



## OB-34 Obstetrician's Summary of Labor and Delivery

Form OB-34 was used to record observations made by the obstetrician during labor and delivery. It was intended to augment observations made on form OB-33 by the labor room and delivery room observer. First implemented in January of 1959, OB-34 was replaced in April 1962 by forms OB-55 and OB-56. Page 1 of OB-34 (narrative summary) was replaced by OB-56; pages 2, 3, and 4 of OB-34 (specific itemized details of delivery) were replaced by form OB-55, pages 1 through 5. OB-34 data was recorded on three cards 1334, 2334 and 3334. Those cases terminated in an unusual manner not codeable on these three cards such as abortions, ectopic pregnancies, delivered outside study facility, etc., were recorded on card 9334. Records generated by OB-34 are available on the master file (Table OB-34.1).

TABLE OB-34.1 Cards and Data Records by Revision for Form OB-34

Card Name	Card Number	Rev. No.	Number Records
OB-34: Onset and Duration of Labor and Vertex and Breech Delivery	1334	2	21,316
OB-34: Cord, Placenta, Special Procedures During Labor, Other Labor Complications	2334	2	21,307
OB-34: Cesarean Section	3334	2	1,073
OB-34: Type of Termination, Number, Type of Eventual Delivery	9334	2	748
	total for form		44,440

**II.B.74**

**OB-34**













OB-34

OBSTETRICIAN'S SUMMARY OF  
LABOR AND DELIVERY

part

PATIENT'S NAME

DATE ADMITTED

TIME ADMITTED

DATE DISCHARGED

TITLE OR POSITION

1. ONSET OF LABOR (Indicate date correspondingly using all available information)

DATE OF ONSET

TIME ONSET

2. DURATION OF LABOR  
(Hours and Minutes)

FIRST STAGE

SECOND STAGE

THIRD STAGE

3. GIVE A BRIEF NARRATIVE SUMMARY OF THIS PATIENT'S LABOR AND DELIVERY, NOTING ESPECIALLY ANY FEATURES WHICH SEEM UNUSUAL TO YOU.

Delivered by me from as follows:

p.1 by OB-56 (4-62)

pp. 2, 3 and 4 by OB-55 (4-62)  
(p. 1 then 5)

~~Obstetrician's Summary of Labor and Delivery~~

(OB-34) PAGE 1 OF 4

# OBSTETRICIAN'S SUMMARY OF LABOR AND DELIVERY

(Complete only the portion of this page that deals with the appropriate type of delivery)

## VAGINAL BIRTH OR FAKE DELIVERY

Position during first stage (Be specific) \_\_\_\_\_  
 Position in delivery room before any change in delivery (Be specific) \_\_\_\_\_

Head down

Not corrected

Corrected to \_\_\_\_\_

## ROTATION OF HEADS (if applicable)

Head was rotated  
 Head rotated from \_\_\_\_\_ to \_\_\_\_\_  
 Special rotation  
 2 stages rotation:  
 - Simple or easy rotation (Cervix non. dilated)  
 1 st stage rotation (long fl., one readily hand to mouth)  
 Difficult rotation (fl. not to mouth)  
 Economy difficult rotation (Economy head not well)

## DELIVERY OF HEAD

### ROTATION

Controlled

Uncontrolled

### INDICATION FOR FORCEPS DELIVERY

Obstetric  
 Indication (Cervix non. dilated)

## TYPE OF FORCEPS DELIVERY

Low forceps (Apprehension about head position, shall be present) flaccid, required cause is AP diameter of pelvis  
 Midforceps (Apprehension when shall be present when the original cause was an AP diameter of pelvis)  
 Highforceps (Apprehension when apprehension of BCU is taken for taken flaccid, but slight to not too pelvis' flaccid)  
 High forceps (Apprehension before apprehension of head)  
 Uncontrollable cause of forceps delivery  
**DEGREE OF DIFFICULTY OF FORCEPS DELIVERY**  
 Simple or easy delivery (Cervix good)  
 Long fl. (Flaccid good)  
 Difficult delivery (Head good)  
 Economy difficult delivery (Economy head good)

