



PED-7 Summary of the Hospital Course of the Neonate

Form PED-7 provided a summary of all that was known about the infant from birth to the time of discharge from the nursery. Implemented into the study in January 1959, the form was revised once in May 1960. Revision resulted in a new title and altered the form substantially. "Record of Examination" was eliminated from the form and expanded into PED-5 "Results of Tests and Procedures Done on the Neonate." Course and diagnoses remained but were more detailed. Usage of the form was discontinued on March 3 1963, when PED-7 was replaced by PED-8. Data from PED-7 were recorded on card 0407 of the master file (Table PED-7.1).

TABLE PED-7.1 Cards and Data Records by Revision for Form PED-7

CARD NAME	CARD NUMBER	REV. NO.	NUMBER RECORDS
FED-7: Date of Birth, Discharge and Observations	0407	0	6,094
		1	20,505

			26,599
	total for form		26,599

Data Items Relating to Form 100-7, Summary of Hospital Course of Mammals

DATA ITEM ID	ITEM JN S'ION	CAUD NUM	EDUM EN	DATA ITEM NAME
4237.....		0407	1	* CARD NUMBER (SEQUENCE, FORM TYPE, FORM NUMBER, REVISION NUMBER)
4238.....		0407	6	14 NINON CASE NUMBER
4239...PEN-7	1	0407	15	16 BIRTH DATE (MO)
4240...PEN-7	1	0407	17	18 BIRTH DATE (DAY)
4241...PEN-7	1	0407	19	20 BIRTH DATE (YR)
4242...PEN-7	2	0407	21	22 DISCHARGE DATE (MO)
4243...PEN-7	2	0407	23	24 DISCHARGE DATE (DAY)
4244...PEN-7	2	0407	25	26 DISCHARGE DATE (YR)
4245...PEN-7	1	0407	27	28 HOSPITAL AVE. NUMBER
4246...PEN-7	4	0407	29	29 HOSPITAL COURSE, EVENT
4247...PEN-7	4	0407	30	30 ADMIT, TROOP CODE
4248...PEN-7	4	0407	31	31 ILLNESS, SERUM, COLIC GROUP CODE
4249...PEN-7	4	0407	32	32 NEUROMUSCULAR DISTURBANCE
4250...PEN-7	4	0407	33	33 HOSPITAL COURSE, EVENTS, OTHER
4251...PEN-7	6	0407	34	34 INVESTIGATIVE, STAGE
4252...PEN-7	7	0407	35	35 CLINICAL IMPRESSION, NORMAL OF ABNORMAL
4253...PEN-7	7	0407	36	36 CNS IMPACT OF INJURY: CLINICAL IMPRESSION
4254...PEN-7	7	0407	37	37 MALFARATIONS: CONGENITAL; CLINICAL IMPRESSION
4255...PEN-7	7	0407	38	38 CLINICAL IMPRESSION, OTHER
4256...PEN-7	7	0407	39	39 HOSPITAL STAY, COMPLETION
4257.....		0407	40	40 NAME

SUMMARY OF HOSPITAL COURSE OF THE NEONATE

EVERY NUMBERED ITEM SHOULD HAVE AN ANSWER

2. DATE OF DISCHARGE 3. TIME OF DISCHARGE (If less than 24 hours after last item of course)

4. COURSE

☐ Unremarkable

Significant events and observations:

☐ Apgar Score of 8 or Less

☐ Seizures (Total) 10 Mins. or More 2 - 17 Mins.
or 15 Mins. or More 48 - 72 Hrs.

☐ Neurovascular Disturbance

☐ Other (Specify)

DIAGNOSES BY

5. BIRTH WEIGHT

☐ Term Infant (Birth weight over 3500 gms.)

☐ Premature (Birth weight 3500 gms. or less)

6. STAGE OF DYMMATURITY:

☐ 0 - No Signs of Dymmaturity

☐ 1 - Equivocal Signs of Dymmaturity

☐ 1 - Stage 1 Dymmaturity

☐ 2 - Stage 2 Dymmaturity

☐ 3 - Stage 3 Dymmaturity

7. CLINICAL IMPRESSION

☐ Normal

Other (For the item checked below describe and specify
DEFINITE or SUSPECTED)

☐ Central Nervous System Defect or Injury

☐ Congenital Malformations Other Than Central Nervous
System

☐ Other (Specify)

8. EXAMINER'S NAME

9. DATE OF SUMMARY

10. STATUS OF EXAMINER

Form Item Numbers linked to Data Items on PED-7, Summary of Hospital Course of Unstable

ITEM ON FORM	DATA ITEM ID	CANON NUM	FROM	TO	DATA ITEM NAME
1	425A..PED-7 0407	19	19	19	Hospital stay, completed
1	426A..PED-7 0407	17	17	17	Birth date (day)
1	427A..PED-7 0407	15	15	15	Birth date (m)
1	428A..PED-7 0407	13	13	13	Birth date (yr)
2	429A..PED-7 0407	21	21	21	Discharge date (day)
2	430A..PED-7 0407	21	21	21	Discharge date (m)
2	431A..PED-7 0407	21	21	21	Discharge date (yr)
3	432A..PED-7 0407	27	27	27	Hospital days, number
4	433A..PED-7 0407	30	30	30	Antar, group code
4	434A..PED-7 0407	31	31	31	Albumin, serum, total group code
4	435A..PED-7 0407	29	29	29	Hospital course, event
4	436A..PED-7 0407	31	31	31	Hospital course, event, other
4	437A..PED-7 0407	32	32	32	Neurovascular disturbance
4	438A..PED-7 0407	34	34	34	Overactivity, stage
7	439A..PED-7 0407	35	35	35	Clinical impression, normal or abnormal
7	440A..PED-7 0407	36	36	36	Clinical impression, other
7	441A..PED-7 0407	36	36	36	CNS defect of injury; clinical impression
7	442A..PED-7 0407	37	37	37	Malformation; congenital; clinical impression

DEFINITION OF CODES
SUMMARY OF HOSPITAL COURSE OF THE NEONATE
FORM PED-7 CARD C-07

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 0	1
2. <u>Form Number</u> Code: 407	2-4
3. <u>Revision Number *</u> Code: 0 - Form Dated: 1/59 1 - Form Dated: Rev. 5/60	5
4. <u>NEONATE Number</u> Item 1 Nine-digit number for Patient Identification Code: As given	6-14
5. <u>Date of Birth</u> Item 1 Six digit code for month (cols. 15-16), day (cols. 17-18) and year (cols. 19-20) Code: As given	15-20
6. <u>Date of Discharge (Revision "1" only)</u> Item 2 Six-digit code for month (cols. 21-22), day (cols. 23-24) and year (cols. 25-26). Code: As given Blank - Not on Revision "0" 99 - Month, day and/or year unknown	21-26
7. <u>Days in Hospital (Revision "1" only)</u> Item 3 Code: Blank - Not on Rev. "0" 00 - Less than one day 01-97 - As given 98 - 98 days or more 99 - Not reported	27-28

* Unless specified, Fields, Codes and Card Columns refer to Revisions "0" and "1". Item numbers refer to Form Dated: 5/60

DEFINITION OF CODES (Continued)

FORM PED-7
Card 2407

FIELD

CARD
COLUMNS

8.

Course Item 8

29-33

Five-digit code for:

Event (col. 29)

Code: 0 - Uneventful

1 - Eventful

9 - Not reported

Acute Score (col. 30) (Rev. "1" only)

Code: Blank - Not on Rev. "0"

0 - 7 or more

1 - 6 or less

9 - Not reported

Total Bilirubin Value (col. 31) (Rev. "1" only)

Code: Blank - Not on Rev. "0"

0 - None over 10 at 0-47 hours or over 15 at 48 and over hours

1 - 10 or more at 0-47 hours or 15 or more at 48 and over hours

9 - Not reported

Neuromuscular Disturbance (col. 32) (Rev. "1" only)

Code: Blank - Not on Rev. "0"

0 - Normal

1 - Abnormal

9 - Not reported

Other Events (col. 33) (Rev. "1" only)

Code: Blank - Not on Rev. "0"

0 - No

1 - Yes

9 - Not reported

9.

Stage of Dysmaturity (Rev. "1" only)

34

Item 9

Code: Blank - Not on Rev. "0"

0 - No signs

1 - Stage 1

2 - Stage 2

3 - Stage 3

4 - Equivocal signs

9 - Not reported

DEFINITION OF CODES (Continued)

FORM PED-7
Card 2407

FIELD

CMSD
COLUMN

10.

Clinical Impression

Item 7

35-38

Four-digit code form:

Impression (col. 35)

Code: 0 - Normal

1 - Abnormal or other

9 - Not reported

CNS Defect or Injury (col. 36) (Rev. "1" only)

Code: Blank - Not on Rev. "0"

0 - No CNS defect or injury

1 - CNS defect or injury

9 - Not reported

Congenital Malformations other than CNS (col. 37)

(Rev. "1" only)

Code: Blank - Not on Rev. "0"

0 - No congenital malformations
(other than CNS)

1 - Congenital malformations
(other than CNS)

9 - Not reported

Other (col. 38) (Rev. "1" only)

Code: Blank - Not on Rev. "0"

0 - No other impressions

1 - Other impressions

9 - Not reported

Note (Rev. 1): If col. 35 is "0" then cols. 36-38 are
"0". If col. 35 is "9" then cols. 36-38
are "9".

11.

Duration of Stay (Rev. "1" only)

39

Code: Blank - Days in hospital represent
complete stay in hospital,
not on Rev. "0"

1 - Date of discharge and days in hospital
do not represent the complete stay in
hospital

RECORD OF THE HOSPITAL COURSE OF THE PATIENT
 FORM 173-7

Item # on form	1	2	3	4	5	6	7
	DATE OF BIRTH	DATE OF DISCHARGE	COURSE	REMARKS			
1					BLANK		

* Item numbers refer to form dated: 1/1/60

*NOTE: PED-7 Manual of 7-61 discontinued.
see Proc. #5375-9-63.
This Manual replaced by PED-8*

PEDIATRICS MANUAL

PED-7

SUMMARY OF HOSPITAL COURSE OF THE NEONATE

(For Form PED-7, Revised 5-60)

SECOND EDITION

**THE COLLABORATIVE STUDY OF CEREBRAL PALSY AND
OTHER NEUROLOGICAL AND SENSORY DISORDERS OF
INFANCY AND CHILDHOOD**

JULY 1961

SUMMARY OF HOSPITAL COURSE OF THE NEONATE (For Form PED-7, Revised 5-59)

I Introduction

The purpose of the PED-7 record is to provide a brief summary of the significant neonatal events and findings from birth to discharge from the hospital, together with a synthesis and interpretation of all that is known about the infant during the hospital stay. This manual supersedes the first edition issued May 1960 and the addendum of December 1960.

II General Instructions

A. **The Reviewer.** Form PED-7 is to be completed by a senior staff pediatrician after a complete review of all applicable records.

B. **Records To Be Reviewed.** The records to be reviewed prior to completing Form PED-7 are the completed and edited PED-1, 2, 3, 5, and 6, PED-4 on death to the hospital, and applicable CP-5's; also all hospital records including records of hospital care when the infant is transferred from the nursery to another inpatient service.

C. **The Report.** In general, unusual events and findings during the hospital stay are to be reported under "Course". The interpretation of the events and findings in terms of diagnostic and descriptive statements is to be recorded under "Clinical Impression".

D. **Time of Transmittal.** Completed and edited PED-1, 2, 3, 5, 6, and 7, applicable CP-5's, and PED-4 on infant death to the hospital are to be transmitted as a unit to PRS within three weeks of the infant's discharge from the hospital. These records are not to be delayed in anticipation of a complete autopsy report or the report of a restricted laboratory study.

III Specific Instructions

Item 1, Patient Identification. This must include the infant's name, NINDB number, date of birth, time of birth (24 hour clock), date, weight, race, and sex.

Item 2, Date of Discharge. Record the month, day, and year when the infant is discharged from the hospital. This does not refer to the date the infant is transferred from the nursery to another service in the same hospital or to another hospital in the same city.

Item 3, Time of Discharge. If the infant is under 48 hours of age when discharged, record time of discharge in 24 hour clock time. If the infant is 48 hours of age or more when discharged, simply write N/A. (Not applicable) in this space, but do not leave it blank as this will be interpreted as an unknown.

Items 4, 5, and 6. These items in the main body for a summary of certain factual observations and findings, regardless of the reviewer's evaluation of their significance or lack of significance. They are to be recorded as reported in the records. A judgment is desired only if the reviewer has reason to believe that any of these facts have been inaccurately reported. In that event the reviewer is to state his reservations and the reasons therefor in the comment column.

Item 4, Course. Category 0 (Unremarkable) is to be checked when the infant's course, as reported in the nursery records, is devoid of any unusual or significant events or findings such as are listed in other categories under this item.

Category 1 (Apgar of 6 or less) is to be checked when the Apgar score of 6 or less is recorded on Form PED-1.

Category 2 (Bilirubin over...) is to be checked when a bilirubin value in the specified hyper-tensile level is recorded on Form PED-5.

Category 3 (Neuromuscular disturbance) is to be checked when the nursery records report behavior which in the reviewer's judgment, may be indicative or suggestive of neuromuscular involvement, regardless of the duration of such behavior. A comment on the location and manifestations of such behavior will be added.

Category 4 (Other) is to be checked when the nursery records report other unusual or significant events or findings such as cardiovascular difficulty, respiratory distress, diagnostic and therapeutic procedures, etc., and the like. A comment is to be added in the report column and number given in the 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Item 5, Birth Weight. The infant is to be classified as full-term or premature in accordance with the criterion given and solely on the basis of the recorded birth weight.

Item 6, Dysmaturity. The infant is to be classified as to stage of dysmaturity in accordance with the criteria given below:

"0" - No signs of dysmaturity.

"1" - Equivocal signs of dysmaturity.

"Stage 1" - The infant's appearance suggests malnutrition and loss of weight, and the infant may appear much older than the usual newborn and be open-eyed and alert. There is no evidence of meconium having been passed prior to birth. The skin is unstaained but generally is wrinkled, parchment-like and peeling.

"Stage 2" - In addition to the characteristics described for Stage 1 the infant has liberated quantities of meconium prior to birth sufficient to stain the skin, cord, and nails.

"Stage 3" - The infant is presumed to have passed through the earlier stages in utero. At birth the desquamating skin is stained golden yellow and the infant exhibits to a more marked degree the characteristics described for earlier stages.

Item 7, Clinical Impression. This item calls for the reviewer's judgment of the presence or absence of pathologic conditions, proved or suspected and not disproved, during the infant's hospital course, regardless of the infant's condition at the time of discharge. For certain conditions an additional note that the infant was or was not normal at the time of discharge may be of importance when later information is related to the nursery period.

Not to be regarded as pathologic conditions are trivial findings such as toxic erythema, chemical reactions, circumcised, Mongol spots, uncomplicated umbilical hernia, etc.

Not to be included as such under pathologic conditions are factual items such as elevated serum bilirubin, low Apgar score, prematurity, and dysmaturity. These items are specifically designated for reporting elsewhere.

Category 0 (Normal) is to be checked when in the reviewer's judgment the infant's hospital course is devoid of pathologic events such as are listed in other subcategories under this item.

Category 1 (CNS defect or injury) is to be checked for CNS defect or injury, nervous system defect or injury other than central, and abnormality in the size and stage of the cranium. This category need not necessarily be checked for all cases classified as "Central-Neuronal Disturbance", since it is conceivable that findings suggestive of CNS disturbance at the time they were noted may be considered by the reviewer in retrospect as not suggestive of CNS disturbance. On the other hand this category is to be marked whenever the reviewer feels that the findings were suggestive of CNS disturbance even though the findings were transient and had subsided by the time the infant was discharged from the hospital.

Category 2 (Congenital Malformation other than CNS) is to be checked for anomalies of body systems other than the nervous system and cranium.

Category 3 (Other) is to be checked for other significant pathologic conditions not specified above.

Items 8, 9, and 10. "Examiner's Name", "Status of Examiner", and "Date of Summary" are self-explanatory.

Item 11, Comments. All comments, descriptions, and remarks pertaining to any of the numbered items are to be recorded here. Care must be taken to identify the comment with the number of the item to which it pertains.

*Note: The 1-6 program AND
is 12-60 addendum — inserted
by PED-7 manual of 7-61.*

PEDIATRICS MANUAL

PED-7

SUMMARY OF HOSPITAL COURSE OF THE NEONATE

**THE COLLABORATIVE STUDY OF CEREBRAL PALSY AND
OTHER NEUROLOGICAL AND SENSORY DISORDERS OF
INFANCY AND CHILDHOOD**

**National Institute of Neurological Diseases
and Blindness**

National Institutes of Health

May 1960

11.E.227

PED-7

PHS-3004-7: Summary--Hospital Course of the Neonate

This form is to provide a summary based on all that is known about the infant from the time of birth to the time of discharge from the nursery. It is not to be merely a recapitulation of data which is recorded elsewhere, but rather an integration of the results of all observations, examinations and tests of the infant by a physician who is able to judge the significance of the particular findings and diagnoses in the light of the total course.

The form should be completed by a Study Pediatrician who reviews the infant's entire hospital and Study record as soon as possible after it is complete.

INSTRUCTIONS AND DEFINITIONS:

Item 1, Patient Identification. This should include the infant's name, hospital number, NINDB number, date of birth, birth weight, race and sex.

Item 2, Date of Discharge. Record as Month, Day, and Year.

Item 3, Time of Discharge. If the infant was discharged before 48 hours of age, record time of discharge to the nearest hour (24 hour clock). If the infant was more than 48 hours of age when discharged, simply draw a line or write N.A. (not applicable) in this space, but do not leave it blank as this will be interpreted as an unknown.

Item 4, Course. The category "uneventful" shall be checked for those infant's whose course is characterized by no significantly unusual symptoms or events such as those listed, including "other."

Categories 2 and 3, "Apgar of 6 or less" and "Bilirubin over. . ." are but reiteration of facts recorded elsewhere. A judgment is desired here only if the physician who summarizes the case may have reason to believe, but cannot prove, that either of these facts may have been erroneously reported. If such is the case, he should check the box according to what has been recorded before and describe the qualifications and reservations he has about these.

Category 4, "Neuromuscular disturbance" shall include but not be limited to seizures, paralysis or flaccidity, drowsiness, myoclonus or twitching, and frank spasticity. The summarizing physician must judge the significance of isolated observations suggestive of neuromuscular disturbance, and need record only those which he considers reliable and significant. A comment on the duration and manifestations of the disturbance is desirable.

Category 8, "Other" shall include but not be limited to such things as symptoms of cardio-vascular or respiratory distress, diagnostic and therapeutic procedures other than routine and consultations. A comment on the type, duration, and manifestations of the disorder or event is desired.

PHS-3004-7: Summary--Hospital Course of the Neonate

Diagnosis. Diagnosis has been divided in three distinct categories: weight, stage of dysmaturity, and clinical impression. The categories are defined and explained as follows:

Item 5, Birth Weight. The first category, weight, asks for the classification of the infant as a term or premature infant based on birth weight only. This is done to separate the classification of "full term" or "premature" from the judgments below.

Item 6, Dysmaturity. The dysmaturity category asks that the child be classified as to the stage of dysmaturity. The stages as defined below:

"O" - No signs of dysmaturity.

"?" - Equivocal signs of dysmaturity.

"Stage 1" - The general appearance of the infants suggest the failure of the placenta to provide for normal growth and development and the infant's condition may suggest some malnutrition and loss of weight. There is no history of the infant having passed meconium. The skin is unstained and generally is cracked, parchment-like and peeling. These signs are also combined with prolonged gestation, the infant may appear much older than the usual newborn and be open eyed and alert.

"Stage 2" - The infant exhibits the characteristics noted for Stage 1, but in addition the infant has liberated quantities of meconium sufficient to stain the skin, umbilical cord, nails, amniotic fluid and the placental membranes. The infant may also give evidence of having aspirated meconium.

"Stage 3" - The infant is assumed to have passed through the earlier stages in utero. At birth the infant's desquamating skin is stained a golden yellow and the child exhibits all of the preceding findings but to a more marked degree.

Item 7, Clinical Impression. The item "clinical impression" is designed to record the examiner's impression of the child independent of the factors of weight and dysmaturity. Thus the baby exhibiting normal findings other than prematurity or dysmaturity can be checked "normal" under clinical impressions. Do not classify an infant as other than normal if prematurity or dysmaturity are the only findings.

Items 8, 9, and 10, "Examiner's Name," "Status of Examiner" and "Date of Summary" are self-explanatory.

Item 11, Comments. All comments, descriptions or remarks pertaining to any of the numbered items of this page should be recorded in this blank column. Care must be taken to identify the comment with the number of the item to which it pertains.

12-60 Addendum to PED-7 Manual of 5-60

*Both 12-60 addendum and 5-60 Manual
Superseded by PED-7 Manual of 7-61*

Addendum to the Pediatrics Manual

PHS-3004-7 Summary of Hospital Course of the Neonate (PED-7)

Rev. 5-60

Several questions have arisen concerning the use of the form PED-7 and interpretation of the manual for this form. The following are offered as clarification of some of these questions.

1. This form is designed to be a brief diagnostic summary code of the child's entire nursery stay. When properly used it should be an adjunct to medical editing and provide a synthesis and interpretation by a mature pediatrician of all that is known about the child from birth to discharge from the nursery.

2. In general, unusual events or findings during the nursery period are recorded under "Course" and the interpretation of the findings and events in terms of diagnostic or descriptive statements are recorded under "Clinical Impression."

3. "Course - (2) Total Serum Bilirubin 10 mg % or more 0-47 hours, or 15 mg % or more 48+ hours." This category is to be checked on all and only those cases in which a bilirubin value above the specified age-intensity level was observed. The data on all bilirubin determinations are available on PED-5 and detailed analysis of various age-intensity levels will be done from those.

Two reasons for a special category for reporting on PED-7 elevated serum bilirubin in certain specified cases are: (1) To keep hyperbilirubinemia as such out of "Course - Other" or "Clinical Impression - Other," and (2) To identify quickly a certain discrete group of cases with a common attribute that most people would agree is abnormal.

The only thing that could be tested if the question were worded "Hyperbilirubinemia" is the inter-examiner variation in definition of the term. Neither is it intended that the criteria for the class to be reported on PED-7 be a definition of "hyperbilirubinemia."

4. "Clinical Impression." Clinical Impression should be a statement of those diagnoses or pathological conditions proven, or suspected but not ruled out, during the infant's nursery stay; and should not be limited to the child's condition at the time of discharge. For certain conditions, an additional note that the child was or was not normal at the time of discharge may be of importance when later information is related to the nursery period.

Not to be reported under "Clinical Impression" are trivial conditions such as erythema toxicum, uncomplicated chemical conjunctivitis, circumcision, Mongolian spots, uncomplicated umbilical hernia, etc.

Addendum to PED-7 (cont'd)

Not to be reported under "Clinical Impression" are factual items such as elevated serum bilirubin, low Apgar score, prematurity, and dysmaturity. These items are specifically designated for reporting elsewhere, either on PED-7 or on previous records.

It is not necessary that all cases classified as "Course - Neuromuscular Disturbance" also be classified as "Clinical Impression - Central Nervous System Defect or Injury." It is conceivable that an infant who at one time exhibited sufficient unusual neurological findings to be classified as "Neuromuscular Disturbance" could proceed with a course so benign that the reviewer could be confident that an earlier provisional impression of CNS injury had been ruled out.

5. "Clinical Impression - (2) Central Nervous Defect or Injury." Disregard the term "Central" in the caption and report all nervous system disorders under this category. Include size and shape abnormalities of the cranium in this category.

PED-8 Newborn Diagnostic Summary

Form PED-8 served as a diagnostic "flag sheet" where significant diagnoses and events were recorded in coded form. It was implemented into the study in January 1963 as a replacement for form PED-7; no revisions were made. Data from PED-8 were recorded on six cards of the master file (Table PED-8.1). Code 0 in column 5 (Rev. No.) indicates that the data are for livebirths, code "1" indicates that the data are for stillbirths.