## SECOND STAGE

Flaccid  
 Single bearing  
 Double bearing

## TYPE OF EXTRACTIVE DEBY

Spontaneous (natural force only)  
 Partial extraction (Controlled as unassisted by medical force, nonmedical supported)  
 Total extraction (Force body controlled)  
 Smooth extraction only (Smooth descended, smoother of delivery by medical force only)

## DELIVERY OF HEAD

### ROTATION

Controlled

Uncontrolled

### FORCEPS TO ATTENDING HEAD

Simple or easy delivery (Cervix good)  
 Long fl. (Flaccid good)  
 Difficult delivery (Head good)  
 Economy difficult delivery (Economy head good)

## VACUUM AND EXTRACTIVE DELIVERY

### INDICATION

Second twin  
 Professional care  
 Transported flaccid  
 Other (Describe) \_\_\_\_\_

## III. DELIVERY OF HEAD

### SPORTS ANGLES

Controlled

Uncontrolled

### FORCEPS TO ATTENDING HEAD

Simple or easy delivery (Cervix good)  
 Long fl. (Flaccid good)  
 Difficult delivery (Head good)  
 Economy difficult delivery (Economy head good)

### CERAZINE SECTION

#### 12. NO. TO SPARE

No. to later

No. to later

### 13. INDICATION FOR CERAZINE SECTION

Previous Cesarean section  
 Fetal distress  
 Cephalopelvic disproportion  
 Proximality of birth  
 Obesity of pregnant  
 Transported flaccid  
 Professional care  
 Senior Moment  
 Previous delivery in normal manner  
 Diabetes  
 Tuberculosis  
 Abdominal abscess  
 Placenta previa  
 Fetal macros  
 Uterine dysfunction  
 Other (Describe) \_\_\_\_\_

## 14. TYPE OF CESAREAN SECTION

Low  
 Controlled  
 Emergency

### C. SECTION HISTORICAL

Manual  
 Forceps  
 Simple or easy delivery (Cervix good)  
 Long fl. (Flaccid good)  
 Difficult delivery (Head good)  
 Economy difficult delivery (Economy head good)

## OBSTETRICIAN'S SUMMARY OF LABOR AND DELIVERY

<b>CORD AND PLACENTAL OBSERVATIONS</b> <small>(To be completed by all observers)</small>	
<b>I. CORD OBSERVATIONS</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> No complications noted</li> <li><input checked="" type="checkbox"/> Cord around neck _____ times = right</li> <li><input type="checkbox"/> Cord around neck _____ times = left</li> <li><input type="checkbox"/> Cord wrapped body = right</li> <li><input type="checkbox"/> Cord wrapped body = left</li> <li><input type="checkbox"/> Two loops or more = right</li> <li><input type="checkbox"/> Two loops or more = left</li> <li><input type="checkbox"/> No knots or cord</li> <li><input type="checkbox"/> Sustained cord traction</li> <li><input type="checkbox"/> Other cord pathology (Describe)</li> </ul>	
<b>II. PLACENTAL OBSERVATIONS</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Evidence of FETAL PLACENTAL SEPARATION           <ul style="list-style-type: none"> <li><input type="checkbox"/> None</li> <li><input type="checkbox"/> Evidence to support partial separation (Describe)</li> </ul> </li> <li><input type="checkbox"/> Evidence to support complete separation (Describe)</li> </ul>	
<b>EVIDENCE OF PLACENTA PRAEVIA</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> None</li> <li><input type="checkbox"/> Evidence to support diagnosis (Describe)</li> </ul>	
<b>EVIDENCE OF MARGINAL CORD SEPARATION</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> None</li> <li><input type="checkbox"/> Evidence to support diagnosis (Describe)</li> </ul>	
<b>III. OBSTETRIC MANEUVERS</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> LABOR NOT INDUCED</li> <li><input type="checkbox"/> LABOR INDUCED           <ul style="list-style-type: none"> <li><input type="checkbox"/> Mechanical</li> <li><input type="checkbox"/> Non-mechanical</li> </ul> </li> <li><input type="checkbox"/> MEDICAL MANAGEMENT           <ul style="list-style-type: none"> <li><input type="checkbox"/> Sedated</li> <li><input type="checkbox"/> Not sedated</li> <li><input type="checkbox"/> Sedated</li> <li><input type="checkbox"/> Not sedated</li> </ul> </li> <li><input type="checkbox"/> MEDICAL MANAGEMENT           <ul style="list-style-type: none"> <li><input type="checkbox"/> Used</li> <li><input type="checkbox"/> Not used</li> </ul> </li> <li><input type="checkbox"/> CASTOR OIL OR GELUSINE           <ul style="list-style-type: none"> <li><input type="checkbox"/> Used</li> <li><input type="checkbox"/> Not used</li> </ul> </li> <li><input type="checkbox"/> OMEGA and YAG           <ul style="list-style-type: none"> <li><input type="checkbox"/> Used (Describe)</li> </ul> </li> <li><input type="checkbox"/> Other           <ul style="list-style-type: none"> <li><input type="checkbox"/> Used</li> </ul> </li> </ul>	
<b>IV. ARTIFICIAL RUPTURE OF MEMBRANES</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> MEMBRANE NOT ARTIFICIALLY RUPTURED</li> <li><input type="checkbox"/> MEMBRANE ARTIFICIALLY RUPTURED           <ul style="list-style-type: none"> <li><input type="checkbox"/> Indication of labor</li> </ul> </li> </ul>	
<b>V. STIMULATION OF LABOR</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Latent phase / Before 3 cm dilatation</li> <li><input type="checkbox"/> Active phase / After 3 cm dilatation</li> <li><input type="checkbox"/> Second stage</li> <li><input type="checkbox"/> Terminal or delivery stage</li> <li><input type="checkbox"/> Other indications (Describe)</li> </ul>	
<b>VI. CERVICAL DILATATION</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> CERVIX NOT USED</li> <li><input type="checkbox"/> CERVIX USED</li> <li><input type="checkbox"/> INDUCTION OF LABOR</li> <li><input type="checkbox"/> STIMULATION OF LABOR           <ul style="list-style-type: none"> <li><input type="checkbox"/> Latent phase / Before 3 cm dilatation</li> <li><input type="checkbox"/> Active phase / After 3 cm dilatation</li> <li><input type="checkbox"/> Second stage</li> </ul> </li> <li><input type="checkbox"/> Other indications (Describe)</li> </ul>	
<b>VII. REACTION TO oxytocic</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> No uterine contractions</li> <li><input type="checkbox"/> Production of coordinated contractions</li> <li><input type="checkbox"/> Production of intermittent tonic contractions</li> <li><input type="checkbox"/> Other uterine reactions (Describe)</li> </ul>	
<b>VIII. INTRAPARTUM SURVEY</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> No normal deliveries</li> <li><input type="checkbox"/> Normal deliveries after cesarean and instrumental (Describe)</li> <li><input type="checkbox"/> Normal extraction of the cervix           <ul style="list-style-type: none"> <li><input type="checkbox"/> Delivering's technique</li> <li><input type="checkbox"/> Vesicle tip</li> <li><input type="checkbox"/> Additional episiotomy (Yes/No), not accompanied by Cervical extraction (Specify)</li> <li><input type="checkbox"/> Instruments used must be explained</li> </ul> </li> <li><input type="checkbox"/> Other vaginal extractions (Describe)</li> </ul>	
<b>IX. UNUSUAL METHODS OF EXCISION</b>	