TABLE PED-8.1 Cards and Data Records by Revision for Form PED-8

CARD NAME	CARD NUMBER	REV. NO.	NUMBER RECORDS
PED-8: Summary Data, Diagnoses and Procedures	1408	0	53,700
		1	1,116

			54,816
PED-8: Additional Observations >9	2408	0	2,061
		1	5

			2,066
PED-8: Additional Observations >18	3408	0	344

			344
PED-8: Additional Observations >27	4408	0	50

			50
PED-8: Additional Observations >36	5408	0	14

			14
PED-8: Additional Observations >45	6408	0	2

			2
total for form			57,292

Data Items Referencing Form ICD-9, Neurological Diagnostic Summary

DATA ITEM ID	ITEM CN FJNM	CAHN NUM	FROM IN	DATA ITEM NAME
4240.....		1400	5	Card number (sequence, form type, form number, revision number)
4240.....		1400	6	14 NIND Case Number
4240.....	1	1400	15	14 NIND Case Number
4240.....	1	1400	16	14 NIND Case Number
4240.....	1	1400	17	14 NIND Case Number
4240.....	1	1400	18	14 NIND Case Number
4240.....	1	1400	19	14 NIND Case Number
4240.....	1	1400	20	14 NIND Case Number
4240.....	1	1400	21	14 NIND Case Number
4240.....	1	1400	22	14 NIND Case Number
4240.....	1	1400	23	14 NIND Case Number
4240.....	1	1400	24	14 NIND Case Number
4240.....	1	1400	25	14 NIND Case Number
4240.....	1	1400	26	14 NIND Case Number
4240.....	1	1400	27	14 NIND Case Number
4240.....	1	1400	28	14 NIND Case Number
4240.....	1	1400	29	14 NIND Case Number
4240.....	1	1400	30	14 NIND Case Number
4240.....	1	1400	31	14 NIND Case Number
4240.....	1	1400	32	14 NIND Case Number
4270.....	1	1400	33	14 NIND Case Number
4270.....	1	1400	34	14 NIND Case Number
4270.....	1	1400	35	14 NIND Case Number
4270.....	1	1400	36	14 NIND Case Number
4270.....	1	1400	37	14 NIND Case Number
4270.....	1	1400	38	14 NIND Case Number
4270.....	1	1400	39	14 NIND Case Number
4270.....	1	1400	40	14 NIND Case Number
4270.....	1	1400	41	14 NIND Case Number
4270.....	1	1400	42	14 NIND Case Number
4270.....	1	1400	43	14 NIND Case Number
4270.....	1	1400	44	14 NIND Case Number
4270.....	1	1400	45	14 NIND Case Number
4270.....	1	1400	46	14 NIND Case Number
4270.....	1	1400	47	14 NIND Case Number
4270.....	1	1400	48	14 NIND Case Number
4270.....	1	1400	49	14 NIND Case Number
4270.....	1	1400	50	14 NIND Case Number
4270.....	1	1400	51	14 NIND Case Number
4270.....	1	1400	52	14 NIND Case Number
4270.....	1	1400	53	14 NIND Case Number
4270.....	1	1400	54	14 NIND Case Number
4270.....	1	1400	55	14 NIND Case Number
4270.....	1	1400	56	14 NIND Case Number
4270.....	1	1400	57	14 NIND Case Number
4270.....	1	1400	58	14 NIND Case Number
4270.....	1	1400	59	14 NIND Case Number
4270.....	1	1400	60	14 NIND Case Number
4270.....	1	1400	61	14 NIND Case Number
4270.....	1	1400	62	14 NIND Case Number
4270.....	1	1400	63	14 NIND Case Number
4270.....	1	1400	64	14 NIND Case Number
4270.....	1	1400	65	14 NIND Case Number
4270.....	1	1400	66	14 NIND Case Number
4270.....	1	1400	67	14 NIND Case Number
4270.....	1	1400	68	14 NIND Case Number
4270.....	1	1400	69	14 NIND Case Number
4270.....	1	1400	70	14 NIND Case Number
4270.....	1	1400	71	14 NIND Case Number
4270.....	1	1400	72	14 NIND Case Number
4270.....	1	1400	73	14 NIND Case Number
4270.....	1	1400	74	14 NIND Case Number
4270.....	1	1400	75	14 NIND Case Number
4270.....	1	1400	76	14 NIND Case Number
4270.....	1	1400	77	14 NIND Case Number
4270.....	1	1400	78	14 NIND Case Number
4270.....	1	1400	79	14 NIND Case Number
4270.....	1	1400	80	14 NIND Case Number
4270.....	1	1400	81	14 NIND Case Number
4270.....	1	1400	82	14 NIND Case Number
4270.....	1	1400	83	14 NIND Case Number
4270.....	1	1400	84	14 NIND Case Number
4270.....	1	1400	85	14 NIND Case Number
4270.....	1	1400	86	14 NIND Case Number
4270.....	1	1400	87	14 NIND Case Number
4270.....	1	1400	88	14 NIND Case Number
4270.....	1	1400	89	14 NIND Case Number
4270.....	1	1400	90	14 NIND Case Number
4270.....	1	1400	91	14 NIND Case Number
4270.....	1	1400	92	14 NIND Case Number
4270.....	1	1400	93	14 NIND Case Number
4270.....	1	1400	94	14 NIND Case Number
4270.....	1	1400	95	14 NIND Case Number
4270.....	1	1400	96	14 NIND Case Number
4270.....	1	1400	97	14 NIND Case Number
4270.....	1	1400	98	14 NIND Case Number
4270.....	1	1400	99	14 NIND Case Number
4270.....	1	1400	100	14 NIND Case Number

DATA ITEMS REFERRING TO PEL-H, Nephrotic Diagnostic Summary

DATA ITEM	ITEM NM	CAUSE NM	FROM NM	DATA ITEM NAME
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: foot, code: 274
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: hand, code: 279
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: hand, code: 286
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: humerus, code: 280
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: lower extremity, code: 266
4200..PEN-A	H.12	140A	54	5b Absence of hyponatremia of: inferior nerve and/or vein, code: 278
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: radius, code: 282
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: ribs and spine, code: 281
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: ribs, anomalies of, code: 287
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: ribs, code: 292
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: tibia, code: 270
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: toes, code: 276
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: vein, code: 240
4200..PEN-A	C.6	140A	54	5b Absence of hyponatremia of: upper extremity, code: 274
4200..PEN-A	J.5	140A	54	5b Absence: ductus arteriosus, code: 511
4200..PEN-A	J.11	140A	54	5b Absence: ligament of Struth, code: 513
4200..PEN-A	J.2	140A	54	5b Absence: lung, right or left, code: 452
4200..PEN-A	J.5	140A	54	5b Absence: meatus, external; ear, code: 402
4200..PEN-A	C.14	140A	54	5b Absence: pubic fusion, code: 143
4200..PEN-A	H.12	140A	54	5b Absence: sacrum, code: 232
4200..PEN-A	H.7	140A	54	5b Absent: glomerulonephritis with persistence Mullerian duct, code: 716
4200..PEN-A	F.4	140A	54	5b Absent: atrium, floor of, code: 438
4200..PEN-A	H.7	140A	54	5b Absent: bladder, right hemi-truncus, code: 711
4200..PEN-A	H.4	140A	54	5b Absent: coronary artery, code: 582
4200..PEN-A	H.4	140A	54	5b Absent: coronary sinus, code: 578
4200..PEN-A	H.7	140A	54	5b Absent: celiac plexus, code: 745
4200..PEN-A	F.8	140A	54	5b Absent: nose, bridge of, code: 138
4200..PEN-A	H.12	140A	54	5b Absent: superior lobe pituitary, adenoma pituitary, code: 240
4200..PEN-A	C.6	140A	54	5b Absent: sternocleidomastoid muscle, code: 280
4200..PEN-A	H.4	140A	54	5b Absent: subclavian artery, code: 554
4200..PEN-A	H.7	140A	54	5b Absent: ureter, code: 714
4200..PEN-A	H.7	140A	54	5b Absent: ureters (both), code: 718
4200..PEN-A	F.8	140A	54	5b Absent: vulva, code: 440
4200..PEN-A	C.11	140A	54	5b Achromatopsia, code: 301, 302
4200..PEN-A	H.6	140A	54	5b Acromioclavicular synostosis of Adert, code: 901
4200..PEN-A	J.11	140A	54	5b Adhesions of rectum to liver, code: 630
4200..PEN-A	H.6	140A	54	5b Adhesions of rectum to liver, code: 630
4200..PEN-A	H.6	140A	54	5b Adrenal atrophy hypoadrenalism, neonephrosis, code: 936
4200..PEN-A	H.6	140A	54	5b Adrenal hyperplasia, code: 940
4200..PEN-A	H.1	140A	54	5b Adrenogenital syndrome, code: 891, 892
4200..PEN-A	H.7	140A	54	5b Adrenogenital syndrome, code: 891, 892
4200..PEN-A	H.5	140A	54	5b Albinism, code: 928
4200..PEN-A	J.11	140A	54	5b Allimentary tract malformations and conditions, other noninfectious, code: 621, 622

Data Items Interfering With PEU-8, Unknown Diagnostic Summary

DATA ITEM ID	ITEM UN F.004	CARD NUM	FROM	TO	DATA ITEM NAME
4200...PEN-A	J.11	1408	54	50	Anal flange, code: 432
4200...PEN-A	H.1	1408	54	56	Anencephaly, code: 184
4200...PEN-A	I.7	1408	54	56	Anesthesia, general, code: 471
4200...PEN-A	I.8	1408	54	56	Aneurism of pulmonary artery, sinus valsalva, aortic valve, code: 541
4200...PEN-A	H.4	1408	54	56	Aniridia, code: 170
4200...PEN-A	H.8	1408	54	50	Anomalous pulmonary venous connection Ant/or return, code: 558
4200...PEN-A	I.8	1408	54	50	Anomalous subclavian, right, code: 555
4200...PEN-A	I.8	1408	54	50	Anomalous muscle band at scrotum, code: 728
4200...PEN-A	G.1	1408	54	50	Anomalous chest wall perforated thorax, code: 462
4200...PEN-A	G.3	1408	54	50	Anomalous chest wall percutaneous (keel) (pneumonia), code: 466
4200...PEN-A	G.4	1408	54	50	Anomalous chest wall ribs, flaring, code: 464
4200...PEN-A	G.5	1408	54	50	Anomalous chest wall square shaped, code: 463
4200...PEN-A	G.2	1408	54	50	Anomalous lung cyst or cysts, code: 456
4200...PEN-A	G.2	1408	54	50	Anomalous lung hydropneumothorax or immaturity, code: 458
4200...PEN-A	G.2	1408	54	50	Anomalous lung lobe or lobes absence or incomplete division, code: 454
4200...PEN-A	G.2	1408	54	50	Anomalous lung lobes, extra, code: 457
4200...PEN-A	G.2	1408	54	50	Anomalous lung pneumothorax, code: 455
4200...PEN-A	F.8	1408	54	50	Anomalous lung pleural defect, congenital, code: 435
4200...PEN-A	G.2	1408	54	50	Anomalous lung pulmonary embol, code: 453
4200...PEN-A	I.8	1408	54	50	Anomalous vena cava, inferior, with axillary drainage, code: 594
4200...PEN-A	H.8	1408	54	50	Anomalous, code: 468
4200...PEN-A	H.1	1408	54	50	Anoxia, presumed etiology of conditions, code: 987
4200...PEN-A	I.11	1408	54	50	Antifibrin, internal administration, code: 984
4200...PEN-A	I.8	1408	54	50	Antia, over-resistant, code: 547
4200...PEN-A	I.8	1408	54	50	Antia, hysterical, code: 548
4200...PEN-A	I.8	1408	54	50	Antic arch, flint, code: 548
4200...PEN-A	I.8	1408	54	50	Antic arch, umbilical, code: 558
4200...PEN-A	I.8	1408	54	50	Antic atresia, code: 547
4200...PEN-A	H.14	1408	54	50	Antic, multiple embolus, code: 526
4200...PEN-A	H.12	1408	54	50	Antic, primary, code: 527
4200...PEN-A	H.11	1408	54	50	Antic, single embolus, code: 524
4200...PEN-A	H.12	1408	54	50	Arthralgia, code: 214
4200...PEN-A	C.10	1408	54	50	Arthralgia, multiple, code: 209, 300
4200...PEN-A	H.5	1408	54	50	Aspiration after delivery, code: 487, 488
4200...PEN-A	H.4	1408	54	50	Aspiration before or during delivery, code: 477
4200...PEN-A	G.5	1408	54	50	Atelectasis (comp. collapse lung), code: 481, 482
4200...PEN-A	H.2	1408	54	50	Atelectasis, primary, code: 481, 482
4200...PEN-A	J.11	1408	54	50	Atresia colon or parts thereof, code: 613
4200...PEN-A	I.8	1408	54	50	Atresia, aortic valve, code: 563
4200...PEN-A	I.11	1408	54	50	Atresia, small bowel or parts thereof, code: 614
4200...PEN-A	I.8	1408	54	50	Atresia, small bowel or parts thereof, code: 550

Address: 23500010 Uluqash, 44-0133 wia Puzhewozh SW641 0300

[illegible]

Abstracts of 150 references and 1000 references were

[illegible]

Abstracts of the following are included in the following:

DATA ITEM ID	ITEM IN FILE	CARD NO.	FROM	TO	DATA ITEM NAME
42900..PEH-A	1	1408	54	56	uterine anomaly, codes: 497, 498
42900..PEH-A	2	1408	54	56	infills, raised perforation of 2 or more, codes: 137
42900..PEH-A	3	1408	54	56	misses and conditions, other specified, codes: 051, 052
42900..PEH-A	4	1408	54	56	disturbances of uterus (ischuria), codes: 147
42900..PEH-A	5	1408	54	56	disturbances of, 5th, codes: 147
42900..PEH-A	6	1408	54	56	infectious, codes: 543
42900..PEH-A	7	1408	54	56	infectious, codes: 543, 544
42900..PEH-A	8	1408	54	56	infectious, codes: 543
42900..PEH-A	9	1408	54	56	infectious, codes: 543
42900..PEH-A	10	1408	54	56	infectious, codes: 543
42900..PEH-A	11	1408	54	56	infectious, codes: 543
42900..PEH-A	12	1408	54	56	infectious, codes: 543
42900..PEH-A	13	1408	54	56	infectious, codes: 543
42900..PEH-A	14	1408	54	56	infectious, codes: 543
42900..PEH-A	15	1408	54	56	infectious, codes: 543
42900..PEH-A	16	1408	54	56	infectious, codes: 543
42900..PEH-A	17	1408	54	56	infectious, codes: 543
42900..PEH-A	18	1408	54	56	infectious, codes: 543
42900..PEH-A	19	1408	54	56	infectious, codes: 543
42900..PEH-A	20	1408	54	56	infectious, codes: 543
42900..PEH-A	21	1408	54	56	infectious, codes: 543
42900..PEH-A	22	1408	54	56	infectious, codes: 543
42900..PEH-A	23	1408	54	56	infectious, codes: 543
42900..PEH-A	24	1408	54	56	infectious, codes: 543
42900..PEH-A	25	1408	54	56	infectious, codes: 543
42900..PEH-A	26	1408	54	56	infectious, codes: 543
42900..PEH-A	27	1408	54	56	infectious, codes: 543
42900..PEH-A	28	1408	54	56	infectious, codes: 543
42900..PEH-A	29	1408	54	56	infectious, codes: 543
42900..PEH-A	30	1408	54	56	infectious, codes: 543
42900..PEH-A	31	1408	54	56	infectious, codes: 543
42900..PEH-A	32	1408	54	56	infectious, codes: 543
42900..PEH-A	33	1408	54	56	infectious, codes: 543
42900..PEH-A	34	1408	54	56	infectious, codes: 543
42900..PEH-A	35	1408	54	56	infectious, codes: 543
42900..PEH-A	36	1408	54	56	infectious, codes: 543
42900..PEH-A	37	1408	54	56	infectious, codes: 543
42900..PEH-A	38	1408	54	56	infectious, codes: 543
42900..PEH-A	39	1408	54	56	infectious, codes: 543
42900..PEH-A	40	1408	54	56	infectious, codes: 543
42900..PEH-A	41	1408	54	56	infectious, codes: 543
42900..PEH-A	42	1408	54	56	infectious, codes: 543
42900..PEH-A	43	1408	54	56	infectious, codes: 543
42900..PEH-A	44	1408	54	56	infectious, codes: 543
42900..PEH-A	45	1408	54	56	infectious, codes: 543
42900..PEH-A	46	1408	54	56	infectious, codes: 543
42900..PEH-A	47	1408	54	56	infectious, codes: 543
42900..PEH-A	48	1408	54	56	infectious, codes: 543
42900..PEH-A	49	1408	54	56	infectious, codes: 543
42900..PEH-A	50	1408	54	56	infectious, codes: 543
42900..PEH-A	51	1408	54	56	infectious, codes: 543
42900..PEH-A	52	1408	54	56	infectious, codes: 543
42900..PEH-A	53	1408	54	56	infectious, codes: 543
42900..PEH-A	54	1408	54	56	infectious, codes: 543
42900..PEH-A	55	1408	54	56	infectious, codes: 543
42900..PEH-A	56	1408			

Data Items referenced for ICD-9, Newborn Diagnostic Summary

DATA ITEM	ICD-9	CARD	FROM	TO	DATA ITEM NAME
4200..PEN-9	U.6	140R	54	56	Water's syndrome, codes: 400
4200..PEN-9	U.7	140R	54	56	Waterhouse-Friedman, codes: 403
4200..PEN-9	U.8	140R	54	56	Hydrocephalus, codes: 147, 148
4200..PEN-9	U.9	140R	54	56	Hydrocephalus, codes: 149, 150
4200..PEN-9	U.10	140R	54	56	Hydrocephalus, codes: 151, 152
4200..PEN-9	U.11	140R	54	56	Hydrocephalus, codes: 153, 154
4200..PEN-9	U.12	140R	54	56	Hydrocephalus, codes: 155, 156
4200..PEN-9	U.13	140R	54	56	Hydrocephalus, codes: 157, 158
4200..PEN-9	U.14	140R	54	56	Hydrocephalus, codes: 159, 160
4200..PEN-9	U.15	140R	54	56	Hydrocephalus, codes: 161, 162
4200..PEN-9	U.16	140R	54	56	Hydrocephalus, codes: 163, 164
4200..PEN-9	U.17	140R	54	56	Hydrocephalus, codes: 165, 166
4200..PEN-9	U.18	140R	54	56	Hydrocephalus, codes: 167, 168
4200..PEN-9	U.19	140R	54	56	Hydrocephalus, codes: 169, 170
4200..PEN-9	U.20	140R	54	56	Hydrocephalus, codes: 171, 172
4200..PEN-9	U.21	140R	54	56	Hydrocephalus, codes: 173, 174
4200..PEN-9	U.22	140R	54	56	Hydrocephalus, codes: 175, 176
4200..PEN-9	U.23	140R	54	56	Hydrocephalus, codes: 177, 178
4200..PEN-9	U.24	140R	54	56	Hydrocephalus, codes: 179, 180
4200..PEN-9	U.25	140R	54	56	Hydrocephalus, codes: 181, 182
4200..PEN-9	U.26	140R	54	56	Hydrocephalus, codes: 183, 184
4200..PEN-9	U.27	140R	54	56	Hydrocephalus, codes: 185, 186
4200..PEN-9	U.28	140R	54	56	Hydrocephalus, codes: 187, 188
4200..PEN-9	U.29	140R	54	56	Hydrocephalus, codes: 189, 190
4200..PEN-9	U.30	140R	54	56	Hydrocephalus, codes: 191, 192
4200..PEN-9	U.31	140R	54	56	Hydrocephalus, codes: 193, 194
4200..PEN-9	U.32	140R	54	56	Hydrocephalus, codes: 195, 196
4200..PEN-9	U.33	140R	54	56	Hydrocephalus, codes: 197, 198
4200..PEN-9	U.34	140R	54	56	Hydrocephalus, codes: 199, 200
4200..PEN-9	U.35	140R	54	56	Hydrocephalus, codes: 201, 202
4200..PEN-9	U.36	140R	54	56	Hydrocephalus, codes: 203, 204
4200..PEN-9	U.37	140R	54	56	Hydrocephalus, codes: 205, 206
4200..PEN-9	U.38	140R	54	56	Hydrocephalus, codes: 207, 208
4200..PEN-9	U.39	140R	54	56	Hydrocephalus, codes: 209, 210
4200..PEN-9	U.40	140R	54	56	Hydrocephalus, codes: 211, 212
4200..PEN-9	U.41	140R	54	56	Hydrocephalus, codes: 213, 214
4200..PEN-9	U.42	140R	54	56	Hydrocephalus, codes: 215, 216
4200..PEN-9	U.43	140R	54	56	Hydrocephalus, codes: 217, 218
4200..PEN-9	U.44	140R	54	56	Hydrocephalus, codes: 219, 220
4200..PEN-9	U.45	140R	54	56	Hydrocephalus, codes: 221, 222
4200..PEN-9	U.46	140R	54	56	Hydrocephalus, codes: 223, 224
4200..PEN-9	U.47	140R	54	56	Hydrocephalus, codes: 225, 226
4200..PEN-9	U.48	140R	54	56	Hydrocephalus, codes: 227, 228
4200..PEN-9	U.49	140R	54	56	Hydrocephalus, codes: 229, 230
4200..PEN-9	U.50	140R	54	56	Hydrocephalus, codes: 231, 232
4200..PEN-9	U.51	140R	54	56	Hydrocephalus, codes: 233, 234
4200..PEN-9	U.52	140R	54	56	Hydrocephalus, codes: 235, 236
4200..PEN-9	U.53	140R	54	56	Hydrocephalus, codes: 237, 238
4200..PEN-9	U.54	140R	54	56	Hydrocephalus, codes: 239, 240
4200..PEN-9	U.55	140R	54	56	Hydrocephalus, codes: 241, 242
4200..PEN-9	U.56	140R	54	56	Hydrocephalus, codes: 243, 244
4200..PEN-9	U.57	140R	54	56	Hydrocephalus, codes: 245, 246
4200..PEN-9	U.58	140R	54	56	Hydrocephalus, codes: 247, 248
4200..PEN-9	U.59	140R	54	56	Hydrocephalus, codes: 249, 250
4200..PEN-9	U.60	140R	54	56	Hydrocephalus, codes: 251, 252
4200..PEN-9	U.61	140R	54	56	Hydrocephalus, codes: 253, 254
4200..PEN-9	U.62	140R	54	56	Hydrocephalus, codes: 255, 256
4200..PEN-9	U.63	140R	54	56	Hydrocephalus, codes: 257, 258
4200..PEN-9	U.64	140R	54	56	Hydrocephalus, codes: 259, 260
4200..PEN-9	U.65	140R	54	56	Hydrocephalus, codes: 261, 262
4200..PEN-9	U.66	140R	54	56	Hydrocephalus, codes: 263, 264
4200..PEN-9	U.67	140R	54	56	Hydrocephalus, codes: 265, 266
4200..PEN-9	U.68	140R	54	56	Hydrocephalus, codes: 267, 268
4200..PEN-9	U.69	140R	54	56	Hydrocephalus, codes: 269, 270
4200..PEN-9	U.70	140R	54	56	Hydrocephalus, codes: 271, 272
4200..PEN-9	U.71	140R	54	56	Hydrocephalus, codes: 273, 274
4200..PEN-9	U.72	140R	54	56	Hydrocephalus, codes: 275, 276
4200..PEN-9	U.73	140R	54	56	Hydrocephalus, codes: 277, 278
4200..PEN-9	U.74	140R	54	56	Hydrocephalus, codes: 279, 280
4200..PEN-9	U.75	140R	54	56	Hydrocephalus, codes: 281, 282
4200..PEN-9	U.76	140R	54	56	Hydrocephalus, codes: 283, 284
4200..PEN-9	U.77	140R	54	56	Hydrocephalus, codes: 285, 286
4200..PEN-9	U.78	140R	54	56	Hydrocephalus, codes: 287, 288
4200..PEN-9	U.79	140R	54	56	Hydrocephalus, codes: 289, 290
4200..PEN-9	U.80	140R	54	56	Hydrocephalus, codes: 291, 292
4200..PEN-9	U.81	140R	54	56	Hydrocephalus, codes: 293, 294
4200..PEN-9	U.82	140R	54	56	Hydrocephalus, codes: 295, 296
4200..PEN-9	U.83	140R	54	56	Hydrocephalus, codes: 297, 298
4200..PEN-9	U.84	140R	54	56	Hydrocephalus, codes: 299, 300
4200..PEN-9	U.85	140R	54	56	Hydrocephalus, codes: 301, 302
4200..PEN-9	U.86	140R	54	56	Hydrocephalus, codes: 303, 304
4200..PEN-9	U.87	140R	54	56	Hydrocephalus, codes: 305, 306
4200..PEN-9	U.88	140R	54	56	Hydrocephalus, codes: 307, 308
4200..PEN-9	U.89	140R	54	56	Hydrocephalus, codes: 309, 310
4200..PEN-9	U.90	140R	54	56	Hydrocephalus, codes: 311, 312
4200..PEN-9	U.91	140R	54	56	Hydrocephalus, codes: 313, 314
4200..PEN-9	U.92	140R	54	56	Hydrocephalus, codes: 315, 316
4200..PEN-9	U.93	140R	54	56	Hydrocephalus, codes: 317, 318
4200..PEN-9	U.94	140R	54	56	Hydrocephalus, codes: 319, 320
4200..PEN-9	U.95	140R	54	56	Hydrocephalus, codes: 321, 322
4200..PEN-9	U.96	140R	54	56	Hydrocephalus, codes: 323, 324
4200..PEN-9	U.97	140R	54	56	Hydrocephalus, codes: 325, 326
4200..PEN-9	U.98	140R	54	56	Hydrocephalus, codes: 327, 328
4200..PEN-9	U.99	140R	54	56	Hydrocephalus, codes: 329, 330
4200..PEN-9	U.100	140R	54	56	Hydrocephalus, codes: 331, 332

DATA ITEMS Referencing F015 F016-H, Newborn Diagnostic Summary

DATA ITEM	ITEM	CAUSE	FROM	TO	DATA ITEM NAME
4200..PEN-A	I-M	1400	54	50 Int. vein cava to sup. left atrium, code: 587	
4200..PEN-A	P.12	1400	54	50 infection, other, codes: 885, 886	
4200..PEN-A	P.5	1400	54	50 infection: bone and joint, codes: 871, 872	
4200..PEN-A	P.2	1400	54	50 infection: central nervous system, codes: 865, 866	
4200..PEN-A	P.16	1400	54	50 infection: cutaneous, codes: 881, 882	
4200..PEN-A	P.9	1400	54	50 infection: ear, codes: 873, 880	
4200..PEN-A	P.8	1400	54	50 infection: eye, codes: 877, 878	
4200..PEN-A	P.7	1400	54	50 infection: gastro-intestinal, codes: 875, 876	
4200..PEN-A	P.11	1400	54	50 infection: heart, codes: 871, 874	
4200..PEN-A	P.3	1400	54	50 infection: murmur aortic, codes: 883, 884	
4200..PEN-A	P.1	1400	54	50 infection: pericardial, codes: 867, 868	
4200..PEN-A	P.4	1400	54	50 infection: peritonitis, codes: 851, 856	
4200..PEN-A	H.10	1400	54	50 infection: urinary tract, codes: 869, 870	
4200..PEN-A	K.1	1400	54	50 interstitial nephritis, code: 800	
				50 intracranial vein thrombosis and necrotic infarction and necrosis, code: 670	
4200..PEN-A	J.11	1400	54	50 intussusception, code: 745	
4200..PEN-A	A.1.4	1400	54	50 jitteriness: tremulousness, codes: 800, 810	
4200..PEN-A	.7	1400	54	50 Atney, decreased function, code: 734	
4200..PEN-A	L.7	1400	54	50 Atney, non-functioning, code: 791	
4200..PEN-A	L.7	1400	54	50 Atney, single, code: 710	
4200..PEN-A	L.6	1400	54	50 Atner Salus Elshanno syndrome, code: 910	
4200..PEN-A	H.10	1400	54	50 lack of subcutaneous fat, code: 818	
4200..PEN-A	A.1.13	1400	54	50 lethargy, codes: 051, 054	
4200..PEN-A	K.1	1400	54	50 leukemia, code: 814	
4200..PEN-A	K.1	1400	54	50 liver abnormality: bile duct abnormality: spleen abnormality, codes: 641, 642	
4200..PEN-A	K.1	1400	54	50 liver, degeneration, code: 658	
4200..PEN-A	G.6	1400	54	50 liver's syndrome, code: 911	
4200..PEN-A	G.2	1400	54	50 lung anomaly, codes: 440, 450	
4200..PEN-A	M.1	1400	54	50 lung; tumor of bronchial origin, large (neurotoma?), code: 990	
4200..PEN-A	G.4	1400	54	50 lymphangioma, codes: 871, 872	
4200..PEN-A	H.12	1400	54	50 macrocephaly, code: 227	
4200..PEN-A	S.1	1400	54	50 macrocephaly, code: 958	
4200..PEN-A	H.12	1400	54	50 malformation, non-specific: orofacial, code: 246	
4200..PEN-A	M.12	1400	54	50 malformation, code: 605, 606	
4200..PEN-A	J.1	1400	54	50 Marfan's syndrome, codes: 891, 894	
4200..PEN-A	G.4	1400	54	50 mass, cystic, abnormal wall-probably lipoma, code: 813	
4200..PEN-A	M.1	1400	54	50 mass, intra-abdominal calcified, code: 997	
4200..PEN-A	M.1	1400	54	50 mass, neck, code: 698	
4200..PEN-A	C.14	1400	54	50 maxilla and mandible, abnormally long, code: 377	
4200..PEN-A	J.11	1400	54	50 Meckel's diverticulum, code: 645	
4200..PEN-A	J.11	1400	54	50 Meckel's diverticulum, code: 648	