**OBSTETRICIAN'S SUMMARY OF  
LABOR AND DELIVERY**

<b>COMPLICATIONS DURING LABOR</b>	
<p><b>22. BULGING DURING LABOR</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> NO BULGING DURING LABOR</li> <li><input checked="" type="checkbox"/> BULGING DURING LABOR:           <ul style="list-style-type: none"> <li>By direct application of the dilator:</li> <li>Placed</li> <li>Constrictor</li> <li>Plaster strips</li> <li>Low Intermittent C-Edge dilator's neck compressed and applied C-Edge dilator on the dilator's compresses on external os</li> <li>Normal C-Edge partially covers external os</li> <li>Rectal/Fistular completely covers external os</li> <li>Plastered vulva region</li> <li>Vulva region</li> <li>Other (Specify)</li> </ul> </li> </ul>	
<p><input type="checkbox"/> Cases of Bulging unknown</p>	
<p><b>23. UTERINE SPASMS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> NO UTERINE SPASMS</li> <li><input checked="" type="checkbox"/> UTERINE SPASMS OBSERVED:           <ul style="list-style-type: none"> <li>No of spasms measured as _____</li> <li>Latent phase (Each of progress for 6 or more steps after labor has been established but before 3 cm. dilation has been reached)</li> <li>Active phase (Each of cervical dilatation for 3 or more steps, after 3 cm. dilation has been reached)</li> <li>Second stage (Each of progress in descent or reposition for 2 or more steps in association with perineal relaxation)</li> <li>Uterine stage</li> </ul> </li> </ul>	
<p><b>24. TENSILE</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> NO TENSILE</li> <li><input checked="" type="checkbox"/> POSSIBLE TENSILE OR HYPERSTENOSIS PRESENT:           <ul style="list-style-type: none"> <li>Obstetric hyperstension without tension</li> <li>Obstetric hyperstension with tension</li> <li>Obstetric hyperstension with extreme hyperstension</li> <li>Placental</li> <li>Edema</li> </ul> </li> </ul>	
<p><b>25. MATERNAL DISTOCIA</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> NO MATERNAL DISTOCIA</li> <li><input checked="" type="checkbox"/> MATERNAL DISTOCIA PRESENT:           <ul style="list-style-type: none"> <li>Contractive dysfunctions with contracted pelvis</li> <li>Contractive dysfunctions, without contracted pelvis</li> <li>Time blocking both ends</li> <li>Other maternal dysfunctions (Specify)</li> </ul> </li> </ul>	
<p><b>27. FETAL DISTOCIA</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> NO FETAL DISTOCIA</li> <li><input checked="" type="checkbox"/> FETAL DISTOCIA PRESENT:           <ul style="list-style-type: none"> <li>Hypotension (Obstruct)</li> <li>Residual</li> <li>Head</li> <li>Other fetal dysfunctions (Specify)</li> </ul> </li> </ul>	
<p><small>Department of Health, Education and Welfare Public Health Service</small></p>	
<p align="right">100-34) PAGE 4 OF 4 U.S. GOVERNMENT PRINTING OFFICE: 1964 6-1000</p>	

Five item numbers listed in parentheses on JP-36, Master Plan's Summary of Labor and Delivery

Level N PNR	Data Type In	Cause In	Data Type In	Data Type In
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DATA FILE NAME

6104 . . . . . VAR  
 607 . . . . . VAR  
 612 . . . . . VAR  
 610 . . . . . VAR  
 609 . . . . . VAR  
 615 . . . . . VAR  
 6074 . . . . . VAR  
 6080 . . . . . VAR  
 6078 . . . . . VAR  
 6076 . . . . . VAR  
 6077 . . . . . VAR  
 608 . . . . . VAR  
 6075 . . . . . VAR  
 6074 . . . . . VAR  
 6073 . . . . . VAR  
 6104 . . . . . VAR  
 6107 . . . . . VAR  
 6113 . . . . . VAR  
 6112 . . . . . VAR  
 6111 . . . . . VAR  
 6118 . . . . . VAR  
 6141 . . . . . VAR  
 615 . . . . . VAR  
 6129 . . . . . VAR  
 6114 . . . . . VAR  
 6106 . . . . . VAR  
 6110 . . . . . VAR  
 6112 . . . . . VAR  
 6125 . . . . . VAR  
 6140 . . . . . VAR  
 6137 . . . . . VAR  
 6132 . . . . . VAR  
 6116 . . . . . VAR  
 6123 . . . . . VAR  
 6135 . . . . . VAR  
 6121 . . . . . VAR  
 6126 . . . . . VAR  
 6120 . . . . . VAR