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[illegible]

DATA ITEMS REFERENCED FOR PF(=8), MEMBER NAME:IC SUMMARY

DATA ITEM TO	ITEM IN FCN	CARD NO	FROM	TO	DATA ITEM NAME
4290..PEN-0	A-1.0	140A	54	56	paralysis/paralysis, left, codes: 017, 018
4290..PEN-0	B.1	140A	54	56	paracentral fluid administration, codes: 967
4290..PEN-0	C.4	140A	54	56	pectus excavatus, codes: 467, 468
4290..PEN-0	D.7	140A	54	56	perile hypoplasia with hypoplastic testes, codes: 601
4290..PEN-0	E.7	140A	54	56	perforated cyst, codes: 502
4290..PEN-0	F.7	140A	54	56	petechiae, skin, codes: 828
4290..PEN-0	G.5	140A	54	56	Pierre Robin syndrome, codes: 834, 806
4290..PEN-0	H.10	140A	54	56	plasma virus, not tangle, codes: 201, 202
4290..PEN-0	I.3	140A	54	56	pneumonia, codes: 841, 484
4290..PEN-0	J.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	K.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	L.12	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	M.6	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	N.6	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	O.6	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	P.6	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	Q.1	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	R.1	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	S.1	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	T.1	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	U.1	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	V.1	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	W.1	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	X.1	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	Y.1	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	Z.1	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	A-1.14	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	A-1.15	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	B.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	C.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	D.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	E.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	F.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	G.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	H.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	I.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	J.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	K.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	L.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	M.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	N.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	O.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	P.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	Q.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	R.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	S.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	T.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	U.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	V.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	W.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	X.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	Y.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	Z.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	A-1.14	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	A-1.15	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	B.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	C.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	D.7	140A	54	56	polydactylous testis, codes: 708
4290..PEN-0	E.7	140A	54	56	polydact

Date Items Reporting Form MFH-N, Newborn Diagnostic Summary

DATA ITEM TO	IFPM 34 FROM	CARD NUM	FROM	TO	DATA ITEM NAME
4290..PEN-A	H.0	1408	54	54	54 Respiratory distress, severe, single, code: 516
4290..PEN-A	F.8	1408	54	54	54 Respiratory tract, upper, with conditions, other, codes: 433, 434
4290..PEN-A	H.16	1408	54	54	54 Resuscitation after first 5 minutes of life, code: 530
4290..PEN-A	H.14	1408	54	54	54 Resuscitation during first 5 minutes of life, code: 528
4290..PEN-A	D.2	1408	54	54	54 Retrolental fibroplasia, codes: 153, 154
4290..PEN-A	H.6	1408	54	54	54 Rickets and rickets, code: 910
4290..PEN-A	H.5	1408	54	54	54 Rupture: traumatic, code: 404
4290..PEN-A	F.8	1408	54	54	54 Salivary gland, ectopic, code: 445
4290..PEN-A	H.5	1408	54	54	54 Sclerema, code: 823, 824
4290..PEN-A	H.7	1408	54	54	54 Scleritis, first to half length of penis with chordae, code: 694
4290..PEN-A	H.1.1	1408	54	54	54 Seizures, code: 803, 804
4290..PEN-A	H.5	1408	54	54	54 Sex linked recessive, cataract, central refraction, renal function abnormality, code: 910
4290..PEN-A	H.1	1408	54	54	54 Sildenafil administration, passive, code: 857
4290..PEN-A	F.8	1408	54	54	54 Single embryonic vein and artery, code: 580
4290..PEN-A	H.11	1408	54	54	54 Sinuses, middle, other, code: 203, 204
4290..PEN-A	F.8	1408	54	54	54 Situs inversus, dextroversion, dextroversion, dextroversion, code: 457
4290..PEN-A	H.6	1408	54	54	54 Situs inversus, code: 914
4290..PEN-A	H.10	1408	54	54	54 Skin conditions and malformations, other noninfectious, codes: 911, 912
4290..PEN-A	H.7	1408	54	54	54 Skull shape abnormal, code: 195, 196
4290..PEN-A	A.11.1	1408	54	54	54 Skull fracture, code: 119, 120
4290..PEN-A	A.11.4	1408	54	54	54 Spinal cord abnormality, code: 133, 134
4290..PEN-A	F.4	1408	54	54	54 Spinal puncture, code: 448
4290..PEN-A	A.1	1408	54	54	54 Spleen or liver capsule, tear, code: 674
4290..PEN-A	A.1	1408	54	54	54 Spleen, absent, code: 461
4290..PEN-A	A.1	1408	54	54	54 Spleen, accessory, code: 654
4290..PEN-A	J.11	1408	54	54	54 Stomach ulcer (gastric), code: 629
4290..PEN-A	J.10	1408	54	54	54 Subcutaneous emphysema, code: 410
4290..PEN-A	F.5	1408	54	54	54 Subcutaneous puncture, code: 969
4290..PEN-A	H.12	1408	54	54	54 Subcutaneous cyst, code: 229
4290..PEN-A	H.12	1408	54	54	54 Subcutaneous sinus tract, code: 251
4290..PEN-A	A.1.18	1408	54	54	54 Suck abnormal, code: 963, 964
4290..PEN-A	F.4	1408	54	54	54 Suck abnormal, code: 912
4290..PEN-A	F.4	1408	54	54	54 Suck abnormal, code: 296
4290..PEN-A	F.4	1408	54	54	54 Suck abnormal, code: 897, 898
4290..PEN-A	F.4	1408	54	54	54 Suck abnormal, code: 254, 256
4290..PEN-A	F.4	1408	54	54	54 Suck abnormal, code: 556
4290..PEN-A	F.4	1408	54	54	54 Suck abnormal, code: 992
4290..PEN-A	F.4	1408	54	54	54 Suck abnormal, code: 450, 470
4290..PEN-A	F.4	1408	54	54	54 Suck abnormal, code: 408
4290..PEN-A	F.4	1408	54	54	54 Suck abnormal, code: 336

Data Items Referencing Form HFD-8, Mammography Diagnostic Summary

DATA ITEM ID	ITEM 34 F304	CARD NUM	FROM	TO	DATA ITEM NAME
4200...PEN-A	C.9	140R	54	56	Torticollis, codes: 297, 298
4200...PEN-A	J.1	140R	54	56	Tracheo-esophageal fistula, codes: 601, 602
4200...PEN-A	I.4	140R	54	56	Transposition, code: 570
4200...PEN-A	U.2	140R	54	56	Trauma, presumed etiology of conditions, codes: 98R
4200...PEN-A	I.4	140R	54	56	Tricuspid atresia, code: 588
4200...PEN-A	U.6	140R	54	56	Trisomy, code: 933
4200...PEN-A	M.1	140R	54	56	Tumor (carcinoid), lung, code: 931
4200...PEN-A	C.14	140R	54	56	Ulnar deviation; range of joints, code: 135
4200...PEN-A	I.7	140R	54	56	Ureter, ureters, double, code: 788
4200...PEN-A	I.7	140R	54	56	Ureters, tortuosity, stenosis, clink, code: 711
4200...PEN-A	I.7	140R	54	56	Urethral meatus; ectopic, code: 586
4200...PEN-A	I.7	140R	54	56	Uric acid deposits; tubules, code: 712
4200...PEN-A	I.7	140R	54	56	Uterine tract obstruction, none, codes: 670, 680
4200...PEN-A	I.7	140R	54	56	Vagina, cystic cells protruding from, code: 787
4200...PEN-A	I.7	140R	54	56	Vagina, double, code: 713
4200...PEN-A	I.7	140R	54	56	Vaginal cyst, code: 697
4200...PEN-A	I.4	140R	54	56	Vaginal mucosa; otolarynx, code: 606
4200...PEN-A	I.4	140R	54	56	Vascular ring, code: 581
4200...PEN-A	I.4	140R	54	56	Vena cava, aneurysm, left, code: 570
4200...PEN-A	I.4	140R	54	56	Ventricular septal defect, code: 552
4200...PEN-A	T.0	140R	54	56	Ventricular, single (absent ventricle), code: 561
4200...PEN-A	C.1	140R	54	56	Ventricular puncture, code: 970
4200...PEN-A	J.5	140R	54	56	Vitreous; abnormality, code: 251, 254
4200...PEN-A	J.16	140R	54	56	Visceral perforation, code: 603, 610
4200...PEN-A	J.16	140R	54	56	Vitellus, code: 635
4200...PEN-A	J.16	140R	54	56	Vulva; of upper extremity, code: 624
4200...PEN-A	J.16	140R	54	56	Vulva; neck, code: 636
4200...PEN-A	J.16	140R	54	56	Wrist; fracture, code: 817
4200...PEN-A	J.16	140R	54	56	Wrist; tumor, code: 904
4200...PEN-A	M.1	140R	57	90	X-ray; of procedures; specific, repeat of columns 54-56 for possible diagnoses 2-9
4202...PEN-A		240R	1	80	X-ray; of procedures; specific, repeat of columns 54-56 for possible diagnoses 10-18
4203...PEN-A		340R	1	80	X-ray; of procedures; specific, repeat of card 140R for possible diagnoses 19-27
4204...PEN-A		440R	1	80	X-ray; of procedures; specific, repeat of card 140R for possible diagnoses 28-36
4205...PEN-A		540R	1	80	X-ray; of procedures; specific, repeat of card 140R for possible diagnoses 37-45
4206...PEN-A		640R	1	80	X-ray; of procedures; specific, repeat of card 140R for possible diagnoses 46-54

Data Items Referenced for WFO-H, Newborn Diagnostic Summary

DATA ITEM ID	ITEM ID	CODE NUM	FROM	TO	DATA TYPE NAME
5472....VAR	11				
5473....VAR	A.1	596	596	WFO-H diagnosis; match, data availability, any info in variable file locations 597-605, 1590, 2005	
5474....VAR	A.1.1	597	597	Brain abnormality	
5475....VAR	A.1.2	598	598	Seizures	
5476....VAR	A.1.3	599	599	euphoric	
5477....VAR	A.1.4	600	600	hypertonia	
5478....VAR	A.1.5	601	601	litteriness; transience	
5479....VAR	A.1.7	602	602	hyperactivity	
5480....VAR	A.1.7	603	603	paralysis/dropout, head	
5481....VAR	A.1.8	604	604	paralysis/dropout, para	
5482....VAR	A.1.9	605	605	paralysis/dropout, tetra	
5483....VAR	A.1.10	606	606	paralysis/dropout, other	
5484....VAR	A.1.11	607	607	hypertonia	
5485....VAR	A.1.12	608	608	hyperactivity	
5486....VAR	A.1.13	609	609	lethargy	
5487....VAR	A.1.14	610	610	reflexes; asymmetric, activity or tone	
5488....VAR	A.1.15	611	611	reflexes; symmetrical but abnormal	
5489....VAR	A.1.16	612	612	Moro; reflex abnormal	
5490....VAR	A.1.17	613	613	cry abnormal	
5491....VAR	A.1.18	614	614	suck abnormal	
5492....VAR	A.1.19	615	615	brain abnormality, other	
5493....VAR	A.1.20	616	616	brain status, abnormal, transient	
5494....VAR	A.1.21	617	617	brain status, abnormal, persistent	
5495....VAR	A.1.22	618	618	brain status, abnormal, on exam or no protocol exam	
5496....VAR	A.1.23	619	619	nerve abnormality, dermal or cranial; facial	
5497....VAR	A.1.24	620	620	nerve abnormality, dermal or cranial; facial	
5498....VAR	A.1.25	621	621	nerve abnormality, dermal or cranial; ocular	
5499....VAR	A.1.26	622	622	nerve abnormality, dermal or cranial; other	
5500....VAR	A.1.27	623	623	skull fracture	
5501....VAR	A.1.28	624	624	cephalosclerosis	
5502....VAR	A.1.29	625	625	hemorrhage; intracranial	
5503....VAR	A.1.30	626	626	spinal cord abnormality	
5504....VAR	A.1.31	627	627	neurologic abnormality, other	
5505....VAR	A.1.32	628	628	anencephaly	
5506....VAR	A.1.33	629	629	microcephaly	
5507....VAR	A.1.34	630	630	hydranencephaly	
5508....VAR	A.1.35	631	631	hydrocephaly	
5509....VAR	A.1.36	632	632	craniosynostosis	
5510....VAR	A.1.37	633	633	cranial sutures, abnormal separation	
5511....VAR	A.1.38	634	634	skull shape abnormal	
5512....VAR	A.1.39	635	635	facial cleft	
5513....VAR	A.1.40	636	636	meningomyelocele; meningocele	
5514....VAR	A.1.41	637	637	placental sinus, not simple	

DATA ITEM REFERENCE FOR UFI-4, Newborn Diagnostic Summary

DATA ITEM ID	UFI-4 ID	CARD NUM	FROM	TO	DATA ITEM NAME
5464....VAR	N.11		638	639	638 Sinuses, ridging, other
5465....VAR	N.12		639	640	639 CNS malformations and related skeletal conditions, other
5466....VAR	C.1		640	641	640 Vertebral abnormality
5467....VAR	C.2		641	642	641 Palmar equinovarus
5468....VAR	C.3		642	643	642 Metatarsus adductus
5469....VAR	C.4		643	644	643 Calcaneal varus
5470....VAR	C.5		644	645	644 Hip dislocation or dysplasia; congenital
5471....VAR	C.6		645	646	645 Extremity hyaline dysplasia or absence
5472....VAR	C.7		646	647	646 Polydactyly
5473....VAR	C.8		647	648	647 Synactyly
5474....VAR	C.9		648	649	648 Pectus
5475....VAR	C.10		649	650	649 Arthrogryposis multiplex
5476....VAR	C.11		650	651	650 Arthrogryposis
5477....VAR	C.12		651	652	651 Clavicle, fracture
5478....VAR	C.13		652	653	652 Fractures, other
5479....VAR	C.14		653	654	653 Musculoskeletal abnormality, other noninfectious
5480....VAR	D.1		654	655	654 Chorionectasis
5481....VAR	D.2		655	656	655 Metrolateral fibrosis
5482....VAR	D.3		656	657	656 Cataract
5483....VAR	D.4		657	658	657 Corneal opacity
5484....VAR	D.5		658	659	658 Microphthalmia
5485....VAR	D.6		659	660	659 Blindness
5486....VAR	D.7		660	661	660 Myeloma
5487....VAR	D.8		661	662	661 Eye conditions, other noninfectious
5488....VAR	E.1		662	663	662 Ears, low set
5489....VAR	E.2		663	664	663 Ear pinna deformity
5490....VAR	E.3		664	665	664 Branchial cleft anomaly
5491....VAR	E.4		665	666	665 Deafness
5492....VAR	E.5		666	667	666 Ear conditions, other noninfectious
5493....VAR	F.1		667	668	667 Choanal atresia
5494....VAR	F.2		668	669	668 Cleft palate
5495....VAR	F.3		669	670	669 Cleft uvula, lip
5496....VAR	F.4		670	671	670 Cleft lip
5497....VAR	F.5		671	672	671 Cleft jaw
5498....VAR	F.6		672	673	672 Micrognathia
5499....VAR	F.7		673	674	673 Laryngeal malformation; larynx malformation
5500....VAR	F.8		674	675	674 Respiratory tract, upper; such conditions, other
5501....VAR	G.1		675	676	675 Diaphragm anomaly
5502....VAR	G.2		676	677	676 Lung anomaly
5503....VAR	G.3		677	678	677 Chest wall anomaly
5504....VAR	G.4		678	679	678 Pectus excavatus
5505....VAR	G.5		679	680	679 Thoracic abnormality, other
5506....VAR	H.1		680	681	680 Respiratory distress; syndrome hyaline membrane disease

Data Items Interfacing from ICU-4, Newborn Diagnostic Summary

DATA ITEM ID	ICU ID	ICU NAME	DATA ITEM NAME
5507....VAR	U.2	6M1	Apertosis, primary
5508....VAR	U.3	6M2	Anemia
5509....VAR	U.4	6M3	Aspiration before or during delivery
5510....VAR	U.5	6M4	Aspiration after delivery
5511....VAR	U.6	6M5	Pulmonary hemorrhage
5512....VAR	U.7	6M6	Cardiac condition
5513....VAR	U.8	6M7	CNS abnormality
5514....VAR	U.9	6M8	Metabolic imbalance
5515....VAR	U.10	6M9	Respiratory abnormality
5516....VAR	U.11	6M10	Neurological abnormality, unknown condition
5517....VAR	U.12	6M11	Respiratory distress, degree, none
5518....VAR	U.13	6M12	Respiratory distress, degree, slight
5519....VAR	U.14	6M13	Respiratory distress, degree, moderate
5520....VAR	U.15	6M14	Respiratory distress, degree, marked
5521....VAR	U.16	6M15	Anemia, primary
5522....VAR	U.17	6M16	Anemia, single episode
5523....VAR	U.18	6M17	Anemia, multiple episodes
5524....VAR	U.19	6M18	Resuscitation during first 5 minutes of life
5525....VAR	U.20	6M19	Resuscitation after first 5 minutes of life
5526....VAR	U.21	6M20	Cardiovascular diseases; congenital; cyanotic
5527....VAR	U.22	6M21	Cardiovascular diseases; congenital; cyanotic
5528....VAR	U.23	6M22	Cardiac rhythm disorder
5529....VAR	U.24	6M23	Cardiac rate disorder
5530....VAR	U.25	6M24	Cardiac enlargement
5531....VAR	U.26	6M25	Cardiac compensation
5532....VAR	U.27	6M26	Cardiovascular disorders, specific
5533....VAR	U.28	6M27	Cardiovascular diseases and conditions, other
5534....VAR	U.29	6M28	Tracheo esophageal fistula
5535....VAR	U.30	6M29	Diaphragmatic hernia
5536....VAR	U.31	6M30	Valvulopathy
5537....VAR	U.32	6M31	Neonatal sepsis
5538....VAR	U.33	6M32	Visceral perforation
5539....VAR	U.34	6M33	Esophageal atresia; anal atresia
5540....VAR	U.35	6M34	Hernia; inguinal
5541....VAR	U.36	6M35	Hernia; general
5542....VAR	U.37	6M36	Hernia; other
5543....VAR	U.38	6M37	Alimentary tract; villous lesions and conditions, other noninfectious
5544....VAR	U.39	6M38	Liver abnormality; bile duct abnormality; spleen abnormality
5545....VAR	U.40	6M39	Hypoplasia
5546....VAR	U.41	6M40	Chordee
5547....VAR	U.42	6M41	Genitalia, external abnormalities, other
5548....VAR	U.43	6M42	Bladder outflow; urethral obstruction
5549....VAR	U.44	6M43	

Data Items Referencing Item 00104, Newborn Diagnostic Summary

DATA ITEM TO	ITEM JM FROM	DATA ITEM NAME
5540.....VAR	1.5	724 URINARY TRACT obstruction, minor
5551.....VAR	1.6	725 cystic kidney
5552.....VAR	1.7	726 Genitourinary conditions, noninfectious, other
5553.....VAR	4.1	727 Neoplastic disease, tumor, specified
5554.....VAR	N.1	728 trypsinolysis
5555.....VAR	4.2	729 trypsinolysis; in incubability
5556.....VAR	N.1	730 trypsinolysis; in incubability
5557.....VAR	N.4	731 trypsinolysis, other specified
5558.....VAR	N.5	732 Hemolytic disease, other
5559.....VAR	N.6	733 Coagulation defect
5560.....VAR	N.7	734 blood loss, intrauterine
5561.....VAR	N.8	735 hemorrhage, minor, other specified site
5562.....VAR	N.9	736 hematologic conditions, other
5563.....VAR	U.1	737 Hematologic conditions, other
5564.....VAR	U.2	738 Hematologic conditions, other
5565.....VAR	U.3	739 Hematologic conditions, other
5566.....VAR	U.4	740 Hematologic conditions, other
5567.....VAR	U.5	741 Hematologic conditions, other
5568.....VAR	U.6	742 Hematologic conditions, other
5569.....VAR	U.7	743 Hematologic conditions, other
5570.....VAR	U.8	744 Hematologic conditions, other
5571.....VAR	U.9	745 Hematologic conditions, other
5572.....VAR	U.10	746 Hematologic conditions, other
5573.....VAR	P.1	747 Hematologic conditions, other
5574.....VAR	P.2	748 Hematologic conditions, other
5575.....VAR	P.3	749 Hematologic conditions, other
5576.....VAR	P.4	750 Hematologic conditions, other
5577.....VAR	P.5	751 Hematologic conditions, other
5578.....VAR	P.6	752 Hematologic conditions, other
5579.....VAR	P.7	753 Hematologic conditions, other
5580.....VAR	P.8	754 Hematologic conditions, other
5581.....VAR	P.9	755 Hematologic conditions, other
5582.....VAR	P.10	756 Hematologic conditions, other
5583.....VAR	P.11	757 Hematologic conditions, other
5584.....VAR	P.12	758 Hematologic conditions, other
5585.....VAR	U.1	759 Hematologic conditions, other
5586.....VAR	U.2	760 Hematologic conditions, other
5587.....VAR	U.3	761 Hematologic conditions, other
5588.....VAR	U.4	762 Hematologic conditions, other
5589.....VAR	U.5	763 Hematologic conditions, other
5590.....VAR	U.6	764 Hematologic conditions, other
5591.....VAR	U.1	765 Hematologic conditions, other
5592.....VAR	U.2	766 Hematologic conditions, other

DATA ITEMS REFERENCING FORM PED-8, MEDICAL DIAGNOSTIC SUMMARY

DATA ITEM TO	ITEM 34 FROM	CARD NUMBER	DATA ITEM NAME
5593.....VAD	H.3	767	HYPOCALCEMIA, symptomatic (presumed)
5594.....VAD	H.4	768	HYPOGLYCEMIA, symptomatic (presumed)
5595.....VAD	H.5	769	LABORATORY ERRORS OF METABOLISM
5596.....VAD	H.6	770	ENDOCRINE DISEASES, OTHER METABOLIC DISEASES, OTHER
5597.....VAD	T.1	771	ALLERGY: TRANSFUSIONS, SINGLE
5598.....VAD	T.2	772	ALLERGY: TRANSFUSIONS, EXCHANGE
5599.....VAD	T.3	773	ALLERGY: ALLERGIC REACTIONS
5600.....VAD	T.4	774	ALLERGY: ALLERGIC REACTIONS
5601.....VAD	T.5	775	ALLERGY: ALLERGIC REACTIONS
5602.....VAD	T.6	776	ALLERGY: ALLERGIC REACTIONS
5603.....VAD	T.7	777	ALLERGY: ALLERGIC REACTIONS
5604.....VAD	T.8	778	ALLERGY: ALLERGIC REACTIONS
5605.....VAD	T.9	779	ALLERGY: ALLERGIC REACTIONS
5606.....VAD	T.10	780	ALLERGY: ALLERGIC REACTIONS
5607.....VAD	T.11	781	ALLERGY: ALLERGIC REACTIONS
5608.....VAD	T.12	782	ALLERGY: ALLERGIC REACTIONS
5609.....VAD	T.13	783	ALLERGY: ALLERGIC REACTIONS
5610.....VAD	G.1	784	ALLERGY: ALLERGIC REACTIONS
5611.....VAD	H.1	785	ALLERGY: ALLERGIC REACTIONS
5612.....VAD	H.2	786	ALLERGY: ALLERGIC REACTIONS
5613.....VAD	H.3	787	ALLERGY: ALLERGIC REACTIONS
5614.....VAD	H.4	788	ALLERGY: ALLERGIC REACTIONS
5615.....VAD	H.5	789	ALLERGY: ALLERGIC REACTIONS
5616.....VAD	H.6	790	ALLERGY: ALLERGIC REACTIONS
5617.....VAD	H.7	791	ALLERGY: ALLERGIC REACTIONS
5618.....VAD	H.8	792	ALLERGY: ALLERGIC REACTIONS
5619.....VAD	H.9	793	ALLERGY: ALLERGIC REACTIONS
5620.....VAD	H.10	794	ALLERGY: ALLERGIC REACTIONS
5621.....VAD	H.11	795	ALLERGY: ALLERGIC REACTIONS
5622.....VAD	H.12	796	ALLERGY: ALLERGIC REACTIONS
5623.....VAD	H.13	797	ALLERGY: ALLERGIC REACTIONS
5624.....VAD	H.14	798	ALLERGY: ALLERGIC REACTIONS
5625.....VAD	H.15	799	ALLERGY: ALLERGIC REACTIONS
5626.....VAD	H.16	800	ALLERGY: ALLERGIC REACTIONS
5627.....VAD	H.17	801	ALLERGY: ALLERGIC REACTIONS
5628.....VAD	H.18	802	ALLERGY: ALLERGIC REACTIONS
5629.....VAD	H.19	803	ALLERGY: ALLERGIC REACTIONS
5630.....VAD	H.20	804	ALLERGY: ALLERGIC REACTIONS
5631.....VAD	H.21	805	ALLERGY: ALLERGIC REACTIONS

"632....VAV 17.5.13.U
R0K M0B WISAGS, CNDITNGS AND PRESUMPTIVE ETIOLOGIC IMPRESSIONS NOT
elsewhere specified, manner of. (PEn-4 sect 5 & U)
6246.....W-S IN NO MATTERIONS CONTEMPAL, YTY, I YEAR, SOURCE OF INFORMATION, PZD=8

NEWBORN DIAGNOSTIC SUMMARY

2. NAME CODES _____ 3. SUMMARY DATE _____

4. TITLE _____ 5. DISCHARGE DATE _____

7. DISCHARGE STATUS: ☐ ALIVE ☐ DEAD ☐ AUTOPSY _____ 8. DISCHARGE TIME _____

9. SYMMETRY (Circle one): _____

10. NONE EQUINOXIAL STAGE: _____

11. "LOWEST APGAR" _____ 12. "HIGHEST BILIRUBIN" _____ 13. CHECK THIS BOX IF NO TESTS ARE CODED IN CATEGORIES A THRU E: ☐ NONE

SCORE _____ Level _____ mgm %

14. SEX: ☐ MALE ☐ FEMALE

INSTRUCTIONS: Circle number in parentheses box.