1305 Amputation, clitoris, (Jug), no, unknown  
 1304 Amputation, clitoris, degree  
 1303 Hysterectomy after 7 day clamps (CC)  
 1302 Hysterectomy (FC)  
 1317 Hysterectomy (FC)  
 1305 Hysterectomy (FC)  
 1353 French delivery difficultly of manual delivery of head  
 1354 French delivery difficultly of cervical extraction  
 1352 French delivery difficultly of local extraction  
 1350 French delivery difficultly signs deceleration  
 1351 French delivery procedures attempted for delivery of head  
 1356 Uterus forced for delivery of head  
 1350 French delivery presentation  
 1349 French delivery version  
 1367 French delivery version, internal condensate (Jug), no, unknown  
 1300 Cesarean Section, delivery of neck  
 1381 Cesarean Section, delivery of head  
 1380 Cesarean Section, delivery of body, delivery  
 1384 Cesarean Section, delivery of head, delivery  
 1387 Cesarean Section, following attempt at vaginal delivery  
 1384 Cesarean Section, indication, eitherly original vaginal (Jug-51)  
 1417 Cesarean Section, indication, eitherly vaginal (JUG-51)  
 1400 Cesarean Section, indication, initial, following cesarean, indication, initial  
 1429 Cesarean Section, (JUG-51)

1305 Cesarean Section, indication, other (OH-96)  
 1400 Cesarean Section, indication, previous cesarean section (OH-36)  
 1183 Cesarean section, indication, delivery (OH-55)  
 1385 Cesarean section, indication, delivery (OH-55)  
 1401 Cesarean section, indication, abruptio placenta (OH-36),  
 1416 Cesarean section, indication, abruptio placenta (OH-36)  
 1403 Cesarean section, indication, abruptio placenta (OH-36),  
 1408 Cesarean section, indication, abruptio placenta (OH-36)  
 1402 Cesarean section, indication, abruptio placenta (OH-36)  
 1399 Cesarean section, indication, distal fetus (OH-36);  
 1416 Cesarean section, indication, fetus (OH-36);  
 1421 Cesarean section, indication, fetus (OH-36);  
 1391 Cesarean section, indication, fetus (OH-36);  
 1413 Cesarean section, indication, fetus (OH-36);  
 1403 Cesarean section, indication, fetus (OH-36);  
 1411 Cesarean section, indication, fetus (OH-36);  
 1387 Cesarean section, indication, fetus (OH-36);  
 1402 Cesarean section, indication, fetus (OH-36);  
 1395 Cesarean section, indication, fetus (OH-36);

1305 Cesarean Section, indication, other (OH-96)  
 1400 Cesarean Section, indication, previous cesarean section (OH-36)  
 1183 Cesarean section, indication, delivery (OH-55)  
 1385 Cesarean section, indication, delivery (OH-55)  
 1401 Cesarean section, indication, abruptio placenta (OH-36),  
 1416 Cesarean section, indication, abruptio placenta (OH-36)  
 1403 Cesarean section, indication, abruptio placenta (OH-36)  
 1408 Cesarean section, indication, abruptio placenta (OH-36)  
 1402 Cesarean section, indication, abruptio placenta (OH-36)  
 1399 Cesarean section, indication, distal fetus (OH-36);  
 1416 Cesarean section, indication, fetus (OH-36);  
 1421 Cesarean section, indication, fetus (OH-36);  
 1391 Cesarean section, indication, fetus (OH-36);  
 1413 Cesarean section, indication, fetus (OH-36);  
 1403 Cesarean section, indication, fetus (OH-36);  
 1411 Cesarean section, indication, fetus (OH-36);  
 1387 Cesarean section, indication, fetus (OH-36);  
 1402 Cesarean section, indication, fetus (OH-36);  
 1395 Cesarean section, indication, fetus (OH-36);











Form item numbers linked to data items on UB-14, Abortion-Induced Summary of Labor and Delivery

ITEM NO. FROM FORM	DATA ITEM FROM IN	CASEN IN	DATA ITEM FROM IN	DATA ITEM NAME
27	015...08-14	2134	52	dystocia, fetal
27	005...VAR		1316	dystocia, shoulder
28	005...VAR		1126	1325 Cerv; prolonged, George
28	016...08-14	2334	53	prolonged cerv
28	017...08-14	2334	54	prolonged cerv
29	018...08-14	2334	55	prolonged cerv, uterine contract
29	018...08-14	2334	56	uterine contract
30	016...08-14	2334	56	inure, uterine
30	016...08-14	2334	57	inure, uterine
35	005...VAR		1327	labor complications, other
37	018...VAR		1104	rupture of membranes, reason abruption placenta, degree