A. NEUROLOGIC ABNORMALITY

☐ None

1. Brain abnormality: (001) (002)

2. Reflexes (003) (004)

3. Hypertonia (005) (006)

4. Hypotonia or flaccidity (007) (008)

5. Hyperreflexia (009) (010)

6. Paralysis-parosia (011) (012)

7. None (013) (014)

8. None (015) (016)

9. None (017) (018)

10. Other, specify: (019) (020)

11. Hypertonia (021) (022)

12. Hypotonia (023) (024)

13. Lethargy (025) (026)

14. Asymmetry of reflexes, activity, or tone (027) (028)

15. Asymmetry of, but abnormal reflexes (029) (030)

16. Abnormal tone (031) (032)

17. Abnormal cry (033) (034)

18. Abnormal suck (035) (036)

19. Other, specify: (037) (038)

Adjusted Brain Score: _____

a. None (039) (040)

b. Mild (041) (042)

c. Moderate (043) (044)

d. Severe (045) (046)

B. NEUROLOGIC ABNORMALITY (Cont.)

1. Peripheral or cranial nerve abnormality: (047) (048)

2. Facial (049) (050)

3. Ocular (051) (052)

4. Other, specify: (053) (054)

5. Other neurologic abnormality: (055) (056)

6. Fracture skull (057) (058)

7. Cephalohematoma (059) (060)

8. Intracranial hemorrhage (061) (062)

9. Other, specify: (063) (064)

10. Spinal cord abnormality, specify: (065) (066)

11. Other, specify: (067) (068)

C. CENTRAL NERVOUS SYSTEM MALFORMATIONS: RELATED SKELETAL CONDITIONS

☐ None

1. Anencephaly (069) (070)

2. Microcephaly (071) (072)

3. Hydrocephalus (073) (074)

4. Hydranencephaly (075) (076)

5. Craniosynostosis (077) (078)

6. Abnormal ossification of skull (079) (080)

7. Abnormal shape of skull (081) (082)

8. Encephalocele (083) (084)

9. Meningocele or other meningocele (085) (086)

10. Myelomeningocele (087) (088)

11. Other malformations, specify: (089) (090)

12. Other, specify: (091) (092)

D. MUSCULOSKELETAL ABNORMALITY

☐ None

1. Contracture deformity (093) (094)

2. Talipes equinovarus (095) (096)

3. Abnormalities of joints (097) (098)

4. Colles' fracture (099) (100)

5. Congenital dislocation of hip (101) (102)

6. Absence or hypoplasia of extremity or part, specify: (103) (104)

7. Polydactyly (105) (106)

8. Syndactyly (107) (108)

9. Tarsal coalition (109) (110)

10. Amniotic bands (111) (112)

11. Achondroplasia (113) (114)

12. Fractured clavicle (115) (116)

13. Fracture, other, specify: (117) (118)

14. Other musculoskeletal, specify: (119) (120)

E. EYE CONDITIONS

☐ None

1. Cataracts (121) (122)

2. Retinoblastoma (123) (124)

3. Corneal opacity (125) (126)

4. Conjunctivitis (127) (128)

5. Microphthalmia (129) (130)

6. Strabismus (131) (132)

7. Nystagmus (133) (134)

8. Other, specify: (135) (136)

COLLABORATIVE RESEARCH
PERINATAL RESEARCH BRANCH - NICHD
DHHS-NEBDA 10-70

PED-8

COL-AD30A-14 RE
PERMANENT RECORDS
RE-44828-14 20

NEWBORN DIAGNOSTIC SUMMARY

K. ABNORMALITY OF LIVER, BILE DUCTS, AND/OR SPLEEN		L. HEMATOLOGIC CONDITIONS		P. INFECTION (Specify all conditions and list agent under appropriate special)	
Name	DOB	Name	DOB	Name	DOB
1. Abnormal (Specify location)	861 862	1. Erythroblastosis	719 720	1. Septicemia	863 864
2. Abnormal (Specify location)		2. RA	721 722	2. Central nervous system	865 866
3. ABD		3. ABC	723 724	3. Respiratory system and lower	867 868
4. Other, specify		4. Other, specify	725 726	4. Urinary tract	869 870
5. Other hematologic abnormality, specify		5. Other hematologic abnormality, specify	727 728	5. Bone and joint	871 872
6. Congenital defect, specify		6. Congenital defect, specify	729 730	6. Skin	873 874
7. Extracranial blood loss		7. Extracranial blood loss	731 732	7. Gastrointestinal (Specify location)	875 876
8. Other major hematologic, specify		8. Other major hematologic, specify	733 734	8. Eye	877 878
9. Other, specify		9. Other, specify	735 736	9. Ear	879 880
10. Other, specify		10. Other, specify		10. Genitourinary (Specify location)	881 882
11. Other, specify		11. Other, specify		11. Muscular membrane	883 884
12. Other, specify		12. Other, specify		12. Other, specify	885 886
13. Other, specify		13. Other, specify		13. Other, specify	
14. Other, specify		14. Other, specify		14. Other, specify	
15. Other, specify		15. Other, specify		15. Other, specify	
16. Other, specify		16. Other, specify		16. Other, specify	
17. Other, specify		17. Other, specify		17. Other, specify	
18. Other, specify		18. Other, specify		18. Other, specify	
19. Other, specify		19. Other, specify		19. Other, specify	
20. Other, specify		20. Other, specify		20. Other, specify	
21. Other, specify		21. Other, specify		21. Other, specify	
22. Other, specify		22. Other, specify		22. Other, specify	
23. Other, specify		23. Other, specify		23. Other, specify	
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29. Other, specify		29. Other, specify		29. Other, specify	
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31. Other, specify		31. Other, specify		31. Other, specify	
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36. Other, specify		36. Other, specify		36. Other, specify	
37. Other, specify		37. Other, specify		37. Other, specify	
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39. Other, specify		39. Other, specify		39. Other, specify	
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42. Other, specify		42. Other, specify		42. Other, specify	
43. Other, specify		43. Other, specify		43. Other, specify	
44. Other, specify		44. Other, specify		44. Other, specify	
45. Other, specify		45. Other, specify		45. Other, specify	
46. Other, specify		46. Other, specify		46. Other, specify	
47. Other, specify		47. Other, specify		47. Other, specify	
48. Other, specify		48. Other, specify		48. Other, specify	
49. Other, specify		49. Other, specify		49. Other, specify	
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51. Other, specify		51. Other, specify		51. Other, specify	
52. Other, specify		52. Other, specify		52. Other, specify	
53. Other, specify		53. Other, specify		53. Other, specify	
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57. Other, specify		57. Other, specify		57. Other, specify	
58. Other, specify		58. Other, specify		58. Other, specify	
59. Other, specify		59. Other, specify		59. Other, specify	
60. Other, specify		60. Other, specify		60. Other, specify	
61. Other, specify		61. Other, specify		61. Other, specify	
62. Other, specify		62. Other, specify		62. Other, specify	
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69. Other, specify		69. Other, specify		69. Other, specify	
70. Other, specify		70. Other, specify		70. Other, specify	
71. Other, specify		71. Other, specify		71. Other, specify	
72. Other, specify		72. Other, specify		72. Other, specify	
73. Other, specify		73. Other, specify		73. Other, specify	
74. Other, specify		74. Other, specify		74. Other, specify	
75. Other, specify		75. Other, specify		75. Other, specify	
76. Other, specify		76. Other, specify		76. Other, specify	
77. Other, specify		77. Other, specify		77. Other, specify	
78. Other, specify		78. Other, specify		78. Other, specify	
79. Other, specify		79. Other, specify		79. Other, specify	
80. Other, specify		80. Other, specify		80. Other, specify	
81. Other, specify		81. Other, specify		81. Other, specify	
82. Other, specify		82. Other, specify		82. Other, specify	
83. Other, specify		83. Other, specify		83. Other, specify	
84. Other, specify		84. Other, specify		84. Other, specify	
85. Other, specify		85. Other, specify		85. Other, specify	
86. Other, specify		86. Other, specify		86. Other, specify	
87. Other, specify		87. Other, specify		87. Other, specify	
88. Other, specify		88. Other, specify		88. Other, specify	
89. Other, specify		89. Other, specify		89. Other, specify	
90. Other, specify		90. Other, specify		90. Other, specify	
91. Other, specify		91. Other, specify		91. Other, specify	
92. Other, specify		92. Other, specify		92. Other, specify	
93. Other, specify		93. Other, specify		93. Other, specify	
94. Other, specify		94. Other, specify		94. Other, specify	
95. Other, specify		95. Other, specify		95. Other, specify	
96. Other, specify		96. Other, specify		96. Other, specify	
97. Other, specify		97. Other, specify		97. Other, specify	
98. Other, specify		98. Other, specify		98. Other, specify	
99. Other, specify		99. Other, specify		99. Other, specify	
100. Other, specify		100. Other, specify		100. Other, specify	

PED-8

NEWBORN DIAGNOSTIC SUMMARY

4. SYNDROMES		5. PROCEDURES		6. PROCEDURES (Cont.)	
None		None		None	
1. Malnutrition	887 888	1. Sample blood transfusion	943	12. E.E.G.	945
2. Generalized hypotonia	889 890	2. Exchange transfusion	944	13. Other, specify	946
3. Abnormal genital	891 892	3. Parenteral lines	947		
4. All other's	893 894	4. Spinal puncture	948		
5. P. vs. R. blood	895 896	5. Skull x-ray	949		
6. Q. for syndrome, specify	897 898	6. Ventricular puncture	950		
		7. General anesthesia	951	14. PRESUMPTIVE ETIOLOGIC IMPRESSIONS	
		8. Surgery, specify (for neonatal resuscitation)	952	None	
				1. Presumed cause	953
				2. Presumed cause	954
9. OTHER ENDOCRINE OR METABOLIC DISEASE		9. Chromosome studies		15. INFORMATION SOURCE	
None		10. X-ray and/or fluoroscopy		1. Study Record	
1. Cretinism	915 916	11. Autopsy (if available)		2. Nursery Record	
2. Feline disease of pancreas	917 918			3. Additional records	
3. Presumed symptomatic hypothyroidism	919 920			4. C.P.S. studies	
4. Presumed symptomatic hypoparathyroidism	921 922				
5. Inborn error of metabolism, specify	923 924				
6. Other, specify	927 928				
10. OTHER CONDITIONS					
None					
1. Specify	931 932				

COLLABORATIVE RESEARCH
PERINATAL RESEARCH BRANCH - NICHD
BETHESDA, MD

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PED-6

ADAMS DISCOUNT STORE, "OTHER DISCOUNT STORES"

ITEM	DATA	CARD	FROM	TO	DATA ITEM NAME
NO.	ITEM	NUM			
A.1	4740...PFD-B	140R	54	56	Diagnoses: precedures: specific, nth, (where n = 54)
A.1.1	4742...PFD-B	240R	1	80	Diagnoses: precedures: specific, repeat of card 140R for possible diagnoses 10-14
A.1.1.1	4743...PFD-B	140R	1	80	Diagnoses: precedures: specific, repeat of card 140R for possible diagnoses 19-27
A.1.1.2	4744...PFD-B	440R	1	80	Diagnoses: precedures: specific, repeat of card 140R for possible diagnoses 28-36
A.1.1.3	4745...PFD-B	540R	1	80	Diagnoses: precedures: specific, repeat of card 140R for possible diagnoses 37-45
A.1.1.4	4746...PFD-B	640R	1	80	Diagnoses: precedures: specific, repeat of card 140R for possible diagnoses 46-54
A.1.1.5	4741...PFD-B	140R	57	80	Diagnoses: precedures: specific, repeat of columns 54-56 for possible diagnosis 2 = 0
A.1.1.6	4746...-4-5		10	10	Malformation: congenital, nth, 1 year, source of information, PFD-B
A.1.1.7	5423...-VAN		597	597	Brain abnormality, codes: 001, 002
A.1.1.8	4740...PFD-B	140R	54	56	Brain status, abnormal, transient
A.1.1.9	5442...-VAN		616	616	Brain status, abnormal, transient, codes: 000
A.1.1.10	4740...PFD-B	140R	54	56	Brain status, abnormal, transient
A.1.1.11	5441...-VAN		617	617	Brain status, abnormal, persistent
A.1.1.12	4740...PFD-B	140R	54	56	Brain status, abnormal, persistent, codes: 002
A.1.1.13	5444...-V		618	618	Brain status, abnormal, on exam or no protocol exam
A.1.1.14	4740...PFD-B	140R	54	56	Brain status, abnormal, one exam or no protocol exam, codes: 004
A.1.1.15	5424...-VAN		598	598	Seizures
A.1.1.16	4740...PFD-B	140R	54	56	Seizures, codes: 003, 004
A.1.1.17	5425...-VAN		599	599	Myoclonus
A.1.1.18	4740...PFD-B	140R	54	56	Myoclonus, codes: 005, 006
A.1.1.19	5426...-VAN		600	600	Hypertonia
A.1.1.20	4740...PFD-B	140R	54	56	Hypertonia, codes: 007, 008
A.1.1.21	5427...-VAN		601	601	Jitteriness: tremulousness
A.1.1.22	4740...PFD-B	140R	54	56	Jitteriness: tremulousness, codes: 009, 010
A.1.1.23	5428...-VAN		602	602	Hyperactivity
A.1.1.24	4740...PFD-B	140R	54	56	Hyperactivity, codes: 011, 012
A.1.1.25	5429...-VAN		603	603	Paralysis/paresis, hemi
A.1.1.26	4740...PFD-B	140R	54	56	Paralysis/paresis, hemi, codes: 013, 014
A.1.1.27	5430...-VAN		604	604	Paralysis/paresis, para
A.1.1.28	4740...PFD-B	140R	54	56	Paralysis/paresis, para, codes: 015, 016
A.1.1.29	5431...-VAN		605	605	Paralysis/paresis, tetra
A.1.1.30	4740...PFD-B	140R	54	56	Paralysis/paresis, tetra, codes: 017, 018
A.1.1.31	5432...-VAN		606	606	Paralysis/paresis, other
A.1.1.32	4740...PFD-B	140R	54	56	Paralysis/paresis, other, codes: 019, 020
A.1.1.33	5433...-VAN		607	607	Hypotonia
A.1.1.34	4740...PFD-B	140R	54	56	Hypotonia, codes: 040, 050

FORM ITEM NUMBERS LINKED TO DATA ITEMS ON PED-H, NEWBORN DIAGNOSTIC SUMMARY

ITEM ON FORM	DATA ITEM IN	CARD NUM	FORM	DATA ITEM NAME
A.1.12	5438....VAR	1408	608	608 Hypoactivity
A.1.12	5439....PED-H	1408	54	54 Hypoactivity, codes: 041, 042
A.1.13	5435....VAR	1408	609	609 Lethargy
A.1.13	5436....PED-H	1408	54	54 Lethargy, codes: 043, 054
A.1.14	5436....VAR	1408	610	610 Reflexes: asymmetric, activity or tone
A.1.14	5437....PED-H	1408	54	54 Reflexes: asymmetric, activity or tone, codes: 055, 056
A.1.15	5437....VAR	1408	611	611 Reflexes: symmetric but abnormal
A.1.15	5438....PED-H	1408	54	54 Reflexes: symmetric but abnormal, codes: 057, 058
A.1.16	5438....VAR	1408	612	612 Moro: reflex abnormal
A.1.16	5439....PED-H	1408	54	54 Moro: reflex abnormal, codes: 059, 060
A.1.17	5439....VAR	1408	613	613 Cry abnormal
A.1.17	5440....PED-H	1408	54	54 Cry abnormal, codes: 061, 062
A.1.18	5440....VAR	1408	614	614 Suck abnormal
A.1.18	5441....PED-H	1408	54	54 Suck abnormal, codes: 063, 064
A.1.19	5441....VAR	1408	615	615 Brain abnormality, other
A.1.19	5442....PED-H	1408	54	54 Brain abnormality, other, codes: 065, 066
A.1.20	5442....VAR	1408	616	616 Nerve abnormality, peripheral or cranial: brachial
A.1.20	5443....PED-H	1408	54	54 Nerve abnormality, peripheral or cranial: brachial, codes: 067, 068
A.1.21	5443....VAR	1408	620	620 Nerve abnormality, peripheral or cranial: facial
A.1.21	5444....PED-H	1408	54	54 Nerve abnormality, peripheral or cranial: facial, codes: 069, 070
A.1.22	5444....VAR	1408	621	621 Nerve abnormality, peripheral or cranial: ocular
A.1.22	5445....PED-H	1408	54	54 Nerve abnormality, peripheral or cranial: ocular, codes: 071, 072
A.1.23	5445....VAR	1408	622	622 Nerve abnormality, peripheral or cranial: other
A.1.23	5446....PED-H	1408	54	54 Nerve abnormality, peripheral or cranial: other, codes: 073, 074
A.1.24	5446....VAR	1408	623	623 Skull: fractured
A.1.24	5447....PED-H	1408	54	54 Skull: fractured, codes: 119, 120
A.1.25	5447....VAR	1408	624	624 Cephalhematoma
A.1.25	5448....PED-H	1408	54	54 Cephalhematoma, codes: 121, 122
A.1.26	5448....VAR	1408	625	625 Hemorrhage: intracranial
A.1.26	5449....PED-H	1408	54	54 Hemorrhage: intracranial, codes: 123, 124
A.1.27	5449....VAR	1408	626	626 Spinal cord abnormality
A.1.27	5450....PED-H	1408	54	54 Spinal cord abnormality, codes: 133, 134
A.1.28	5450....VAR	1408	627	627 Neurologic abnormality, other
A.1.28	5451....PED-H	1408	54	54 Neurologic abnormality, other, codes: 135, 136
A.1.29	5451....VAR	1408	628	628 Anencephaly
A.1.29	5452....PED-H	1408	54	54 Anencephaly, codes: 144
A.1.30	5452....VAR	1408	629	629 Microcephaly
A.1.30	5453....PED-H	1408	54	54 Microcephaly, codes: 145, 146
A.1.31	5453....VAR	1408	630	630 Hydrocephaly
A.1.31	5454....PED-H	1408	54	54 Hydrocephaly, codes: 147, 148
A.1.32	5454....VAR	1408	631	631 Hydrocephaly
A.1.32	5455....PED-H	1408	54	54 Hydrocephaly, codes: 149, 150

Port Item Numbers Linked to Data Items on PED-8, Neurological Summary

ITEM ON FORM	DATA ITEM IN	CARD NUM	FROM	TO	DATA ITEM NAME
R.5	545R...VAR		632	632	CRANIOVASCULOSIS
R.5	4290...PFD-8 140R		54	54	56 CRANIOVASCULOSIS, codes: 101, 102
R.6	5450...VAR		633	633	633 CRANIAL SURFACES, abnormal separation
R.6	4290...PFD-8 140R		54	54	56 CRANIAL SURFACES, abnormal separation, codes: 193, 194
R.7	5460...VAR		634	634	634 SKULL SHAPE, abnormal
R.7	4290...PFD-8 140R		54	54	56 SKULL SHAPE, abnormal, codes: 105, 196
R.8	5461...VAR		635	635	635 ENCEPHALOCYCLE
R.8	4290...PFD-8 140R		54	54	56 ENCEPHALOCYCLE, codes: 107, 108
R.9	5462...VAR		636	636	636 MENINGOENCEPHALOCYCLE, meningocycle
R.9	4290...PFD-8 140R		54	54	56 MENINGOENCEPHALOCYCLE, meningocycle, codes: 149, 200
R.10	5463...VAR		637	637	637 PLEURAL SINUS, not simple
R.10	4290...PFD-8 140R		54	54	56 PLEURAL SINUS, not simple, codes: 201, 202
R.11	5464...VAR		638	638	638 SINUSES, midline, other
R.11	4290...PFD-8 140R		54	54	56 SINUSES, midline, other, codes: 203, 204
R.12	4290...PFD-8 140R		54	54	56 ABSENCE OF CORPUS CALLOSUM, codes: 226
R.12	4290...PFD-8 140R		54	54	56 ABSENCE OF HYPHOSIAL OF DUCTORY NERVE AND/OR BULB, codes: 228
R.12	4290...PFD-8 140R		54	54	56 ABSENCE OF SACRUM, codes: 232
R.12	4290...PFD-8 140R		54	54	56 ABSENCE OF POSTERIOR LAME PIVULARY, atresia pituitary, codes: 240
R.12	4290...PFD-8 140R		54	54	56 ARTERIOENCEPHALY, codes: 234
R.12	4290...PFD-8 140R		54	54	56 CEREBRAL HYPHOSIAL, codes: 236
R.12	5465...VAR		639	639	639 CNS MALFORMATIONS AND RELATED SKELETAL CONDITIONS, other
R.12	4290...PFD-8 140R		54	54	56 CNS MALFORMATIONS AND RELATED SKELETAL CONDITIONS, other, codes: 221, 224
R.12	4290...PFD-8 140R		54	54	56 CR4 ABNORMALITY, codes: 230
R.12	4290...PFD-8 140R		54	54	56 CRANIOCHIASIA, codes: 252
R.12	4290...PFD-8 140R		54	54	56 Cystic mass: lumbosacral area, codes: 238
R.12	4290...PFD-8 140R		54	54	56 Cystic mass: lumbosacral area, codes: 240
R.12	4290...PFD-8 140R		54	54	56 HYDROMYELIA, codes: 242
R.12	4290...PFD-8 140R		54	54	56 HYDROCEPHALUS, skull bones, codes: 244
R.12	4290...PFD-8 140R		54	54	56 MACROCEPHALY, codes: 227
R.12	4290...PFD-8 140R		54	54	56 MALFORMATION, non-specific: brain, codes: 246
R.12	4290...PFD-8 140R		54	54	56 PARENCEPHALY, codes: 248
R.12	4290...PFD-8 140R		54	54	56 RACHISCHIASIA, codes: 250
R.12	4290...PFD-8 140R		54	54	56 SUBOCCIPITAL CYST, codes: 229
R.12	4290...PFD-8 140R		54	54	56 SUBOCCIPITAL SINUS TRACT, codes: 251
R.12	5466...VAR		640	640	640 VERTEBRAL ABNORMALITY
R.12	4290...PFD-8 140R		54	54	56 VERTEBRAL ABNORMALITY, codes: 253, 254
R.12	5467...VAR		641	641	641 TALLES ENULOVARIUS
R.12	4290...PFD-8 140R		54	54	56 TALLES ENULOVARIUS, codes: 255, 256
R.12	5468...VAR		642	642	642 METATARSUS ADDUCTUS
R.12	4290...PFD-8 140R		54	54	56 METATARSUS ADDUCTUS, codes: 257, 258
R.12	5469...VAR		643	643	643 CALCANEUS VARUS
R.12	4290...PFD-8 140R		54	54	56 CALCANEUS VARUS, codes: 259, 260

Form Item Numbers Linked to Data Items on PED-M, Neurological Diagnostic Summary

ITEM ON FORM	DATA ITEM IN	CARD NUM	FROM	TO	DATA ITEM NAME
C.5	5470....VAN		644	644	hip dislocation or dysplasia; congenital
C.5	4290...PED-M	140A	54	54	hip dislocation or dysplasia; congenital, codes: 261, 262
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: clact nailux, code: 285
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: tarsal epiphyse, alstcl, code: 265
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: tarsal, code: 268
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: fibula, code: 272
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: fingers, code: 288
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: foot, code: 274
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: forearm, code: 279
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: hand, code: 286
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: manus, code: 280
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: inner extremity, code: 266
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: radius, code: 282
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: ring and spike, code: 293
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: ring, abnormal of, code: 287
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: ribs, code: 292
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: tibia, code: 270
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: toes, code: 276
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: ulna, code: 284
C.6	4290...PED-M	140A	54	54	absence of hyponlasia of: upper extremity, code: 278
C.6	4290...PED-M	140A	54	54	absence of: sternocleidomastoid muscle, code: 289
C.6	4290...PED-M	140A	54	54	extremity of part, specific absence of hyponlasia of, codes: 263, 264
C.6	5471....VAN		645	645	extremity: hyponlasia or absence
C.7	5472....VAN		646	646	polydactyly
C.7	4290...PED-M	140A	54	54	polydactyly, code: 294
C.8	5473....VAN		647	647	syndactyly
C.8	4290...PED-M	140A	54	54	syndactyly, code: 296
C.9	5474....VAN		648	648	torticollis
C.9	4290...PED-M	140A	54	54	torticollis, codes: 297, 298
C.10	5475....VAN		649	649	arthrogryposis multiplex
C.10	4290...PED-M	140A	54	54	arthrogryposis multiplex, codes: 299, 300
C.11	5476....VAN		650	650	achondroplasia
C.11	4290...PED-M	140A	54	54	achondroplasia, codes: 301, 302
C.12	5477....VAN		651	651	clavicle, fractured
C.12	4290...PED-M	140A	54	54	clavicle, fractured, codes: 303, 304
C.13	5478....VAN		652	652	fractures, other
C.13	4290...PED-M	140A	54	54	fractures, other, codes: 305, 306
C.14	4290...PED-M	140A	54	54	abnormal position of: fingers, code: 338
C.14	4290...PED-M	140A	54	54	absence of: pubic fusion, code: 340
C.14	4290...PED-M	140A	54	54	calcareo versus (also talipes), code: 344
C.14	4290...PED-M	140A	54	54	cervical ribs, code: 342
C.14	4290...PED-M	140A	54	54	congenital dislocation; knees, code: 346

For item numbers linked to code items on IPUB, Neuroimaging Diagnostic Summary

ITEM NO	DATA TYPE	CARD NUM	FROM	TO	DATA TYPE NAME
C-14	4290..PFD-B	140R	54	56	Concomitant dislocations; wrist, code: 340
C-14	4290..PFD-B	140R	54	56	Contracting bands; hand, code: 350
C-14	4290..PFD-B	140R	54	56	Digits. Marked separation of 2 or more, code: 332
C-14	4290..PFD-B	140R	54	56	Dislocation; numerous (shoulder), code: 367
C-14	4290..PFD-B	140R	54	56	Dislocation; toe, 5th, code: 349
C-14	4290..PFD-B	140R	54	56	Interarticular ligaments and lig. code: 345
C-14	4290..PFD-B	140R	54	56	Pinous dysplasia of none, code: 343
C-14	4290..PFD-B	140R	54	56	Pinion abnormality, contractions, code: 341
C-14	4290..PFD-B	140R	54	56	Pain recurvature, code: 330
C-14	4290..PFD-B	140R	54	56	Wagner toes, code: 339
C-14	4290..PFD-B	140R	54	56	Mesohypertrophy (left side body), code: 328
C-14	4290..PFD-B	140R	54	56	Hypertrophy or extensibility; joints, code: 337
C-14	4290..PFD-B	140R	54	56	Hypoplasia; jaw, code: 331
C-14	4290..PFD-B	140R	54	56	Maxilla and mandible, abnormally long, code: 327
C-14	4290..PFD-B	140R	54	56	Musculoskeletal abnormality, other noninfectious
C-14	4290..PFD-B	140R	54	56	Toes; abnormal placement, position, or deviation, code: 333, 336
C-14	4290..PFD-B	140R	54	56	Upper deviation; hands or digits, code: 335
C-14	4290..PFD-B	140R	54	56	Chondroectodysplasia
C-14	4290..PFD-B	140R	54	56	Chondroectodysplasia, code: 351, 352
C-14	4290..PFD-B	140R	54	56	Metrolental fibroplasia
C-14	4290..PFD-B	140R	54	56	Metrolental fibroplasia, code: 353, 354
C-14	4290..PFD-B	140R	54	56	Choroid
C-14	4290..PFD-B	140R	54	56	Choroid, code: 355, 356
C-14	4290..PFD-B	140R	54	56	Corneal opacity
C-14	4290..PFD-B	140R	54	56	Corneal opacity, code: 357, 358
C-14	4290..PFD-B	140R	54	56	Microphthalmia
C-14	4290..PFD-B	140R	54	56	Microphthalmia, code: 359, 360
C-14	4290..PFD-B	140R	54	56	Blindness
C-14	4290..PFD-B	140R	54	56	Blindness, code: 361, 362
C-14	4290..PFD-B	140R	54	56	Myotonia
C-14	4290..PFD-B	140R	54	56	Myotonia, code: 363, 364
C-14	4290..PFD-B	140R	54	56	Aniridia, code: 370
C-14	4290..PFD-B	140R	54	56	Anophthalmia, code: 368
C-14	4290..PFD-B	140R	54	56	Buphthalmos, glaucoma, code: 372
C-14	4290..PFD-B	140R	54	56	Coloboma, code: 374
C-14	4290..PFD-B	140R	54	56	Exophthalmos, proptosis, code: 376
C-14	4290..PFD-B	140R	54	56	Eye conditions, other noninfectious
C-14	4290..PFD-B	140R	54	56	Eye herniation, code: 378
C-14	4290..PFD-B	140R	54	56	Hypoplasia of optic nerve, code: 380
C-14	4290..PFD-B	140R	54	56	Proptosis, code: 382
C-14	4290..PFD-B	140R	54	56	Fats, low set

Form Item Numbers Linked to Data Items on PFU-M, Newborn Diagnostic Summary

ITEM NN FORM	DATA ITEM ID	CARD MIN	FROM	TO	DATA ITEM NAME
F.1	4290...PFU-B	140R	54	56	Ear, low spt. codes: 391, 392
F.2	5490...VAR		663	663	Ear pinna defective
F.3	4290...PFU-B	140R	54	56	Ear pinna defective, codes: 393, 394
F.4	5490...VAR		664	664	Branchial cleft anomaly
F.5	4290...PFU-B	140R	54	56	Branchial cleft anomaly, codes: 395, 396
F.6	5490...VAR		665	665	Deafness
F.7	4290...PFU-B	140R	54	56	Deafness, codes: 397, 398
F.8	4290...PFU-B	140R	54	56	Absence: ear, external; ear, code: 402
F.9	5490...VAR		666	666	Ear conditions, other noninfectious
F.10	4290...PFU-B	140R	54	56	Ear conditions, other noninfectious, codes: 399, 400
F.11	5490...VAR		667	667	Wulfram; tympanic membrane, code: 404
F.12	4290...PFU-B	140R	54	56	Choanal atresia
F.13	5490...VAR		668	668	Choanal atresia, codes: 410, 420
F.14	4290...PFU-B	140R	54	56	Cleft palate
F.15	5490...VAR		669	669	Cleft palate, code: 422
F.16	4290...PFU-B	140R	54	56	Cleft uvula, high
F.17	5490...VAR		670	670	Cleft uvula, high, code: 424
F.18	4290...PFU-B	140R	54	56	Cleft lip
F.19	5490...VAR		671	671	Cleft lip, code: 426
F.20	4290...PFU-B	140R	54	56	Cleft lip, code: 428
F.21	5490...VAR		672	672	Micrognathia
F.22	4290...PFU-B	140R	54	56	Micrognathia, codes: 429, 430
F.23	5490...VAR		673	673	Epiglottitis malformation; larynx malformation, codes: 431, 432
F.24	4290...PFU-B	140R	54	56	Absent; antrum, floor of, code: 433
F.25	5490...VAR		674	674	Absent; nose, bridge of, code: 436
F.26	4290...PFU-B	140R	54	56	Absent; uvula, code: 440
F.27	5490...VAR		675	675	Anomaly; lung; alveolar defect, congenital, code: 435
F.28	4290...PFU-B	140R	54	56	Hard tongue, code: 442
F.29	5490...VAR		676	676	Choanal stenosis with absence nasal cartilage, code: 444
F.30	4290...PFU-B	140R	54	56	Canula (sublingual cyst), code: 443
F.31	5490...VAR		677	677	Respiratory tract, upper; mouth conditions, other
F.32	4290...PFU-B	140R	54	56	Respiratory tract, upper; mouth conditions, other, codes: 433, 434
F.33	5490...VAR		678	678	Salivary gland, ectopic, code: 445
F.34	4290...PFU-B	140R	54	56	Blanchard anomaly
F.35	5490...VAR		679	679	Blanchard anomaly, codes: 447, 448
F.36	4290...PFU-B	140R	54	56	Absence; lung, right or left, code: 452
F.37	5490...VAR		680	680	Anomaly; lung; cyst or cysts, code: 456
F.38	4290...PFU-B	140R	54	56	Anomaly; lung; hypoplasia or immaturity, code: 458
F.39	5490...VAR		681	681	Anomaly; lung; lobe or lobe absence or incomplete division, codes: 454
F.40	4290...PFU-B	140R	54	56	Anomaly; lung; lobe, extra, code: 457

Form Item Numbers Linked to Data Items on PFU-H, Neurological Diagnostic Summary

ITEM ON FORM	DATA ITEM ID	CARD NUM	FROM	TO	DATA ITEM NAME
G.2	4296...PFU-H	140R	54	56	Anomaly: lung: pneumothorax, code: 455
G.2	4296...PFU-H	140R	54	56	Anomaly: lung: pulmonary embol, code: 453
G.2	5502...VAR		676	676	lung anomaly
G.2	4296...PFU-H	140R	54	56	lung anomaly, codes: 459, 459
G.3	4296...PFU-H	140R	54	56	Anomaly: chest wall: deform: thorax, code: 462
G.3	4296...PFU-H	140R	54	56	Anomaly: chest wall: pectus carinatus (keel) (Pigeon), code: 464
G.3	4296...PFU-H	140R	54	56	Anomaly: chest wall: ribs, flaring, code: 466
G.3	4296...PFU-H	140R	54	56	Anomaly: chest wall: square shape, code: 463
G.3	5503...VAR		677	677	Chest wall anomaly
G.3	4296...PFU-H	140R	54	56	Chest wall anomaly, codes: 459, 460
G.4	5504...VAR		678	678	pectus excavatum
G.4	4296...PFU-H	140R	54	56	pectus excavatum, codes: 467, 468
G.4	4296...PFU-H	140R	54	56	Atelectasis (collapse, collapse lung), code: 477
G.5	4296...PFU-H	140R	54	56	bronchi, compression of, code: 474
G.5	4296...PFU-H	140R	54	56	congenital laryngeal stridor, code: 471
G.5	4296...PFU-H	140R	54	56	unilateral, code: 476
G.5	4296...PFU-H	140R	54	56	unilateral or unilateral, code: 472
G.5	4296...PFU-H	140R	54	56	unilateral emphysema, and/or pneumothorax, code: 475
G.5	4296...PFU-H	140R	54	56	unilateral trachea, code: 471
G.5	5505...VAR		679	679	Thoracic abnormality, other
G.5	4296...PFU-H	140R	54	56	Thoracic abnormality, other, codes: 469, 470
H.2	5517...VAR		691	691	respiratory distress, degree, none
H.2	4296...PFU-H	140R	54	56	respiratory distress, degree, none, code: 514
H.2	5518...VAR		692	692	respiratory distress, degree, slight
H.2	4296...PFU-H	140R	693	693	respiratory distress, degree, slight, code: 516
H.2	5519...VAR		694	694	respiratory distress, degree, moderate
H.2	4296...PFU-H	140R	695	695	respiratory distress, degree, moderate, code: 518
H.2	5520...VAR		696	696	respiratory distress, degree, marked
H.2	4296...PFU-H	140R	697	697	respiratory distress, degree, marked, code: 520
H.2	5506...VAR		698	698	respiratory distress syndrome: hyaline membrane disease
H.2	4296...PFU-H	140R	54	56	respiratory distress syndrome: hyaline membrane disease, codes: 479, 480
H.2	5507...VAR		681	681	Atelectasis, primary
H.2	4296...PFU-H	140R	54	56	Atelectasis, primary, codes: 481, 482
H.3	5508...VAR		682	682	pneumonia
H.3	4296...PFU-H	140R	54	56	pneumonia, codes: 483, 484
H.4	5509...VAR		683	683	aspiration before or during delivery
H.4	4296...PFU-H	140R	54	56	aspiration before or during delivery, codes: 485, 486
H.5	5510...VAR		684	684	aspiration after delivery
H.5	4296...PFU-H	140R	54	56	aspiration after delivery, codes: 487, 488
H.6	5511...VAR		685	685	pulmonary hemorrhage
H.6	4296...PFU-H	140R	54	56	pulmonary abnormality, pulmonary hemorrhage, codes: 489, 490
H.7	5512...VAR		686	686	cardiac condition

Form Item Numbers Linked to Data Items on PFU-M, Newborn Diagnostic Summary

ITEM ON FORM	DATA ITEM ID	CARD NUM	FROM	TO	DATA ITEM NAME
H.7	4290...PFU-M	140R	54	50	Respiratory abnormality, cardiac conditions, codes: 491, 492
H.8	5513...VAK		607	607	CNS abnormality
H.9	4290...PFU-M	140R	54	50	Respiratory abnormality, CVS abnormality, codes: 493, 494
H.9	5514...VAK		608	608	Metabolic imbalance
H.10	4290...PFU-M	140R	54	50	Respiratory abnormality, metabolic abnormality, codes: 495, 496
H.10	4290...PFU-M	140R	54	50	Xanthosemia, code: 497
H.10	4290...PFU-M	140R	54	50	Interstitial pneumonia, code: 500
H.10	4290...PFU-M	140R	54	50	Mucous plug in trachea, code: 501
H.10	5515...VAR		609	609	Respiratory abnormality
H.10	4290...PFU-M	140R	54	50	Respiratory abnormality, other, codes: 497, 498
H.11	5516...VAK		609	609	Respiratory abnormality, unknown condition
H.11	4290...PFU-M	140R	54	50	Respiratory abnormality, unknown condition, codes: 511, 512
H.12	5521...VAR		605	605	Annea, primary
H.12	4290...PFU-M	140R	54	50	Annea, primary, code: 522
H.13	5522...VAK		606	606	Annea, single episode
H.13	4290...PFU-M	140R	54	50	Annea, single episode, code: 524
H.14	5523...VAR		607	607	Annea, multiple episodes
H.14	4290...PFU-M	140R	54	50	Annea, multiple episodes, code: 526
H.15	5524...VAK		608	608	Resuscitation during first 5 minutes of life
H.15	4290...PFU-M	140R	54	50	Resuscitation during first 5 minutes of life, code: 528
H.16	5525...VAR		609	609	Resuscitation after first 5 minutes of life
H.16	4290...PFU-M	140R	54	50	Resuscitation after first 5 minutes of life, code: 530
I.1	5526...VAK		700	700	Cardiovascular disease; congenital; cyanotic
I.1	4290...PFU-M	140R	54	50	Cardiovascular disease; congenital; cyanotic, codes: 531, 532
I.2	5527...VAK		701	701	Cardiovascular disease; congenital; cyanotic
I.2	4290...PFU-M	140R	54	50	Cardiovascular disease; congenital; cyanotic, codes: 533, 534
I.3	5528...VAR		702	702	Fibrosis
I.3	4290...PFU-M	140R	54	50	Fibrosis, codes: 535, 536
I.4	5529...VAK		703	703	Cardiac rhythm disorder
I.4	4290...PFU-M	140R	54	50	Cardiac rhythm disorder, codes: 537, 538
I.5	5530...VAR		704	704	Cardiac rate disorder
I.5	4290...PFU-M	140R	54	50	Cardiac rate disorder, codes: 539, 540
I.6	5531...VAR		705	705	Cardiac enlargement
I.6	4290...PFU-M	140R	54	50	Cardiac enlargement, codes: 541, 542
I.7	5532...VAK		706	706	Cardiac decompensation
I.7	4290...PFU-M	140R	54	50	Cardiac decompensation, codes: 543, 544
I.8	4290...PFU-M	140R	54	50	Abnormal aortic cusp, code: 730
I.9	4290...PFU-M	140R	54	50	Absent coronary artery, code: 582
I.9	4290...PFU-M	140R	54	50	Absent coronary sinus, code: 578
I.9	4290...PFU-M	140R	54	50	Absent renal artery, code: 591
I.9	4290...PFU-M	140R	54	50	Absent umbilical artery, code: 594
I.9	4290...PFU-M	140R	54	50	Aneurysm of pulmonary artery, sinus valve, code: 595

Form Item Numbers Linked to Data Items on PED-8, Neurological Diagnostic Summary

FORM	DATA	CAUSE	FORM	DATA	CAUSE
ITEM	ITEM	ITEM	ITEM	ITEM	ITEM
FORM	ITEM	ITEM	FORM	ITEM	ITEM
1.0	4290..PFU-M	1400	54	50 Anomalous; pulmonary venous connection ant/or return, code: 558	558
1.0	4290..PFU-M	1400	54	50 Anomalous; subclavian, right, code: 555	555
1.0	4290..PFU-M	1400	54	50 Anomalous muscle band at spotum, code: 720	720
1.0	4290..PFU-M	1400	54	50 Anomalous; vena cava, inferior, with azygous drainage, code: 594	594
1.0	4290..PFU-M	1400	54	50 Aorta, over-riding, code: 597	597
1.0	4290..PFU-M	1400	54	50 Aortic aneurysm, code: 540	540
1.0	4290..PFU-M	1400	54	50 Aortic arch; anomaly, code: 550	550
1.0	4290..PFU-M	1400	54	50 Aortic atresia, code: 547	547
1.0	4290..PFU-M	1400	54	50 Aortic mitral valve, code: 563	563
1.0	4290..PFU-M	1400	54	50 Atrial septal defect, code: 540	540
1.0	4290..PFU-M	1400	54	50 Atrioventricular canal (communication), code: 550	550
1.0	4290..PFU-M	1400	54	50 Mitral valve, code: 583	583
1.0	4290..PFU-M	1400	54	50 Mitral valve, post-op., code: 584	584
1.0	5533...VAM		707	70 Cardiovascular diagnosis, specific	
1.0	4290..PFU-M	1400	54	50 Cardiovascular diagnosis, specific	546
1.0	4290..PFU-M	1400	54	50 Carotid, missing (left), code: 575	575
1.0	4290..PFU-M	1400	54	50 Coarctation, code: 551	551
1.0	4290..PFU-M	1400	54	50 Common trunk, truncus arteriosus, code: 564	564
1.0	4290..PFU-M	1400	54	50 Cor bilocular, code: 586	586
1.0	4290..PFU-M	1400	54	50 Cor trilocular, code: 565	565
1.0	4290..PFU-M	1400	54	50 Ductus arteriosus, code: 541	541
1.0	4290..PFU-M	1400	54	50 Ebstein's complex, code: 586	586
1.0	4290..PFU-M	1400	54	50 Intracardiac septal defect with left -ve absent disc, code: 545	545
1.0	4290..PFU-M	1400	54	50 Intracardiac cushion effect, code: 567	567
1.0	4290..PFU-M	1400	54	50 Intracardiac sclerosis, code: 568	568
1.0	4290..PFU-M	1400	54	50 Heart, early degeneration, code: 596	596
1.0	4290..PFU-M	1400	54	50 Hypertrophic ventricle, right, code: 572	572
1.0	4290..PFU-M	1400	54	50 Hypoplastic; auricle (left), code: 562	562
1.0	4290..PFU-M	1400	54	50 Hypoplastic; atrium, left, code: 571	571
1.0	4290..PFU-M	1400	54	50 Hypoplastic; heart, left, code: 585	585
1.0	4290..PFU-M	1400	54	50 Hypoplastic; ventricle, right, code: 569	569
1.0	4290..PFU-M	1400	54	50 Inf. vena cava to aort., left atrium, code: 587	587
1.0	4290..PFU-M	1400	54	50 Mitral valve, bicuspid, left or rudiment valve, code: 560	560
1.0	4290..PFU-M	1400	54	50 Myocardial necrosis, code: 592	592
1.0	4290..PFU-M	1400	54	50 Pericarditis; vena cava, superior, code: 576	576
1.0	4290..PFU-M	1400	54	50 Pulmonary hemangiomatosis, code: 598	598
1.0	4290..PFU-M	1400	54	50 Pulmonary hypertension, code: 590	590
1.0	4290..PFU-M	1400	54	50 Pulmonary thrombosis or emboli, code: 599	599
1.0	4290..PFU-M	1400	54	50 Pulmonary atresia or hypoplasia, code: 577	577
1.0	4290..PFU-M	1400	54	50 Single; pulmonary vein and artery, code: 589	589
1.0	4290..PFU-M	1400	54	50 Situs inversus, transposition, dextroposition, code: 557	557

Form Item Numbers Linked to Data Items on PEPSH, HANDBOOK Diagnostic Summary

ITEM NO FORM	DATA ITEM IN	CARD NUM	FROM	TO	DATA ITEM NAME
J.11	4240..PFU-B	140A	54	56	cecum, bowel, duplication, code: 615
J.11	4240..PFU-B	140A	54	56	cholangia, code: 616
J.11	4240..PFU-B	140A	54	56	intestinal obstruction, code: 651
J.11	4240..PFU-B	140A	54	56	ischemic atresia, code: 610
J.11	4240..PFU-B	140A	54	56	mesenteric artery, code: 743
J.11	4240..PFU-B	140A	54	56	mesenteric artery disease (anomalies of ileum and colon), code: 746
J.11	4240..PFU-B	140A	54	56	hypoplastic small intestines, code: 611
J.11	4240..PFU-B	140A	54	56	intestine, prolapse, code: 747
J.11	4240..PFU-B	140A	54	56	intussusception, code: 745
J.11	4240..PFU-B	140A	54	56	Meckel's diverticulum, code: 645
J.11	4240..PFU-B	140A	54	56	meconium ileus, code: 648
J.11	4240..PFU-B	140A	54	56	meconium peritonitis, code: 640
J.11	4240..PFU-B	140A	54	56	metacolon, code: 650
J.11	4240..PFU-B	140A	54	56	mesenteric infarct, code: 744
J.11	4240..PFU-B	140A	54	56	mesentery, common, single mesentery, code: 646
J.11	4240..PFU-B	140A	54	56	microcolon, code: 647
J.11	4240..PFU-B	140A	54	56	multicystic cyst, code: 642
J.11	4240..PFU-B	140A	54	56	pancreas, anomalous share, code: 640
J.11	4240..PFU-B	140A	54	56	pancreas, dysplasia, code: 617
J.11	4240..PFU-B	140A	54	56	pancreas, ectopic, code: 618
J.11	4240..PFU-B	140A	54	56	pancreatitis, acute, code: 627
J.11	4240..PFU-B	140A	54	56	portal stenosis, code: 649
J.11	4240..PFU-B	140A	54	56	portal polyp, code: 653
J.11	4240..PFU-B	140A	54	56	rectal prolapse, code: 654
J.11	4240..PFU-B	140A	54	56	stomach ulcer (ulceric), code: 624
J.11	4240..PFU-B	140A	54	56	volvulus, code: 656
K.1	4240..PFU-B	140A	54	56	ileal duct, focal malformation, code: 667
K.1	4240..PFU-B	140A	54	56	ileal atresia, code: 665
K.1	4240..PFU-B	140A	54	56	ectopic spleen in pancreas, code: 672
K.1	4240..PFU-B	140A	54	56	gall bladder, anlage, code: 657
K.1	4240..PFU-B	140A	54	56	hepatoma; liver, subcapsular, code: 671
K.1	4240..PFU-B	140A	54	56	hepatomegaly, code: 673
K.1	4240..PFU-B	140A	54	56	hepatitis, giant cell, code: 668
K.1	4240..PFU-B	140A	54	56	hepatitis, herpetic, code: 669
K.1	4240..PFU-B	140A	54	56	intrahepatic vein thrombosis and hepatic infarction and necrosis, code: 670
K.1	5545....VAM		719	719	liver abnormality; bile duct abnormality; spleen abnormality
K.1	4240..PFU-B	140A	54	56	liver abnormality; bile duct abnormality; spleen abnormality, code: 661, 662
K.1	4240..PFU-B	140A	54	56	liver, degeneration, code: 666
K.1	4240..PFU-B	140A	54	56	spleen or liver capsule, tear, code: 674
K.1	4240..PFU-B	140A	54	56	spleen, absent, code: 663

Form Item Numbers Linked to Data Items on PFU-M, Newborn Diagnostic Summary

ITEM NM FORM	DATA ITEM IN	CARD NUM	FROM	IN	DATA ITEM NAME
1.1	4290..PFU-M	140R	54	56	absent, accessory, code: 664
1.1	5546...VAR		720	720	HYPOSPADIAS
1.1	4240..PFU-B	140R	54	56	HYPOSPADIAS, code: 658
1.2	5547...VAR		721	721	Chordee
1.2	4240..PFU-M	140R	54	56	Chordee, code: 659, 660
1.3	5548...VAR		722	722	Genitalia, external abnormality, other
1.3	4240..PFU-M	140R	54	56	Genitalia, external abnormality, other, codes: 661, 662
1.3	4290..PFU-B	140R	54	56	Genitalia, external abnormality, other, clitoral hypertrophy, code: 674
1.3	4240..PFU-M	140R	54	56	Genitalia, external abnormality, other, ventral foreskin - congenital, absence of, code: 676
1.4	5549...VAR		723	723	Minor urethra; urethral obstruction
1.4	4240..PFU-M	140R	54	56	Minor urethra; urethral obstruction
1.5	5550...VAR		724	724	Urethra; urethral obstruction, codes: 577, 678
1.5	4240..PFU-B	140R	54	56	Urethra; urethral obstruction, upper
1.6	5551...VAR		725	725	Urethra; urethral obstruction, lower, code: 679, 680
1.6	4290..PFU-B	140R	54	56	Cystic kidney
1.7	4240..PFU-M	140R	54	56	Cystic kidney, code: 681, 682
1.7	4240..PFU-B	140R	54	56	Absent gonadogenesis with persistence Mullerian duct, code: 716
1.7	4240..PFU-M	140R	54	56	Absent; bladder, right hemi-teritone, code: 713
1.7	4240..PFU-B	140R	54	56	Absent; kidney hilum, code: 714
1.7	4240..PFU-M	140R	54	56	Absent; ureter, code: 714
1.7	4240..PFU-B	140R	54	56	Absent; ureters (horn), code: 718
1.7	4240..PFU-M	140R	54	56	Agenesis; bladder, code: 715
1.7	4240..PFU-B	140R	54	56	Bladder diverticulum, code: 717
1.7	4240..PFU-M	140R	54	56	Cervix, double, code: 719
1.7	4240..PFU-B	140R	54	56	Dysgenesis; ovaries, code: 719
1.7	4240..PFU-M	140R	54	56	Kidney, code: 687
1.7	4240..PFU-B	140R	54	56	Ectrophy of bladder, code: 698
1.7	4240..PFU-M	140R	54	56	Follicular cyst; ovary, code: 699
1.7	4240..PFU-B	140R	54	56	Gartner's duct cyst, code: 699
1.7	5552...VAR		726	726	Genitourinary conditions, noninfectious, other
1.7	4240..PFU-M	140R	54	56	Genitourinary conditions, noninfectious, other, codes: 683, 684
1.7	4240..PFU-B	140R	54	56	Glomerular cyst, code: 720
1.7	4240..PFU-M	140R	54	56	Horseshoe kidney, code: 723
1.7	4240..PFU-B	140R	54	56	Hydronephrosis, code: 685
1.7	4240..PFU-M	140R	54	56	Hydronephrosis, code: 690
1.7	4240..PFU-B	140R	54	56	Hydronephrosis; bladder, code: 705
1.7	4240..PFU-M	140R	54	56	Hypoplastic kidney, code: 704
1.7	4240..PFU-B	140R	54	56	Hypoplastic kidney and vulva, code: 689
1.7	4240..PFU-M	140R	54	56	Kidney, decreased function, code: 724
1.7	4240..PFU-B	140R	54	56	Kidney, non-functioning, code: 721
1.7	4240..PFU-M	140R	54	56	Kidney, simple, code: 710
1.7	4240..PFU-B	140R	54	56	Ovary, multicystic, code: 706