**DEFINITION OF CODES**  
**OBSTETRICIAN'S SUMMARY OF LABOR AND DELIVERY**  
**FORM OB-34**                                   **CARD 1334**

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 1	1
2. <u>Form Number</u> Code: 334	2-4
3. <u>Revision Number</u> Code: 2 Form Dated: 1/59	5
4. <u>WIDB Number</u> Nine-digit number for Patient Identification Code: As given	6-14
5. <u>Not Coded Because</u> Code: 0 - None listed 1 - Abortion * 2 - Mole, Choriocarcinoma, ectopic pregnancy * 3 - Died undelivered * 4 - Delivered elsewhere * 5 - Unusual delivery procedures, not subject to coding * 9 - Other and unknown reasons *	15
6. <u>Edit Code</u> Code: 0 - Not edited with other forms 1 - Edited with other forms 2 - Provisional coding of one or more items 3 - Data abstracted at PRB 9 - Edit code not used	16
7. <u>Fetus Number</u> Code: 0 - Single birth 1 - 1st of multiple 2 - 2nd of multiple 3 - 3rd of multiple 4 - 4th of multiple	17

\* Card 93342 replaces card 13342 and card ends in col. 20 (see card 9)

**DEFINITION OF CODES (Continued)**

FORM OB-34  
Card 1334

**FIELD**

**CARD  
COLUMN**

7. Fetus Number (continued)

17

Code: 9 - Unknown (includes abortion and fetus not specified as multiple)

8. Type of Delivery

18

Code: 0 - Not applicable  
1 - Vertex, undifferentiated  
2 - Breech  
3 - Version and Extraction  
4 - Cesarean Section  
5 - Occiput  
6 - Brow, face or chin (sinciput)  
9 - Unknown

9. Unsuccessful Attempt to Deliver  
(Preceding Cesarean Section)

19

Code: 0 - None - not applicable  
1 - Vertex  
2 - Breech  
3 - Version and Extraction  
9 - Unknown

10. Labor

20

Code: 0 - None, Cesarean Section, questionable labor  
1 - Labor  
8 - Labor, but no information on duration of any stage  
9 - Unknown if labor, not applicable

11. Date of Onset of Labor

21-26

Item 1  
Six-digit code for month (cols. 21-22), day (cols. 23-24), and year (cols. 25-26)

Code: As given

000000 - Not applicable  
6X\*\* and four blanks - Decapitation (card ends in col. 35)  
7X\*\* and four blanks - No Labor (card ends in col. 35)

\*\* X = 11 punch

**DEFINITION OF CODES (Continued)**

FORM OB-34  
Card 1334

**FIELD**

**CARD  
COLUMN**

11. Date of Onset of Labor (continued) 21-26
- Code: 6X\*\* and four blanks - Abortion  
(card ends in col. 22)  
9X\*\* and four blanks - Home or  
other hospital delivery  
(card ends in col. 35)  
99 - Month, day and/or year unknown
12. Time of Onset of Labor 27-30
- Item 1
- Code: As given in hours and minutes based  
on 24 hour clock  
Blank - Codes 6X, 7X, 8X, 9X in Field 11  
0000 - Not applicable  
9999 - Unknown
13. Duration: First Stage of Labor 31-34
- Item 2
- Code: As given in hours and minutes  
Blank - Same as in Field 12  
0000 - Not applicable  
9999 - Unknown
14. Duration: Second Stage of Labor \* 35-38
- Item 2
- Code: Same as in Field 13 except that  
X and three blanks - no labor, unknown,  
no 2nd stage
15. Duration: Third Stage of Labor \* 39-42
- Item 2
- Code: As given in hours and minutes  
0000 - Not applicable  
5688 - Placenta delivered with or before  
infant (except C/S)  
9999 - Unknown
16. Total - Combined First and Second Stages \* 43-46
- Item 2
- Code: As given in hours and minutes