Form Item Numbers Linked to Data Items on PED-M, Hematologic Diagnostic Summary

ITEM ON FORM	DATA ITEM ID	CARD NUM	FROM	TO	DATA ITEM NAME
1.7	1240...PFU-M	1408	54	56	penile hypospadias with hypoplastic testes, codes: 691
1.7	1240...PFU-M	1408	54	56	peritubercular cyst, code: 692
1.7	1240...PFU-M	1408	54	56	polycystic testicle, code: 704
1.7	1240...PFU-M	1408	54	56	pseudoherniorrhaphy, code: 693
1.7	1240...PFU-M	1408	54	56	proctourethral fistula, code: 709
1.7	1240...PFU-M	1408	54	56	proctovaginal fistula, code: 700
1.7	1240...PFU-M	1408	54	56	penal intact, code: 703
1.7	1240...PFU-M	1408	54	56	renal tubular dysfunction, transient, code: 795
1.7	1240...PFU-M	1408	54	56	scrotum fixed to half length of penis with chordee, codes: 694
1.7	1240...PFU-M	1408	54	56	ureter, ureters, tonsils, code: 708
1.7	1240...PFU-M	1408	54	56	ureters, parathyroid, stenosis, code: 711
1.7	1240...PFU-M	1408	54	56	urethral meatus ectopic, code: 688
1.7	1240...PFU-M	1408	54	56	uric acid deposits: tubules, code: 712
1.7	1240...PFU-M	1408	54	56	ureas, oliguria, code: 785
1.7	1240...PFU-M	1408	54	56	vagina, cystic mass protruding from, code: 787
1.7	1240...PFU-M	1408	54	56	vagina, tubule, code: 717
1.7	1240...PFU-M	1408	54	56	vaginal cyst, code: 697
1.7	1240...PFU-M	1408	54	56	vaginal cancer: prolept, code: 698
1.7	1240...PFU-M	1408	54	56	neoplasia (primary), code: 988
1.7	1240...PFU-M	1408	54	56	neoplasia, code: 996
1.7	1240...PFU-M	1408	54	56	leukemia, code: 814
1.7	1240...PFU-M	1408	54	56	lung: tumor of bronchial origin, large (sarcoma?), code: 990
1.7	1240...PFU-M	1408	54	56	mass, intra-abdominal calcified, code: 997
1.7	1240...PFU-M	1408	54	56	mass, necr, code: 998
1.7	1240...PFU-M	1408	54	56	neoplastic disease, tumors, specified
1.7	1240...PFU-M	1408	54	56	neoplastic disease, tumors, specified, codes: 701, 702
1.7	1240...PFU-M	1408	54	56	neuroblastoma, code: 995
1.7	1240...PFU-M	1408	54	56	ovarian - cystic filling, code: 812
1.7	1240...PFU-M	1408	54	56	retaloma: retroperitoneal area, code: 992
1.7	1240...PFU-M	1408	54	56	tumor (carcinoma) lung, code: 993
1.7	1240...PFU-M	1408	54	56	allies, tumor, code: 994
1.7	1240...PFU-M	1408	54	56	erythroblastosis
1.7	1240...PFU-M	1408	54	56	erythroblastosis, codes: 719, 720
1.7	1240...PFU-M	1408	54	56	erythroblastosis: no incompatibility
1.7	1240...PFU-M	1408	54	56	erythroblastosis: no incompatibility, codes: 721, 722
1.7	1240...PFU-M	1408	54	56	erythroblastosis: no incompatibility
1.7	1240...PFU-M	1408	54	56	erythroblastosis: no incompatibility, codes: 723, 724
1.7	1240...PFU-M	1408	54	56	erythroblastosis: other specified
1.7	1240...PFU-M	1408	54	56	erythroblastosis, other, specified, codes: 725, 726
1.7	1240...PFU-M	1408	54	56	erythroblastosis, other: incompatibility, code: 728
1.7	1240...PFU-M	1408	54	56	erythroblastosis, other: LEA factor, code: 727
1.7	1240...PFU-M	1408	54	56	hemolytic disease, other
1.7	1240...PFU-M	1408	54	56	hemolytic disease, other, codes: 741, 742

Form Item Numbers Listed in Data Items on Form, Hematology Diagnostic Summary

ITEM ON FORM	DATA ITEM IN	CARR NUM	FROM	TO	DATA ITEM NAME
N.6	5550....VAR	1400	733	733	Coagulation defect
N.6	4290...PFU=H	1400	54	56	Coagulation defect, specify, codes: 751, 752
N.6	4290...PFU=H	1400	54	56	Coagulation defect; factor 7 (VII), code: 753
N.6	4290...PFU=H	1400	54	56	Coagulation defect; factor X (XII), code: 754
N.6	4290...PFU=H	1400	54	56	Coagulation defect; hypofibrinogenemia, code: 758
N.6	4290...PFU=H	1400	54	56	Coagulation defect; SPCA and/or PTC, code: 755
N.6	4290...PFU=H	1400	54	56	Coagulation defect; thrombocytopenia, code: 750
N.6	4290...PFU=H	1400	54	56	Coagulation defect; vitamin K def., code: 756
N.7	5560....VAR	1400	734	734	Blood loss, intracranial
N.7	4290...PFU=H	1400	54	56	Blood loss, intracranial, codes: 761, 762
N.8	5561....VAR	1400	735	735	Hemorrhage, major, other specified site
N.8	4290...PFU=H	1400	54	56	Hemorrhage, major, other specified site, codes: 763, 764
N.9	5562....VAR	1400	736	736	Hematologic conditions, other
N.9	4290...PFU=H	1400	54	56	Hematologic conditions, other, codes: 765, 766
N.1	5563....VAR	1400	737	737	Hematomas; straberry/strawberry
N.1	4290...PFU=H	1400	54	56	Hematomas; straberry/strawberry, codes: 815, 816
N.2	5564....VAR	1400	738	738	Hematomas; cavernous
N.2	4290...PFU=H	1400	54	56	Hematomas; cavernous, codes: 817, 818
N.3	5565....VAR	1400	739	739	Nevus, hairy
N.3	4290...PFU=H	1400	54	56	Nevus, hairy, code: 820
N.4	5566....VAR	1400	740	740	Lymphadenoma
N.4	4290...PFU=H	1400	54	56	Lymphadenoma, codes: 821, 822
N.5	5567....VAR	1400	741	741	Scalpoma
N.5	4290...PFU=H	1400	54	56	Scalpoma, code: 823, 824
N.6	5568....VAR	1400	742	742	Echymosis, severe
N.6	4290...PFU=H	1400	54	56	Echymosis, severe, code: 826
N.7	5569....VAR	1400	743	743	Petechiae, significant
N.7	4290...PFU=H	1400	54	56	Petechiae, significant, code: 828
N.8	5570....VAR	1400	744	744	Widow's, supernumerary
N.8	4290...PFU=H	1400	54	56	Widow's, supernumerary, codes: 829, 830
N.9	5571....VAR	1400	745	745	Cala au lait spots
N.9	4290...PFU=H	1400	54	56	Cala au lait spots, code: 832
N.10	4290...PFU=H	1400	54	56	Lack of subcutaneous fat, code: 838
N.10	5572....VAR	1400	746	746	Skin conditions and malformations, other noninfectious
N.10	4290...PFU=H	1400	54	56	Skin conditions and malformations, other noninfectious, codes: 839, 840
N.10	4290...PFU=H	1400	54	56	Subcutaneous emphysema, code: 830
N.10	4290...PFU=H	1400	54	56	Vitellium, code: 836
N.10	4290...PFU=H	1400	54	56	Widow's neck, code: 838
N.10	4290...PFU=H	1400	54	56	White forehead, code: 837
P.1	5573....VAR	1400	747	747	Infection; kerion
P.1	4290...PFU=H	1400	54	56	Infection; kerion, codes: 863, 864
P.2	5574....VAR	1400	748	748	Infection; central nervous system

Form Item Numbers Linked to Data Items on PFU-8, Headed Diagnostic Summary

ITEM ON FORM	DATA ITEM IN	CANN NUM	FROM	IN	DATA ITEM NAME
P. 2	4290...PFU-8	140R	54	56	Infections: central nervous system, codes: 865, 866
P. 2	5574...VAR	140R	748	748	Infections: CNS
P. 3	5575...VAR	140R	749	749	Infections: respiratory
P. 3	4290...PFU-8	140R	54	56	Infections: respiratory, codes: 867, 868
P. 4	5576...VAR	140R	750	750	Infections: urinary tract
P. 4	4290...PFU-8	140R	54	56	Infections: urinary tract, codes: 869, 870
P. 5	5577...VAR	140R	751	751	Infections: bone and joint
P. 5	4290...PFU-8	140R	54	56	Infections: bone and joint, codes: 871, 872
P. 6	5578...VAR	140R	752	752	Infections: heart
P. 6	4290...PFU-8	140R	54	56	Infections: heart, codes: 873, 874
P. 7	5579...VAR	140R	753	753	Infections: gastrointestinal
P. 7	4290...PFU-8	140R	54	56	Infections: gastrointestinal, codes: 875, 876
P. 8	5580...VAR	140R	754	754	Infections: eye
P. 8	4290...PFU-8	140R	54	56	Infections: eye, codes: 877, 878
P. 9	5581...VAR	140R	755	755	Infections: ear
P. 9	4290...PFU-8	140R	54	56	Infections: ear, codes: 879, 880
P. 10	5582...VAR	140R	756	756	Infections: cutaneous
P. 10	4290...PFU-8	140R	54	56	Infections: cutaneous, codes: 881, 882
P. 11	5583...VAR	140R	757	757	Infections: mucous membrane
P. 11	4290...PFU-8	140R	54	56	Infections: mucous membrane, codes: 883, 884
P. 12	5584...VAR	140R	758	758	Infections: other
P. 12	4290...PFU-8	140R	54	56	Infections: other, codes: 885, 886
O. 1	5585...VAR	140R	759	759	Mongolism (Down syndrome)
O. 1	4290...PFU-8	140R	54	56	Mongolism (Down syndrome), codes: 887, 888
O. 2	5586...VAR	140R	760	760	Conatal dysgenesis
O. 2	4290...PFU-8	140R	54	56	Conatal dysgenesis, codes: 889, 890
O. 3	5587...VAR	140R	761	761	Adrenogenital syndrome
O. 3	4290...PFU-8	140R	54	56	Adrenogenital syndrome, codes: 891, 892
O. 4	5588...VAR	140R	762	762	Hartn syndrome
O. 4	4290...PFU-8	140R	54	56	Hartn syndrome, codes: 893, 894
O. 5	5589...VAR	140R	763	763	Pierre Robin syndrome
O. 5	4290...PFU-8	140R	54	56	Pierre Robin syndrome, codes: 895, 896
O. 6	4290...PFU-8	140R	54	56	Acrocephaly-syndactyly of Apert, code: 901
O. 6	4290...PFU-8	140R	54	56	Chondro-strophic calcifications congenita, code: 902
O. 6	4290...PFU-8	140R	54	56	Cleidocranial dysostosis, code: 904
O. 6	4290...PFU-8	140R	54	56	Cornelia Li Lange syndrome, code: 905
O. 6	4290...PFU-8	140R	54	56	Cranio carpal tarsal dysostosis syndrome, code: 925
O. 6	4290...PFU-8	140R	54	56	Deady-Walker syndrome, code: 907
O. 6	4290...PFU-8	140R	54	56	Boyle's syndrome, code: 908
O. 6	4290...PFU-8	140R	54	56	Horner's syndrome, code: 909
O. 6	4290...PFU-8	140R	54	56	Knoedel Salus Eisenring syndrome, code: 910
O. 6	4290...PFU-8	140R	54	56	Loe's syndrome, code: 911
O. 6	4290...PFU-8	140R	54	56	Osteogenesis imperfecta, code: 906

FOR ITEM NUMBERS LINKED TO DATA ITEMS ON FEU-H, NEWBORN DIAGNOSTIC SUMMARY

ITEM ON FORM	DATA ITEM IN	CARD NUM	FROM	TO	DATA ITEM NAME
P.6	4290..PFU-H	140A	54	56	Post tubella syndrome, code: 913
P.6	4290..PFU-H	140A	54	56	Potter's syndrome, code: 912
P.6	4290..PFU-H	140A	54	56	Stueg inversion, code: 914
P.6	5590....VAR		764	764	Syndromes, other
P.6	4290..PFU-H	140A	54	56	Syndromes, other, codes: 907, 908
P.6	4290..PFU-H	140A	54	56	Trisomy, code: 903
P.1	5541....VAR		765	765	Cretinism; hypothyroidism, infantile, codes: 915, 916
P.1	4290..PFU-H	140A	54	56	Cretinism; hypothyroidism, infantile, codes: 915, 916
P.2	5592....VAR		766	766	Endocrine disease of pancreas; cystic fibrosis
P.2	4290..PFU-H	140A	54	56	Endocrine disease of pancreas; cystic fibrosis, codes: 917, 918
P.3	5593....VAR		767	767	Hypocalcemia, symptomatic (presumed)
P.3	4290..PFU-H	140A	54	56	Hypocalcemia, symptomatic (presumed), codes: 919, 920
P.4	5594....VAR		768	768	Hypoglycemia, symptomatic (presumed)
P.4	4290..PFU-H	140A	54	56	Hypoglycemia, symptomatic (presumed), codes: 921, 922
P.5	4290..PFU-H	140A	54	56	Albinism, code: 928
P.5	4290..PFU-H	140A	54	56	Glucose-6-phosphate dehydrogenase def., code: 929
P.5	4290..PFU-H	140A	54	56	Glycogen storage disease, code: 926
P.5	5595....VAR		769	769	Inborn errors of metabolism
P.5	4290..PFU-H	140A	54	56	Inborn errors of metabolism, codes: 923, 924
P.5	4290..PFU-H	140A	54	56	Sex linked recessive, cataract, mental retardation, renal function abnormality, code: 930
P.6	4290..PFU-H	140A	54	56	Adrenal atrophy; hypoblastia, hemorrhage, necrosis, code: 939
P.6	4290..PFU-H	140A	54	56	Adrenal hypoplasia, code: 940
P.6	4290..PFU-H	140A	54	56	Congenital adrenocortical, code: 941
P.6	5596....VAR		770	770	Endocrine diseases, other; metabolic diseases, other
P.6	4290..PFU-H	140A	54	56	Endocrine diseases, other; metabolic diseases, other, codes: 937, 938
P.6	4290..PFU-H	140A	54	56	Frontal and parietal bones, under mineralization of, code: 973
P.6	4290..PFU-H	140A	54	56	Gitter, code: 953
P.6	4290..PFU-H	140A	54	56	Hypertrophic osteitis; mother's milk, code: 942
P.6	4290..PFU-H	140A	54	56	Hypertrophic osteitis, code: 943
P.6	4290..PFU-H	140A	54	56	Hypertrophic osteitis; thyroid, code: 944
P.6	4290..PFU-H	140A	54	56	Hypertrophic islets of Langerhans, code: 945
P.6	4290..PFU-H	140A	54	56	Hypertrophic osteitis, code: 946
P.6	4290..PFU-H	140A	54	56	Hypertrophic, a, code: 947
P.6	4290..PFU-H	140A	54	56	Hypertrophic osteitis, code: 948
P.6	4290..PFU-H	140A	54	56	Hypertrophic osteitis, code: 949
P.6	4290..PFU-H	140A	54	56	Rickets and crurvy, code: 940
P.1	5610....VAR		784	784	Diseases and conditions, other specified
P.1	4290..PFU-H	140A	54	56	Diseases and conditions, other specified, codes: 951, 952
P.1	4290..PFU-H	140A	54	56	Fever of undetermined etiology, F.U.U., code: 953
P.1	4290..PFU-H	140A	54	56	Hypertrophic, code: 954

Form Item Numbers linked to data items on PFD-H, Newborn Diagnostic Summary

ITEM NM	DATA ITEM	CAKD NM	PAGE	TO	DATA ITEM NAME
S.1	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
S.1	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, code: 955
S.1	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
S.1	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
S.1	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
T.1	5407....VAM	140A	771	771	SILICONE EMBOUSURE, simple, code: 957
T.1	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.2	5498....VAM	140A	772	772	HYPOGLYCEMIA, code: 955
T.2	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
T.3	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
T.3	5492....VAM	140A	773	773	SILICONE EMBOUSURE, simple, code: 957
T.4	5600....VAM	140A	774	774	SILICONE EMBOUSURE, simple, code: 957
T.4	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.5	5601....VAM	140A	775	775	HYPOGLYCEMIA, code: 955
T.5	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
T.6	5602....VAM	140A	776	776	SILICONE EMBOUSURE, simple, code: 957
T.6	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.7	5603....VAM	140A	777	777	HYPOGLYCEMIA, code: 955
T.7	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
T.8	5604....VAM	140A	778	778	SILICONE EMBOUSURE, simple, code: 957
T.8	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.9	5605....VAM	140A	779	779	HYPOGLYCEMIA, code: 955
T.9	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
T.10	5606....VAM	140A	780	780	SILICONE EMBOUSURE, simple, code: 957
T.10	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.11	5607....VAM	140A	781	781	HYPOGLYCEMIA, code: 955
T.11	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
T.12	5608....VAM	140A	782	782	SILICONE EMBOUSURE, simple, code: 957
T.12	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.13	5609....VAM	140A	783	783	HYPOGLYCEMIA, code: 955
T.13	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
T.14	5610....VAM	140A	784	784	SILICONE EMBOUSURE, simple, code: 957
T.14	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.15	5611....VAM	140A	785	785	HYPOGLYCEMIA, code: 955
T.15	4290..PFD-B	140A	54	56	MACROSCALIA, code: 958
T.16	5612....VAM	140A	786	786	SILICONE EMBOUSURE, simple, code: 957
T.16	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.17	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.18	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.19	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.20	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.21	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.22	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.23	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.24	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.25	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.26	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.27	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.28	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.29	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950
T.30	4290..PFD-B	140A	54	56	HYPOGLYCEMIA, chemical, code: 950

Form Item Numbers linked to Data Items on PFU-H, Neutrophil Diagnostic Summary

ITEM NO FORM	DATA ITEM ID	CARD NUM	FROM	TO	DATA ITEM NAME
13	4281..PFU-H	1408	45	45	Alimentary tract: malformation or condition
13	4282..PFU-H	1408	46	46	Cardiovascular conditions
13	4283..PFU-H	1408	47	47	CNS: malformations
13	4284..PFU-H	1408	48	48	Ear conditions
13	4285..PFU-H	1408	49	49	Endocrine diseases: metabolic disease
13	4286..PFU-H	1408	50	50	Eye conditions
13	4287..PFU-H	1408	51	51	Gastrointestinal conditions
13	4288..PFU-H	1408	52	52	Infection
13	4289..PFU-H	1408	53	53	Information sources: summary code
13	4290..PFU-H	1408	54	54	Liver abnormality: bile duct abnormality; spleen abnormality
13	4291..PFU-H	1408	55	55	Medical conditions, others: etiologic impressions, presumptive; summary
13	4292..PFU-H	1408	56	56	Mouth conditions: respiratory tract, upper, conditions
13	4293..PFU-H	1408	57	57	Musculoskeletal abnormality, number of
13	4294..PFU-H	1408	58	58	Neoplastic condition
13	4295..PFU-H	1408	59	59	Neurologic abnormality, number of
13	4296..PFU-H	1408	60	60	PFU-H diagnoses: seizure, data availability, any info in variable file locations 507-HMB, 1-HB, 2-HB
13	4297..PFU-H	1408	61	61	Procedures, number of
13	4298..PFU-H	1408	62	62	Respiratory abnormality
13	4299..PFU-H	1408	63	63	Skin: malformations or conditions
13	4300..PFU-H	1408	64	64	Synovial
13	4301..PFU-H	1408	65	65	Thoracic conditions
13	4302..PFU-H	1408	66	66	Neurologic abnormality, number of, (PFU-H sect A)
13	4303..PFU-H	1408	67	67	Central nervous system malformation and related skeletal conditions, number of, (PFU-H sect B)
13	4304..PFU-H	1408	68	68	Musculoskeletal abnormality, number of, (PFU-H sect C)
13	4305..PFU-H	1408	69	69	Eye conditions, number of, (PFU-H sect D)
13	4306..PFU-H	1408	70	70	Ear conditions, number of, (PFU-H sect E)
13	4307..PFU-H	1408	71	71	Ural conditions: respiratory tract, upper, conditions, number of, (PFU-H sect F)
13	4308..PFU-H	1408	72	72	Thoracic abnormality, number of, (PFU-H sect G)
13	4309..PFU-H	1408	73	73	Respiratory abnormality
13	4310..PFU-H	1408	74	74	Cardiovascular conditions, number of, (PFU-H sect I)
13	4311..PFU-H	1408	75	75	Alimentary tract malformations and conditions, number of, (PFU-H sect J)
13	4312..PFU-H	1408	76	76	Liver abnormality: bile duct abnormality; spleen abnormality, number of, (PFU-H sect K)
13	4313..PFU-H	1408	77	77	Gastrointestinal conditions, number of, (PFU-H sect L)
13	4314..PFU-H	1408	78	78	Neoplastic diseases: tumors, number of, (PFU-H sect M)
13	4315..PFU-H	1408	79	79	Neurologic conditions, number of, (PFU-H sect N)
13	4316..PFU-H	1408	80	80	Skin conditions and malformations, number of, (PFU-H sect O)

Form Item Numbers Linked to Data Items on PED-M, Yawning Diagnostic Summary

ITEM ON FORM	DATA ITEM IN	CASH		FROM	TO	DATA ITEM NAME
		MIN	MAX			
13.P	5628.....VAN			802	802	802 Interaction, number of, (PED-M sect U)
13.J	5629.....VAN			803	803	803 Syndrome, number of, (PED-M sect U)
13.W	5630.....VAN			804	804	804 Endocrine diseases; metabolic diseases, number of, (PED-M sect R)
13.S.13.0	5632.....VAN			806	806	806 Diseases, conditions and prescriptive etiological impressions not elsewhere specified, number of, (PED-M sect S & U)
13.T	5631.....VAN			805	805	805 Procedures, number of, (PED-M sect T)

DEFINITION OF CODES
NEWBORN DIAGNOSTIC SUMMARY
FORM PED-8 CARD 1408

<u>FIELD</u>		<u>CARD COLUMNS</u>
1.	<u>Card Number</u> Code: 1	1
2.	<u>Form Number</u> Code: 408	2-4
3.	<u>Revision Number</u> Code: 0 - Form Dated: 1/63 (Livebirths) 1 - Form Dated: 1/63 (Stillbirths)	5
4.	<u>MINDB Number</u> Nine-digit number for Patient Identification. Code: As given	6-14
5.	<u>Date of Birth</u> Six-digit code for month (cols. 15-16), day (cols. 17-18) and year (cols. 19-20) Code: As given	15-20
6.	<u>Date of Discharge</u> Item 5 Code: Same as in Field 5	21-26
7.	<u>Age at Discharge</u> Code: 000 - Less than 1 day 001-997 - Days as given 998 - 998 days or more 999 - Not reported	27-29
8.	<u>Dysmaturity</u> Item 9 Code: 0 - No signs 1 - Stage 1 2 - Stage 2 3 - Stage 3 4 - Equivocal signs 9 - Not reported	30

* Unless specified, codes and card columns refer to Revs. "0" and "1". Item numbers refer to Form Dated: 1/63

DEFINITION OF CODES (Continued)

FORM PED-8
Card 1408

FIELD

CARD
COLUMN

9. Procedures
Section T
Code: 0 - None
1-8 - As given
9 - Nine or more reported
31
10. Other Conditions and Presumptive Etiologic Conditions
Sections S and U
Code: 0 - None
1 - Other conditions only
2 - Presumed anoxia only
3 - Presumed trauma only
4 - Combination of codes 2 and 3
5 - Combination of codes 1 and 2
6 - Combination of codes 1 and 3
7 - Combination of codes 1, 2 and 3
32
11. Information Source
Section V
Code: 0 - No report
1 - Study record only
2 - Nursery record only
3 - Additional record only
4 - Combination of codes 1 and 2
5 - Combination of codes 1 and 3
6 - Combination of codes 2 and 3
7 - Combination of codes 1, 2 and 3
33
12. Total Number of Abnormalities Reported
Code: 00 - None
01-98 - As given
99 - 99 or more
34-35
13. Neurologic Abnormality
Section W
Code: Same as in Field 9
36

DEFINITION OF CODES (Continued)

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14.	<u>Central Nervous System Malformations</u>	37
	Section B Code: Same as in Field 9	
15.	<u>Musculoskeletal Abnormality</u>	38
	Section C Code: Same as in Field 9	
16.	<u>Eye Conditions</u>	39
	Section D Code: Same as in Field 9	
17.	<u>Ear Conditions</u>	40
	Section E Code: Same as in Field 9	
18.	<u>Upper Respiratory Tract and Mouth Conditions</u>	41
	Section F Code: Same as in Field 9	
19.	<u>Thoracic Conditions</u>	42
	Section G Code: Same as in Field 9	
20.	<u>Respiratory Abnormality</u>	43
	Section H Code: Same as in Field 9	
21.	<u>Cardio-vascular Conditions</u>	44
	Section I Code: Same as in Field 9	
22.	<u>Alimentary Tract Malformations and Other Conditions</u>	45
	Section J Code: Same as in Field 9	
23.	<u>Abnormality of Liver, Bile Ducts and Spleen</u>	46
	Section K Code: Same as in Field 9	

DEFINITION OF CODES (Continued)

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COLUMN

- | | | |
|-----|---|-------|
| 24. | <u>Genito-urinary Conditions</u>
Section L
Code: Same as in Field 9 | 47 |
| 25. | <u>Neoplastic Conditions</u>
Section M
Code: Same as in Field 9 | 48 |
| 26. | <u>Hematologic Conditions</u>
Section N
Code: Same as in Field 9 | 49 |
| 27. | <u>Skin Conditions and Malformations</u>
Section O
Code: Same as in Field 9 | 50 |
| 28. | <u>Infection</u>
Section P
Code: Same as in Field 9 | 51 |
| 29. | <u>Syndromes</u>
Section Q
Code: Same as in Field 9 | 52 |
| 30. | <u>Other Endocrine or Metabolic Disease</u>
Section R
Code: Same as in Field 9 | 53 |
| 31. | <u>First Diagnosis or Procedure</u>
Code: See Attachment -
"Diagnoses and Procedures" | 54-56 |
| 32. | <u>Second Through Ninth Diagnoses</u>
Code: Same as in Field 31 if needed | 57-60 |

Note: Card 2 required if 10-18 diagnoses reported. Codes same as in Card 1 except card col. 1 is "2".

Card 3 required if 19-27 diagnoses reported. Codes same as in Card 1 except card col. 1 is "3".

Card 4 required if 28-36 diagnoses reported. Codes same as in Card 1 except card col. 1 is "4".

Card 5 required if 37-45 diagnoses reported. Codes same as in Card 1 except card col. 1 is "5".

Card 6 required if 46-54 diagnoses reported. Codes same as in Card 1 except card col. 1 is "6".

Diagnoses and Procedures

<u>Code *</u>	<u>Name</u>	<u>Code *</u>	<u>Name</u>
<u>Neurologic Abnormality</u>			
001, 002	Brain abnormality	187, 188	Hydranencephaly
003, 004	Seizures	189, 190	Hydrocephaly
005, 006	Myoclonus	191, 192	Craniosynostosis
007, 008	Hypertonia	193, 194	Abnormal separation of sutures
009, 010	Jitteriness or tremulousness	195, 196	Abnormal shape of skull
011, 012	Hyperactivity	197, 198	Encephalocele
	<u>Paralysis - Paresis</u>	199, 200	Meningocele/meningocele
013, 014	Hemi-	201, 202	Pilonidal sinus (not disgle)
015, 016	Para-	203, 204	Other midline sinuses specify
017, 018	Tetra-	223, 224	Other, specify
019, 020	Other, specify		
049, 050	Hypotonia	<u>Musculoskeletal Abnormality</u>	
051, 052	Hypoactivity	253, 254	Vertebral abnormality
053, 054	Lethargy	255, 256	Talipes equinovarus
055, 056	Asymmetry of reflexes, activity, or tone	257, 258	Metatarsus adductus
057, 058	Symmetrical, but abnormal reflexes	259, 260	Calcaneo valgus
059, 060	Abnormal Moro	261, 262	Congenital dislocation or dysplasia of the hip
061, 062	Abnormal cry	263, 264	Absence or hypoplasia of extremity or part specify
063, 064	Abnormal suck	294	Polydactyly
065, 066	Other, specify	296	Syndactyly
	<u>Abnormal Brain Status</u>	297, 298	Torticollis
090	Transient	299, 300	Arthrogryposis multiplex
092	Persistent	301, 302	Achondroplasia
094	One or no exam	303, 304	Fractured clavicle
	<u>Peripheral or cranial nerve abnormality</u>	305, 306	Fractures, other
095, 096	Brachial	333, 334	Other, specify
097, 098	Facial		
099, 100	Ocular	<u>Eye Conditions</u>	
101, 102	Other, specify	351, 352	Chorio-retinitis
	<u>Other neurologic abnormality</u>	353, 354	Retrolental fibroplasia
119, 120	Fractured skull	355, 356	Cataract
121, 122	Cephalhematoma	357, 358	Corneal opacity
123, 124	Intracranial hemorrhage	359, 360	Microphthalmia
133, 134	Spinal cord abnormality, specify	361, 362	Blindness
153, 154	Other, specify	363, 364	Nystagmus
		365, 366	Other, specify
	<u>Central Nervous System Malformations: Related</u>		
	<u>Skeletal Conditions</u>		
184	Anencephaly		
185, 186	Microcephaly		

* Odd number codes indicate suspect diagnosis; even number codes indicate definite diagnosis.

Diagnoses and Procedures (Continued)

<u>Code *</u>	<u>Name</u>	<u>Code *</u>	<u>Name</u>
<u>Ear Conditions</u>		<u>Significant Respiratory Events</u>	
391, 392	Low set ears	522	Primary apnea
393, 394	Deformed ear pinna	524	Single apneic episode
395, 396	Branchial cleft anomaly	526	Multiple apneic episodes
397, 398	Deafness	528	Resuscitation-- <u>during</u> first 5 minutes of life
399, 400	Other, specify	530	Resuscitation-- <u>after</u> first 5 minutes of life
<u>Upper Respiratory Tract and Mouth Conditions</u>		<u>Cardiovascular Conditions</u>	
419, 420	Choanal atresia	531, 532	Cyanotic CHD
422	Cleft palate	533, 534	Cyanotic CHD
424	Cleft uvula (bifid)	535, 536	Fibroelastosis
426	Cleft lip	537, 538	Disorders of rhythm
428	Cleft gum	539, 540	Disorders of rate
429, 430	Micrognathia	541, 542	Cardiac enlargement
431, 432	Malformation of epiglottis and larynx	543, 544	Decompensation
433, 434	Other, specify	546	Specific C-V diagnosis
<u>Thoracic Abnormality</u>		573, 574	Other, specify
447, 448	Anomaly of diaphragm	<u>Alimentary Tract Malformations</u>	
449, 450	Anomaly of lung, specify	<u>Other Conditions</u>	
459, 460	Anomaly of chest wall, specify	601, 602	Tracheo-esophageal fistula
467, 468	Pectus excavatum	603, 604	Duodenal atresia
469, 470	Other, specify	605, 606	Malrotation
<u>Respiratory Abnormality</u>		608	Omphalocele
479, 480	Respiratory distress syndrome (Hyaline membrane disease)	609, 610	Visceral perforation
481, 482	Primary atelectasis	612	Imperforate anus
483, 484	Pneumonia	613, 614	Hernia, specify
485, 486	Aspiration <u>before</u> or <u>during</u> delivery	615, 616	Inguinal
487, 488	Aspiration <u>after</u> delivery	617, 618	Femoral
489, 490	Pulmonary hemorrhage	621, 622	Other (non-infectious)
491, 492	Cardiac conditions	<u>Abnormality of Liver, Bile Ducts, and/or Spleen</u>	
493, 494	C.N.S. abnormality	641, 642	Specify, non-infectious
495, 496	Metabolic imbalance	<u>Genitourinary Conditions</u>	
497, 498	Other, specify	658	Hypospadias
511, 512	Unknown condition	659, 660	Chordee
<u>Associated Degree of Respiratory Distress</u>		661, 662	Other abnormalities of external genitalia
514	None	677, 678	Bladder outflow or urethral obstruction
516	Slight	679, 680	Upper tract obstruction
518	Moderate		
520	Marked		

* Odd number codes indicate suspect diagnosis; even number codes indicate definite diagnosis.

Diagnoses and Procedures (Continued)

<u>Code *</u>	<u>Name</u>	<u>Code*</u>	<u>Name</u>
681, 682	Cystic kidney	877, 878	Eye
683, 684	Other, non-infectious	879, 880	Ear
		881, 882	Cutaneous
		883, 884	Mucous membranes
		885, 886	Other, specify
	<u>Neoplastic Disease And/Or</u>		
	<u>Other Tumors</u>		
701, 702	Specify, type and organ		<u>Syndromes</u>
	<u>Hemolytic Conditions</u>	887, 888	Mongolism
719, 720	Erythroblastosis	889, 890	Gonadal dysgenesis
721, 722	Rh	891, 892	Adrenogenital
723, 724	ABO	893, 894	Marfan's
725, 726	Other, specify	895, 896	Pierre Robin
741, 742	Other hemolytic disease	897, 898	Other syndromes, specify
751, 752	Coagulation defect, specify		<u>Other Endocrine or Metabolic Disease</u>
761, 762	Intra-uterine blood loss	915, 916	Cretinism
763, 764	Other major hemorrhage, specify site	917, 918	Fibrocystic disease of pancreas
765, 766	Other, specify	919, 920	Presumed symptomatic hypocalcemia
	<u>Skin Conditions and Malformations</u>	921, 922	Presumed symptomatic hypoglycemia
815, 816	Strawberry/portwine hemangioma	923, 924	Inborn errors of metabolism specify
817, 818	Cavernous hemangioma	937, 938	Other, specify
820	Hairy nevus		<u>Other Conditions</u>
821, 822	Lymphangioma	951, 952	Specify
823, 824	Sclerema		<u>Procedures</u>
826	Severe ecchymosis	965	Simple blood transfusions
828	Significant petechiae	966	Exchange transfusions
829, 830	Supernumerary nipples	967	Parenteral fluids
832	Café au lait spots	968	Spinal puncture
833, 834	Other, specify	969	Subdural puncture
	<u>Infection</u>	970	Ventricular puncture
863, 864	Septicemia	971	General anesthesia
865, 866	Central nervous system	972	Surgery, specify
867, 868	Respiratory	982	Chromosome studies
869, 870	Urinary tract	983	X-ray and/or fluoroscopy
871, 872	Bone and joint	984	Antibiotics
873, 874	Heart		
875, 876	Gastrointestinal		

* Odd number codes indicate suspect diagnosis; even number codes indicate definite diagnosis.

Diagnoses and Procedures (Continued)

<u>Code *</u>	<u>Name</u>
985	E.E.G.
986	Other, specify

Presumptive Etiologic Impressions

987	Presumed anoxia
988	Presumed trauma

* Odd number codes indicate suspect diagnosis; even number codes indicate definite diagnosis.

Diagnoses and Procedures (Continued)

Additional Codes for Other Specified Conditions*

<u>Code*</u>	<u>Name</u>	<u>Code*</u>	<u>Name</u>
	<u>Central Nervous System</u>	284	Ulna
	<u>Malformations: Related</u>	285	Cleft hallux
	<u>Skeletal Conditions</u>	286	Hand
226	Absence of corpus callosum	287	Anomalies of ribs
227	Macrocephaly	288	Fingers
228	Absence or hypoplasia of olfactory nerve and/or bulb	289	Absent sternocleidomastoid muscle
229	Suboccipital cyst	290	Pectoralis muscle
230	Cord abnormality	291	Absent rectus abdominis
232	Absence sacrum	292	Ribs
234	Arrhinencephaly	293	Ribs and spine
236	Cerebral hypoplasia - frontal	327	<u>Other</u>
238	Cyst septum pellucidum	328	Abnormally long maxilla and mandible
240	Cystic mass lumbosacral area	329	Macroglossia tongue
242	Hydromyelia	330	Macroglossia (left side body)
244	Hypoplasia skull bones	331	Genu recurvatum
246	Non-specific malformation brain	332	Hypoplasia jaw
248	Forebrain	333	Marked separation of 2 or more digits
249	Absent post. lobe pituitary, agenesis pituitary	335	Ulnar deviation hands or digits
250	Rachischisis	336	Abnormal placement toes, position, or deviation
251	Suboccipital sinus tract	337	Hypermobile or extensible joints
252	Cranioschisis	338	Abnormal position of fingers
	<u>Musculoskeletal Abnormality</u>	339	Hammer toes
	<u>Absence or hypoplasia of extremity or part</u>	340	Absence pubic fusion
265	Absence or hypoplasia distal femoral epiphysis	341	Flexion deformity, contractions
266	Lower extremity	342	Cerv. ribs
268	Femur	343	Fibrous dysplasia of bone
270	Tibia	344	Calcaneo varus (also talipes)
272	Fibula	345	Enlargement thigh and leg
274	Foot	346	Congenital dislocation knees
276	Toes	347	Dislocation humerus (shoulder)
278	Upper extremity	348	Congenital dislocation wrist
279	Forearm	349	Dislocation 5th toe
280	Humerus	350	Constricting bands hand
282	Radius		

*All diagnoses are definite.

Diagnoses and Procedures (Continued)

<u>Code*</u>	<u>Name</u>	<u>Code*</u>	<u>Name</u>
	<u>Eye Conditions</u>		<u>Other</u>
368	Anophthalmia	471	Cong., laryngeal, stridor,
370	Aniridia		inspiratory strider
372	Buphthalmos, glaucoma	472	Bilateral or unilateral
374	Coloboma		hydrothorax
376	Exophthalmos, proptosis	473	Rupture trachea
378	Eye Herniation	474	Compression of bronchi
380	Hypoplasia of optic	475	Mediastinal emphysema,
	nerve		and/or pneumothorax
382	Papilledema	476	Pneumothorax
		477	Atelectasis (comp. collapse
	<u>Ear Conditions</u>	499	lung)
402	Absence external	500	Emphysema
	meatus	501	Interstitial emphysema
404	Ruptured tympanic		Mucous plug in trachea
	membrane		
	<u>Upper Respiratory Tract</u>		<u>Cardiovascular Conditions:</u>
	<u>and Mouth Conditions</u>	547	<u>Specific C-V Diagnosis</u>
436	Absent bridge of nose	548	Aortic atresia
438	Absent floor of antrum	549	Hypoplastic aorta
440	Absent uvula	550	Atrial septal defect
442	Bifid tongue	551	Atrioventricular canal (coronary)
443	Hamula (sublingual cyst)	552	Coarctation
444	Choanal stenosis with	553	Ventricular septal defect
	absence nasal cartilage	554	Ductus arteriosus
445	Ectopic salivary gland	555	Absent umbilical artery
		556	Anomalous right subclavian
			Tamponade, hemopericardium,
	<u>Thoracic Abnormality</u>	557	hydropericardium
	<u>Anomaly of lung</u>		Situs inversus, dextroversion
455	Congenital defect		dextrorotation,
	pleural	558	dextroposition
452	Absence lung, right or		Anomalous pulmonary venous
	left	559	connection and/or return
453	Pulmonary emboli	560	Aortic arch anomaly
454	Absence lobe or lobes,		Bifid ant. leaf mitral valve,
	incomplete division	561	or rudiment valve
455	Pneumatocele		Single ventricle (absent
456	Lung cyst or cysts	562	ventricle)
457	Extra lobes	563	Hypoplasia auricle (left)
458	Hypoplasia or immaturity	564	Atresia mitral valve
	<u>Anomaly of chest wall</u>		Common truncus, truncus
462	Deformed thorax	565	arteriosis
463	Square shaped	566	Cor trilobulare
464	Pectus carinatum (keel)	567	Ebstein's complex
	(Pigeon)	568	Endocardial cushion defect
466	Flaring ribs	569	Endocardial sclerosis
			Hypoplastic right ventricle

*All diagnoses are definite.

Diagnoses and Procedures (Continued)

<u>Code*</u>	<u>Name</u>	<u>Code*</u>	<u>Name</u>
<u>Cardiovascular Conditions:</u>		<u>Alimentary Tract Malformations and</u>	
<u>Specific C-V Diagnosis (cont.)</u>		<u>Other Conditions</u>	
570	Transposition		<u>Hernia, Other</u>
571	Hypoplastic left atrium	619	Ventral
572	Hypertrophy right ventricle	623	Supra umbilical
575	Missing carotid (left)	624	Volvulus of upper jejunum
576	Persistent superior vena cava		<u>Other</u>
577	Pulmonary atresia or hypoplasia	625	Abdominal situs inversus
578	Absent coronary sinus	626	Adhesive bands secondary duodenal obstruction
579	Left superior vena cava	627	Acute pancreatitis
580	Right aortic arch	628	Acute serositis of large bowel
581	Vascular ring	629	Stomach ulcer (gastric)
582	Absent coronary artery	630	Adhesions of cecum to liver
583	Bifid aortic valve	631	Hypoplastic small intestine
584	Post-op. Blalock shunt	632	Anal fissure
585	Hypoplastic left heart	633	Atresia colon or parts thereof
586	Con. hilomular		Atresia small bowel or parts thereof
587	Inf. vena cava to anat. left atrium	634	Duplication, cecum, bowel
588	Tricuspid atresia	635	Chalasia
589	Single pulmonary vein and artery	636	Dysplasia pancreas
590	Pulmonary hypertension	637	Ectopic pancreas
591	Aneurysm of pulmonary artery, sinus valsalva, aortic valve	638	Esophageal atresia
592	Myocardial necrosis	639	Pyloric stenosis
593	Absent renal artery	640	Absence ligament of Treitz
594	Anomaly inferior vena cava with axillary drainage	641	Common mesentery, single mesentery
595	Ectopic cord tip ventricle fused with left eye absent disc	645	Meckel's diverticulum
596	Fatty degeneration heart	646	Anomalous shape pancreas
597	Over-riding aorta	647	Microcolon
598	Pulmonary hemangiomatosis	648	Meconium ileus
599	Pulmonary thrombosis or emboli	649	Meconium peritonitis
600	Thrombophlebitis	650	Megacolon
611	Absence ductus arteriosus	651	Duodenal obstruction
729	Anomalous muscle band at septum	652	Omphalomesenteric cyst
730	Abnormal aortic cusp	653	Rectal polyp
		654	Rectal prolapse
		656	Volvulus
		743	Hemoperitoneum
		744	Mesenteric infarct
		745	Intussusception
		746	Hirschsprung's disease (aganglionosis of ileum and colon)
*All diagnoses are definite.		747	Prolapse ileostomy
		748	Abdominal adhesions

Diagnoses and Procedures (Continued)

<u>Code*</u>	<u>Name</u>	<u>Code*</u>	<u>Name</u>
	<u>Abnormality of liver, Bile</u>	704	Hypoplastic kidney
	<u>Ducts, and/or Spleen</u>	705	Hypertrophy bladder
657	Absence gall bladder	706	Multicystic ovary
663	Absent spleen	707	Bladder diverticulum
664	Accessory spleen	708	Polycystic testicle
665	Biliary atresia	709	Rectourethral fistula
666	Degeneration liver	710	Single kidney
667	Focal malformation bile ducts	711	Tortuosity of ureters, stenosis, kink
668	Giant cell hepatitis	712	Uric acid deposit tubules
669	Herpetic hepatitis	713	Absent right hemi-trigone bladder
670	Intrahepatic vein thrombosis and hepatic infarction and necrosis	714	Absent ureter
		715	Agensis bladder
671	Subcapsular hematoma of liver	716	Absent glomerulogenesis with persistence mullerian duct
672	Ectopic spleen in pancreas	717	Double vagina
673	Hem siderosis	718	Absent ureters (both)
674	Tear in spleen or liver capsule	785	Bicornuate uterus
	<u>Genitourinary Conditions</u>	786	Absent kidney bilat.
	<u>Other abnormalities of external genitalia</u>	787	Cystic mass protruding from vagina
675	Clitoral hypertrophy	788	Double ureter, ureters
676	Absence of ventral foreskin - congenital	789	Double cervix
685	Hymen cyst	790	Rectovaginal fistula
686	Ectopic urethral meatus	791	Non-functioning kidney
687	Epispadias	792	Dysgenesis of ovaries
688	Gartner's duct cyst	793	Renal infarct
689	Hypoplastic vagina and vulva	794	Decreased function of one kidney
690	Imperforate hymen	795	Transient renal tubular dysfunction
691	Penile hypoplasia with hypoplastic testes		<u>Neoplastic Disease and/or Other Tumors</u>
692	Periurethral cyst	812	Papilloma - sacrum midline
693	Pseudohermaphrodite	813	Cystic mass abdominal wall probably lipoma
694	Scrotum fixed to half length of penis with chordae	814	Leukemia
		989	Hepatoblastoma (primary)
696	Prolapse vaginal mucosa	990	Lung - large tumor of bronchial origin (hamartoma)
697	Vaginal Cyst		Myelogenous leukemia
	<u>Other</u>	991	Teratoma sacrococcygeal area
698	Exstrophy of bladder	992	Tumor (carcinoid) of lung
699	Follicular cyst of ovary	993	Wilms' tumor
700	Glomerular cyst	994	Neuroblastoma
701	Horseshoe kidney	995	

*All diagnoses are definite.

Diagnoses and Procedures (Continued)

<u>Code*</u>	<u>Name</u>	<u>Code*</u>	<u>Name</u>
	<u>Neoplastic Disease and/or Other Tumors (cont.)</u>		<u>Other Endocrine or Metabolic Disease</u>
996	Hygroma		<u>Inborn errors of Metabolism</u>
997	Intra abdominal calcified mass	926	Glycogen storage disease
998	Mass Neck	928	Albinism
		929	Glucose - 6-phosphate dehydrogenase def.
	<u>Hematologic Conditions</u>	930	Sex linked recessive - cataract, mental retardation, renal function abnormality
727	<u>Erythroblastosis, Other</u>		<u>Other</u>
728	IEA factor		Adrenal atrophy hypoplasia, hemorrhage, necrosis
	C incompatibility		Adrenal hyperplasia
	<u>Hemolytic Disease, Other</u>		Cytomegaly adrenal cortex
929	Glucose-6-phosphate dehydrogenase def.	939	Hyperbilirubinemia 2
	<u>Coagulation Defect</u>	940	mother's milk
753	Factor 7 (VII) def.	941	Hyperphosphatemia
754	Factor X def.	942	Hyperplasia (focal), thyroid
755	SPCA and/or PTC		Hyperplasia islets of Langerhans
756	Vitamin K def.	943	Hyperplastic pituitary
758	Hypoprothrombinemia	944	Hypoalbuminemia
759	Thrombocytopenia	945	Hypoproteinemia
		946	Rickets and scurvy
	<u>Skin Conditions and Malformations</u>	947	Chemical hypoglycemia
838	Lack of subcutaneous fat	948	Goiter
839	Subcutaneous emphysema	949	Hypogammaglobulinemia
835	Vitiligo	950	Under mineralization of frontal and parietal bones
836	Webbed neck	951	
837	White forelock	952	
		953	<u>Other Conditions</u>
	<u>Syndromes</u>		P.U.O., fever of undetermined etiology
900	Marfan's syndrome	954	Hyperthermia
901	Acrocephaly-syndactyly of Apert	955	Hypothermia
902	Chondrodystrophia calcificans congenita	956	Narcotic withdrawal syndrome
903	Trisomy	957	Massive silicone embolization
904	Cleidocranial dysostosis	958	Macrosomia
905	Cornelia Del Lange		
906	Osteogenesis imperfecta		
907	Dandy-Walker		
908	Eagle's		
910	Koerber Salus Elschning		
911	Love's		
912	Potter's		
913	Post rubella		
914	Situs inversus		
925	Cranio carpal tarsal dystrophy		

*All diagnoses are definite.

NEEDHAM DIAGNOSTIC SUMMARY FORM FED-8

ITEM # ON FORM	1	DATE OF BIRTH	5	7	13	DIAGNOSES & PROCEDURES
CRAD 1908 5*	NUMB ^o	DATE OF DISCHARGE	AGE AT DISCHARGE		I II III IV V VI VII VIII IX	

* Item numbers refer to form dated: 1/63
** Additional card(s) required for more than 9 Diagnoses or Procedures

FED-8 - 1

MANUAL FOR THE PED-8 FORM NEWBORN DIAGNOSTIC SUMMARY

I. Introduction

In order to be able to relate prenatal and perinatal factors to the nursery status of the infant, a classification of significant variables in terms of findings, diagnoses (conditions) and events during the nursery course is required. In turn these variables may then be related to findings at subsequent periods during follow-up. Variables should be considered of significance if they contribute to the identification of the outcome of pregnancy, or if they are descriptive of other than normal states recognized in the infant.

The arbitrary classification of observations onto a diagnostic "flag sheet" does not preclude separate analysis of individual observations or constellations of observations but it does provide a relatively standardized entry into specific areas of possible interest.

The PED-8 serves as a diagnostic "flag sheet" on which are recorded significant diagnoses and events in coded form. This record will serve as a means of organizing diagnoses for transfer to punch cards and/or computer for subsequent tabulation. Significant events and diagnoses from birth to hospital discharge, or death during the initial hospitalization, are to be included. Gross autopsy findings are to be included. If final autopsy diagnosis, including brain or other laboratory data, changes the diagnostic summary, forward a totally revised PED-8 to PRB clearly identifying this PED-8 as *Revised*. Items for coding will occur in more than one category for some conditions--particularly for syndromes. This is inherent in the structure of this form.

II. General Instructions

- a. The PED-8 is to be considered a brief clinical summary of the pediatric data and events, and is not to include review of the mother's hospital record or history.
- b. This form is to be completed on *all* liveborn infants of gravidæ registered in the study. Where delivery has occurred outside the study facility and newborn study records are not available, PED-8 is to be completed from whatever means are practical.
- c. Completion of the PED-8 form is the responsibility of a senior Study pediatrician. It is recognized that clinical judgment will have to include weighing the relative merits and timing of the various examinations. Differentiation between coding suspect and definite will vary according to the item and category under consideration. In general, all clear-cut unquestionable diagnoses, conditions, or

states should be coded under definite. Where there is doubt regarding the presence of the condition or its existence in significant degree, the coder will encircle the appropriate code number under suspect.

- d. Definitions: In general, terms and procedures used have the same definitions as previously noted in manuals accompanying the PED-1 to PED-6 forms. Modifications or extensions of these terms may be found under the particular item in question.

- e. Records to be used in preparation of the Diagnostic Summary include all study and hospital pediatric records, including records of hospital care received when the infant is transferred directly from the nursery to another service or hospital for care. When the infant is finally discharged, that hospital's records should also be used to complete the PED-8 even though study forms may not be completed in that hospital. A review of the mother's records is not to be included in completing PED-8.

- f. Time of transmittal to PRB: Completed and edited PED-8 forms are to be transmitted as part of a unit including PED-1, 2, 3, 5, 6, applicable CP-5's, and PED-4 when applicable. This unit should reach PRB as soon as possible after date of discharge or death. Records are not delayed pending final autopsy or protracted laboratory study reports.

- Item 1: Patient Identification: For Study purposes prematurity is based on weight and will be identified from item 33 of Ped-1. Birth weight is recorded on the identification stamp and need not be reported elsewhere on PED-8. If the coder makes a diagnosis of prematurity on some basis *other* than birth weight; i.e., if the birth weight conflicts with the clinical impression of maturity, then the clinical impression of prematurity should be reported under 5, Other Conditions, Specify. Sex and race are also on the identification stamp.

- Items 2-5: No explanation necessary.

- Item 6: Discharge Time: If the infant is under 48 hours of age when discharged, record time of discharge in 24 hour clock time. If the infant is 48 hours of age or more when discharged, simply write N.A. (not applicable) in this space, but do not leave it blank as this will be interpreted as an unknown.

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- Items 7-9: No explanation necessary.
- Item 10: Lowest Apgar Score (optional): If no Apgar score has been done, write in N.E. (not evaluated). Apgar scores will be coded directly from PED-1.
- Item 11: Highest bilirubin level (optional): Do not code hyperbilirubinemia or jaundice on PED-8. Bilirubin levels will be coded directly from PED-5. If no value was recorded, write in N.E. (not evaluated). Local option will decide whether to use study or other laboratory values here.
- Item 12: After careful review of the pediatric study forms and the infant's hospital chart, check the "none" box if there are no items encircled under categories A through S. "None" boxes in each category are for optional use locally.

A. Neurologic Abnormality:

- Item A-1: Brain abnormality: This refers to involvement of the "brain." Peripheral and cranial nerve abnormality is coded under A-II. Spinal cord abnormality is coded under A-III.

There are three steps in coding under A-I. First, a decision is made as to whether the brain abnormality is suspect or definite. Second, the significant manifestations of the brain abnormality are coded individually as suspect or definite under items A-I-1 through A-I-19. The senior pediatrician is asked to record those manifestations which in his judgment reliably reflect the infant's brain abnormality. Third, the duration of the brain abnormality is coded under "abnormal brain status." (See directions under specific items.)

Manifested by:

- Item A-I-1: Seizures: Definite coded if reported by a known reliable observer. In the newborn period, it is inadvisable to change a suspect to a definite merely on electroencephalographic changes.
- Item A-I-2: Myoclonus: No explanation necessary.
- Item A-I-3: Hypertonia: Included are rigidity, spasticity, and increased muscle tone as related to maturity.
- Item A-I-4: Jitteriness or tremulousness: Code if beyond the institution's or the reviewer's standard of normal jitteriness or tremulousness.

- Item A-I-5: Hyperactivity: Code if activity is judged excessive.
- Item A-I-6: Paralysis-paresis: Code under 7 through 10 when applicable. Code peripheral nerve or cranial nerve paralysis-paresis under group A-II. Code paralysis or paresis from spinal cord abnormality under group A-III.
- Item A-I-11: Hypotonia: Code if beyond the institution's or reviewer's limit of normal tone as related to maturity.
- Item A-I-12: Hypoactivity: Refers to paucity of spontaneous activity as related to maturity.
- Item A-I-13: Lethargy: This item refers to depression in the apparent state of consciousness.
- Item A-I-14: Asymmetry of reflexes, activity, or tone: Definite must be observed on more than one examination or must involve more than one response during an examination.
- Item A-I-15: Symmetrical, but abnormal reflexes: Code here all symmetrical but abnormal neonatal reflexes and automatisms other than Moro and suck.
- Item A-I-16: Abnormal Moro: Code here an absent, generally depressed, or asymmetrical Moro; also absence of arm flexion if considered abnormal in degree. Do not code an abnormal Moro on the basis of brachial plexus palsy.

- Item A-I-17 to A-I-19: No explanation necessary.

Abnormal Brain Status:

- Items A-I-a and I-b: Transient and persistent: This judgment refers to an over-all abnormal brain status and not to individual manifestations. Transient refers to an abnormal brain status which has disappeared by the infant's discharge from the nursery. Persistent refers to an abnormal brain status that is still present at discharge.
- Item A-I-c: One or no exam: Code this item if a decision regarding transient or persistent may not be made because only one exam or because no protocol exam had been done. In some cases with suspect findings, the pediatrician may feel that a meaningful judgment

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- regarding transient and persistent can not be made on the basis of one exam.
- Item A-II: Peripheral or cranial nerve abnormality: Code here paralysis, paresis, or sensory abnormality based on peripheral or cranial nerve involvement.
- Item A-II-1: Brachial: Code here brachial plexus palsy. Do not also code this under A-L.
- Item A-II-2: Facial: Distinction is not made between paralysis or paresis of the lower versus upper motor neuron type. Do not also code this under A-L.
- Item A-II-3: Ocular: This may be presumed on basis of strabismus or ptosis. Do not also code this under A-L.
- Item A-II-4: Other, specify: Code here other cranial or peripheral paralysis, paresis, or sensory abnormality based on peripheral or cranial nerve involvement.
- Item A-III: Other neurologic abnormality: Code here neurologic abnormality not covered in the above categories.
- Item A-III-1: Fractured skull: In general fractures should be coded definite only when radiologically proven.
- Item A-III-2: Cephalhematoma: Distinguish from caput succedaneum.
- Item A-III-3: Intracranial hemorrhage - includes subdural, subarachnoid and/or intraventricular hemorrhage: Usually coded suspect, but definite may be coded on the basis of findings of autopsy or subdural, ventricular, or lumbar puncture.
- Item A-III-4: Spinal cord abnormality: Spinal cord trauma is coded here.
- Item A-III-5: Other, specify: Code here autonomic dysfunction, harlequin color change, etc.
- B. Central Nervous System Malformations: Related Skeletal Conditions:**
- Item B-1: Anencephaly: No explanation necessary.
- Item B-2: Microcephaly: Variation in size of infants makes a statement of specific measures impracticable here and reliance must be placed on the examiner's judgment.
- Item B-3: Hydromenacephaly: This is difficult to separate from severe hydrocephaly. Enter under definite only after direct visualization at the operating table or on autopsy.
- Item B-4: Hydrocephaly: In instances of gross enlargement of the head, enlarged tense fontanelles, and typical configuration of the eyes, definite may safely be coded. The etiology, if known, should be coded under the appropriate section (example: if postmeningitis, code under P-2).
- Item B-5: Craniostenosis: Code suspect on clinical grounds, definite with radiologic support.
- Item B-6: Abnormal separation of sutures: Do not code if hydrocephaly is suspected or definitely present. Give due consideration to the maturity status of the infant.
- Item B-7: Abnormal shape of skull: Code hyper-telorism here.
- Item B-8: Encephalocele: No explanation necessary.
- Item B-9: Meningocele/meningocele: Knowledge of neural tissue involvement is not needed for coding definite.
- Item B-10: Pilonidal sinus: Only an actual opening or tract should be coded, i.e., dimples are disregarded.
- Item B-11: Other midline sinuses: Congenital dermal sinuses (lumbosacral and above) should be coded here.
- Item B-12: Other, specify: Rare CNS malformation and monsters may be coded and specified here. Do not code spina bifida occulta or craniotabes.
- C. Musculoskeletal Abnormality:**
- Item C-1: Vertebral abnormality: In general, code definite only with radiologic documentation or autopsy. Do not code spina bifida occulta.
- Item C-2: Talipes equinovarus: Code here talipes equinovarus where the forefoot is adducted, the entire foot is inverted (varus), and the entire foot is plantar flexed (equinus). If the foot can be passively moved to a normal neutral

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position, this condition will not be coded as an abnormality.

Item C-3: *Metatarsus adductus (varus):* A metatarsus adductus deformity is one in which the forefoot is adducted and cannot be passively corrected to a normal neutral position and no other deformity is present.

Item C-4: *Calcaneus valgus:* Code here deformities with forefoot abducted, entire foot everted (valgus) and in a position of marked dorsiflexion (calcaneus). If the foot can be passively moved to a normal neutral position, do not code as an abnormality.

Item C-5: *Congenital dislocation or dysplasia of the hip:* Radiologic documentation should be obtained for coding definite.

Item C-6: *Absence or hypoplasia of extremity or part, specify:* Include here digits. Describe the anatomical part, and degree, i.e., absence or hypoplasia. Do not code merely decreased subcutaneous fat. Code hypoplastic mandible under F-6.

Item C-7: *Polydactyly:* Code extra or rudimentary digits even if no bone is demonstrated, as in postminimi.

Item C-8: *Syndactyly:* Code here fusions, including soft tissue fusions, of digits or parts of more than one digit.

Item C-9: *Torticollis:* Code torticollis from any cause, with or without sternocleidomastoid muscle abnormality.

Items C-10 and 11: No explanation necessary.

Item C-12: *Fractured clavicle:* Code definite with radiographic documentation.

Item C-13: *Fractures, other (specify):* In general, fractures should be coded definite only when radiologically proven. The bone involved should be specified. Skull fractures are coded under A-III-1.

Item C-14: *Other, specify:* Code here musculoskeletal deformities or diseases that do not relate directly to the nervous system. For example, aplasia of abdominal muscles, hyperplasia of an extremity, muscle group or skeletal part, abnormality of sternocleidomastoid muscle without torticollis.

etc. Skeletal malformations of the skull, mandible, vertebrae, and thorax are not coded here.

D. Eye Conditions:

Item D-1: *Cataract-retinitis:* If process is active, code also under P-8.

Item D-2 to 7: No explanation necessary.

Item D-8: *Other (noninfectious), specify:* List here other abnormalities of the globe and eyelids. Infections are coded under P-8. Abnormality of orbit (hypertelorism, proptosis, etc.) are coded under B-7. Do not code retinal or conjunctival hemorrhages and minor remnants of the hyaloid artery and pupillary membrane.

E. Ear Conditions:

Items E-1 and E-2: No explanation necessary.

Item E-3: *Branchial cleft anomaly:* Pre-auricular sinuses and sinuses in other positions in relation to the ear should be coded here. Branchial cleft anomalies in other positions are also coded here.

Item E-4: No explanation necessary.

Item E-5: *Other (noninfectious), specify:* List here absence of external ear, imperforate ear canal, malformed middle ear or drum, and papillary masses (persistent hillocks), which occur anterior to the tragus or on the cheeks. Code infections under P-9.

F. Upper Respiratory Tract and Mouth Conditions:

Item F-1: No explanation necessary.

Item F-2: *Cleft palate:* Any cleft of the hard or soft palate, *excluding* cleft uvula, should be coded here.

Item F-3: *Cleft uvula:* Code here isolated cleft (bifid) uvula not associated with cleft palate.

Item F-4: *Cleft lip:* No explanation necessary.

Item F-5: *Cleft gum:* Code here isolated cleft gum not associated with cleft lip or palate.

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Item F-6: Micrognathia: If this condition is associated with palate abnormality, then also code "Pierre Robin" under Q-5.

Item F-7: Malformations of epiglottis and larynx: Here code congenital laryngeal stenosis, laryngeal web, etc.

Item F-8: Other (non-infectious), specify: Code here benign "congenital laryngeal stridor" without demonstrable malformation, abnormality of the trachea, etc. Code here high arched palate if considered significant. Do not list tongue tie unless extreme.

G. Thoracic Abnormality:

Items G-1 to 4: No explanation necessary.

Item G-5: Other, specify: Do not list neoplasms and cardiovascular conditions here.

H. Respiratory Abnormality:

Items H-1 to 11: Respiratory Abnormality Associated With: Code items that are considered to be causing or contributing to respiratory abnormality. In general, documentation by X-ray, laboratory, or autopsy is desirable for coding definite.

Items H-6 to 11: Associated Degree of Respiratory Distress: After an entry is made under 1 through 11, the associated degree of respiratory distress is to be coded as none, slight, moderate or marked on the basis of clinical information available in the study and hospital records.

Items H-12 to 16: Significant Respiratory Events: Code items 12 to 16 if applicable.

Item H-12: Primary apnea: Code here if the primary apnea is more than two minutes in duration.

Items H-13 and 14: Single or multiple apneic episodes: Code here cessation of breathing for approximately twenty seconds or more with cyanosis, pallor, and/or collapse.

Items H-15 and 16: Resuscitation: Included are oxygen under pressure, tracheal intubation, tracheal suction, cardiac massage, and all forms of artificial respiration. Open oxygen and painful stimuli are not to be coded as resuscitation.

I. Cardiovascular Conditions:

Items I-1 and 2: Acyanotic and cyanotic CHD: The division of congenital heart disease on the basis of cyanosis asks the physician, at times, to make an arbitrary decision. In general, code as cyanotic those with cyanosis at rest. If there is cardiac enlargement, code also under I-6. If a specific diagnosis can be made, code also under I-8. Do not list murmurs: code etiology if indicated.

Item I-3: Fibroelastosis (subendocardial sclerosis): Code suspect on clinical basis, with definite coded on direct viewing at the operating table or at autopsy.

Item I-4: Disorder of rhythm: Code here changes from regular rhythm. Do not code simple sinus arrhythmia associated with respiration. If a specific diagnosis is known, code also under I-8.

Item I-5: Disorder of rate: Code here rates over 150 or under 100. If specific diagnosis is known, code also under I-8.

Item I-6: Cardiac enlargement: Code definite with autopsy or radiographic documentation. If a specific diagnosis is known, code also under I-8.

Item I-7: Decompensation: No explanation needed.

Item I-8: Specific cardio-vascular diagnosis: Coding here should have documentation beyond clinical impression. E.K.G., catheterization, radiography (including angiocardiology and aortography), etc., may establish the specific diagnosis. Code here patent ductus arteriosus, arteriovenous fistula, and coarctation of the aorta. Code hemangiomas and telangiectasia under Q.

Item I-9: Other, specify: Code acquired heart disease here. Myocarditis and pericarditis would be coded here as well as under P-6. Metabolic disease with myocardial involvement would be coded here as well as under R.

J. Alimentary Tract Malformation and Other Conditions: In general, many of the diagnoses to be coded here will require radiographic confirmation, surgical exploration, or autopsy to warrant coding definite.

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Items J-1 to 6: No explanation necessary.

Item J-7: Hernia: Code diaphragmatic hernia under G-1.

Items J-8 and 9: No explanation necessary.

Item J-10: Other hernia, specify: List here complicated umbilical hernia that causes symptoms and requires treatment. This is meant to exclude umbilical hernia of minor degree so often observed in some racial groups.

Item J-11: Other (anomalies), specify: List here meconium ileus, esophageal atresia or stenosis without fistula, short esophagus, pyloric stenosis, situs inversus abdominalis, ileal atresia, Meckel's diverticulum, annular pancreas, intestinal web or band, duplication, anal fissure, rectal fistula, etc.

K. Abnormality of Liver, Bile Ducts, and/or Spleen: Code here clinically significant primary hepatomegaly and/or splenomegaly of unknown etiology. Do not list jaundice or hyperbilirubinemia on PED-5.

L. Genitourinary Conditions:

Items L-1 to 5: No explanation necessary.

Item L-6: Cystic kidney: Code here both polycystic and multicystic kidney.

Item L-7: Other (anomalies), specify: List here ectopic kidney, horseshoe kidney, agenesis of kidney, bladder exstrophy, etc.

M. Neoplastic Disease and/or Other Tumors: Specify type and organ. If histologic confirmation is available, attach report as a CP-5 to PED-5. Code leukemia here. Code hemangiomata and lymphangiomata under O.

N. Hematologic Conditions:

Item N-1: Erythroblastosis: Code here the clinical diagnosis of erythroblastosis. Also code under Items 2 to 4 the etiology of the erythroblastosis. Do not code laboratory evidence of isoimmunization under Items 2 to 4 without clinical erythroblastosis.

Item N-2: Rh: A positive direct Coombs' test should be required for coding definite.

Iso-immunization due to C, c, D, E, or e factors should be included here.

Item N-3: ABO: Code here hemolytic disease due to iso-immunization with ABO factors. Whether coded definite or suspect depends on judgment of the coder.

Item N-4: Other, specify: Code here hemolytic disease other than Rh or ABO, e.g., Kell-Cellano, Duffy, MNS, etc.

Item N-5: Other hemolytic disease, specify: Code here hemolytic disease other than maternal fetal blood type incompatibility.

Item N-6: Coagulation defect, specify: Code here thrombocytopenia, hemophilia, hemorrhagic disease of the newborn, or congenital afibrinogenemia, etc.

Item N-7: Intra-uterine blood loss: Code here blood loss from the fetus while in utero.

Item N-8: Other major hemorrhage: Code major hemorrhage other than that coded in N-7 and specify site. Code cephal-hematoma under A-III-2.

Item N-9: Other, specify: Unexplained splenomegaly should be coded under K.

O. Skin Conditions and Abnormalities:

Item O-1: Strawberry, portwine hemangiomas: "Stork bites" are to be considered normal findings.

Items O-2 to 4: No explanation necessary.

Item O-5: Sclerosis: This is to be differentiated from scleredema and edema.

Items O-6 to 9: No explanation necessary.

Item O-10: Other, specify: Code skin infection under P-10. Do not code skin tags or "Mongolian Spots".

P. Infection:

Items P-1 to 12: The diagnosis should be listed after the small letter (a). The agent or agents responsible for the infection should be placed after the letter (b) for each particular condition. Septicemia (item P-1) is a diagnosis and is thus followed by only

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the letter (b). List peritonitis under P-12. (See appendix for further information concerning a suggested classification of certain agents.)

Q. Syndromes: When special studies are done, code the procedure used under Section T, if applicable. The specific results of these studies should be recorded on a PED-5 with local normal values for infants of the specific study included.

Item Q-1: Megalium: Definite clinical diagnosis of megalism should be independently made by two examiners. Suspect megalism may be made by a single experienced examiner's observation. Record chromosome studies, if done, under T-9.

Item Q-2: Gauchal dysgenesis: Code definite only after chromosome count or laparotomy.

Item Q-3: Adrenogenital (congenital adrenal hyperplasia): Chemical documentation is desirable.

Items Q-4 to 6: No explanation necessary.

R. Other Endocrine and Metabolic Disease: In general, coding definite should be confirmed by special studies. When applicable, code procedure used under section T. The specific results of these studies should be recorded on a PED-5 with local normal values for infants of the specific study included.

Item R-1: Cretinism: For coding definite, laboratory confirmation is desirable. This group should not be used to list just "funny or unusual looking" infants.

Item R-2: Fibrocystic disease of the pancreas: Code definite only if documented by meconium ileus, chemical changes in sweat, or other acceptable tests.

Item R-3: Presumed symptomatic hypocalcemia: Suspect is based on symptoms and response to calcium. Definite is based on symptoms and abnormal serum calcium and/or phosphorus levels.

Item R-4: Presumed symptomatic hypoglycemia: Suspect is based on symptoms and response to glucose. Definite is based on symptoms and abnormal blood glucose levels.

Items R-5 and 6: No explanation necessary.

S. Other Conditions, specify: Code here significant hypo- and hyperthermia, prematurity on a basis other than weight, drug addiction withdrawal, etc. Do not code hyperbilirubinemia or jaundice on PED-5.

T. Procedures:

Item T-1: Simple blood transfusion: Code here any blood administered regardless of amount or number of times providing this was for purposes other than as an exchange transfusion.

Item T-2: Exchange transfusion: Code without regard to amount or number of transfusions administered.

Item T-3: Parenteral fluid: Code here parenteral fluid administered to maintain and/or correct hydration and/or electrolyte balance.

Item T-4: Spinal puncture: Code attempts. Do not record the number of times the procedure is done but note untoward or severe reactions under S.

Item T-5: Subdural puncture: As Item 4.

Item T-6: Ventricular puncture: As Item 4.

Item T-7: General anesthesia: Complications such as shock should be coded under S.

Item T-8: Surgery, specify: Do not code circumcisions and simple vein cutdowns, simple digit or skin tag ligations. List each surgical procedure separately. Do not list laparotomy, unless it was the only surgery done. Biopsy and bone marrow punctures may be recorded under this item.

Item T-9: Chromosome studies: Complete report (including method) to be reported on PED-5 or CP-5.

Item T-10: X-ray and/or fluoroscopy: No explanation necessary.

Item T-11: Antibiotics: Do not code topical antibiotics. Code only the antibiotics given internally and list specific names in space provided.

Item T-12: E.E.G. - (electroencephalogram): No comment necessary.

Item T-13: Other, specify: Code here other procedures of significance.

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U. Presumptive Etiologic Impressions: This category is not to be used as a substitute or blanket code for individual items that are to be coded elsewhere on PED-8. This category gives the coder an additional opportunity to record impressions concerning etiology of previously coded items as they relate to presumed anoxia and trauma.

V. Information Source: (Check applicable boxes) The coder checks all applicable boxes to indicate the records used in completing PED-8.

Item V-1: Study Record: This item is checked if the Perinatal Research Project Pediatric Study forms are used to complete PED-8.

Item V-2: Nursery Record: This item is checked if the hospital nursery record is used to complete PED-8.

Item V-3: Additional Records: This item is checked if other records within the hospital are used. In the event a newborn infant is directly transferred to another hospital, the use of that hospital's records in completing PED-8 would be recorded here. The coder is reminded not to use the mother's study, hospital or medical records in completing PED-8.

Item V-4: CP-5 Attached: If a CP-5 is attached to PED-8, check this item.

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APPENDIX TO PED-8 MANUAL (2-63)
(for Form PED-8, dated 1-63)

**SUGGESTED CLASSIFICATION OF CERTAIN AGENTS WHICH MAY BE ASSOCIATED WITH
FETAL AND NEONATAL INFECTIONS.**

A. PROTOZOA: Toxoplasma

B. FUNGI

Monilia (Candida albicans)

C. BACTERIA

1. *Staphylococcus*, hemolytic, coagulase — positive, types 50-61 and 54.
2. *Streptococcus*, Type A, beta hemolytic.
3. *Haemophilus* x *Influenza*.
4. *Escherichia coli*: (Paracolon)
O, 24 : B6; O, 55 : B5; O, 56 : B7; O, 111 : B4; O, 112a : B11; O, 112b : B11; O, 112a : B13;
O, 112b : B13; O, 119 : B14; O, 124 : B15; O, 125 : B15; O, 126 : B16; O, 127 : B6; O, 128 : B12.
5. *Pneumococcus*.
6. *Proteus*, *Pseudomonas*.

D. VIRUSES

a. The Herpes Viruses

Not true viruses: respond to antibiotics.

Examples: Psittacosis, Ornithosis, Lymphogranuloma group, Trachoma

b. The True Viruses: "The Big Six"

Protection afforded by vaccines (attenuated or dead)

i. POX VIRUS (Cytoplasmic inclusions):

20 in number

150-300 millimicrons

Smallpox

Vaccinia

Cowpox

Molluscum Contagiosum

ii. MYXAVIRUS (Nucleus Inclusions Type A):

35 in number

100-200 millimicrons

Herpes simplex

Herpes zoster

Chickenpox

Salivary Gland Virus (Cytomegalic Inclusion Disease)

Measles

B virus

iii. MYXOVIRUS:

20 in number

50-500 millimicrons

Influenza

A, A1, A2 (Asian)

Influenza

B

Influenza

C

Parainfluenza

1 (Sendai; hemadsorption 2) - croup associated

Parainfluenza

2 (CA virus) - croup associated

Parainfluenza

3 (Hemadsorption 3) - broncho-pneumonia and bronchiolitis in children

Parainfluenza

4 (M-25)

Mumps

Respiratory Syncytial Virus - Respiratory infections in children

Newcastle Disease Virus

iv. ADENOVIRUS

23 in number

70 millimicrons

Adenovirus 1 - 29

K-9 aspartitis

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Appendix to PED-8 Manual

IV. ADENOVIRUS (Continued)

Diseases: Early childhood: Types 1, 2, 5
Later childhood: Types 3 and 7
Military: Types 4 and 7
Keratconjunctivitis: Type 5

V. ARBORVIRUS (Arthropod-borne diseases):

150 in number

20-100 millimicrons

Type A: Western equine encephalitis
Eastern equine encephalitis
Type B: St. Louis encephalitis
Japanese B. encephalitis
Yellow fever
Russian Tick-borne complex
Others: Dengue
Lymphocytic choriomeningitis

RABIES (?)

VI. PICORNAVIRUSES (Enteroviruses):

100 in number

5-30 millimicrons

A) Poliovirus - type 1
type 2
type 3.

B) Coxsackie Viruses

1. A1-A24 (except A23 - now ECHO 9)

Diseases: Herpangina

Aseptic meningitis. Types 7, 9.

2. B1-B6

Diseases: Pleurodynia, aseptic meningitis, myocarditis and encephalitis in young infants, benign idiopathic pericarditis.

C) ECHO Viruses

1. 1-28 (including former Coxsackie A23, now ECHO 9; also VIII (2040), JV-10);
ECHO 11 (V-Virus) Group Assoc. (except ECHO-10; now REO 1, 2, 3).

Diseases: Aseptic meningitis, ECHO viruses 2, 3, 4, 5, 6, 7, 9, 14, 16, 17;

Exanthemata: ECHO 9, 16

Diarrhea: ECHO 16.

2. REO Viruses: 1, 2, 3, (old ECHO 10)

D) Rhinoviruses (cold viruses) 6

M-Strain - 2

H-Strain - 4

c. HEMOVIRUSES: 15 millimicrons

3 groups culturally similar

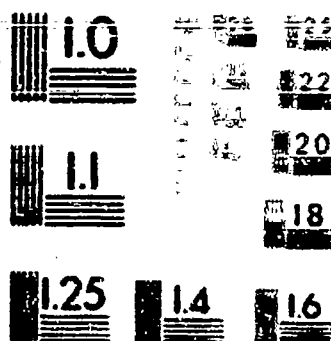
2 causes clinical hepatitis

AR -17

WW -55

MR -1

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A
U.S. GOVERNMENT PRINTING OFFICE: 1963-0-344-045

CONTINUED ON NEXT PAGE