\* Blanks can exist in this field, see field 12  
\*\* X = 11 punch

**DEFINITION OF CODES (Continued)**

FORM OB-3-  
Card 1334

<u>FIELD</u>	<u>CARD COLUMN</u>
16. <u>Total - Combined First and Second Stages*</u> (cont.) Code: 0000 - Not applicable, combined total not reported - duration of both first and second stages specified in Fields 13 and 14 9999 - Unknown	43-46
17. <u>VERTEX, BROW, FACE DELIVERY</u> <u>Position, Presentation During First Stage*</u> Code: See attachment "Position Codes" page OB 34 - 20	47-49
Additional codes: 000 - No labor 666 - Breech; all, including compound breech 777 - Vertex undifferentiated 888 - Other presentations 999 - Unknown	
18. <u>Position in Delivery Room*</u> Code: See attachment "Position Codes" page OB 34 - 20	50-52
Additional codes: Same as in Field 17, except 999 - Unknown, no labor, not applicable	
19. <u>Position Converted to (From Brow, Face, or Chin)*</u> Code: See attachment "Position Codes" page OB 34 - 20	53-55
Additional codes: 000 - Conversion not attempted, not applicable 777 - Converted to unknown position 888 - Unsuccessful attempt to convert 999 - Unknown	

\* Blanks can exist in this Field, see Field 12

**DEFINITION OF CODES (Continued)**

FORM OB-34  
Card 1334

**FIELD**

**CARD  
COLUMN**

20.	<u>Rotation of Head*</u> Item 5	56
	Code: 0 - No attempt to rotate, not applicable	
	1 - Manual	
	2 - Simple, easy forceps	
	3 - Firm forceps	
	4 - Difficult forceps	
	5 - Extremely difficult forceps	
	6 - Unsuccessful attempt, any method (even if followed by successful)	
	7 - Forceps used - degree of difficulty not specified	
	8 - Successful rotation (more than one direction, or two or more forcep rotations)	
	9 - Unknown	
21.	<u>Head Rotated Front*</u> Item 5	57-59
	Code: See attachment "Position Codes" page OB 34 - 20	
	Additional codes:	
	000 - No attempt at rotation, not applicable	
	999 - Unknown	
	X** and two blanks - No attempt to rotate, not applicable	
22.	<u>Head Rotated Top*</u> Item 5	60-62
	Code: See attachment "Position Codes" page OB 34 - 20	
	Additional codes:	
	Same as in Field 21, except	
	Three blanks - No attempt to rotate, not applicable	
23.	<u>Delivery of Rear*</u> Item 6	63
	Code: 0 - Not applicable, no attempt to deliver as vertex	
	1 - Spontaneous, controlled	
	2 - Spontaneous, uncontrolled	
	3 - Elective forceps attempt	
	4 - Indicated forceps attempt	

\* Blanks can exist in the Field, see Field 12  
\*\* X = 11 punch

**DEFINITION OF CODES (Continued)**

FORM OB-34  
Card 1334

**ITEMS**

**CARD  
COURCE**

23. Delivery of Head (cont.) 63
- Code: 5 - Spectaculus, unknown if controlled or uncontrolled  
 6 - Forceps, unknown if elective or indicated  
 7 - Vacuum extractor without forceps  
 8 - Vacuum extractor with forceps  
 9 - Unknown
24. Type of Forceps Delivery 64
- Item 6
- Code: 0 or X\* - Not applicable, no attempt at forceps delivery  
 1 - Low - Class I Outlet  
 2 - Mid (when skull on perineal floor, but sagittal suture not in AP diameter of pelvis) - Class II Low  
 3 - Mid (when engagement of BIP is inlet but skull not on pelvic floor) - Class III Mid  
 4 - High forceps - Class IV High  
 7 - Unknown if used  
 8 - Unsuccessful attempt  
 9 - Unknown
25. Degree of Difficulty of Forceps Delivery 65
- Item 6
- Code: Blank or 0 - Not applicable, no attempt at forceps delivery  
 1 - Simple, easy }  
 2 - Slight fit } Average difficulty  
 3 - Difficult  
 4 - Extremely difficult  
 7 - Unknown if forceps used  
 8 - Unsuccessful attempt  
 9 - Unknown
26. Type 66
- Item 7
- Code: 0 - Not applicable  
 1 - Frank  
 2 - Single footling, single knee  
 3 - Double footling, double knee  
 4 - Complete  
 5 - Compound  
 6 - Version and extraction attempt  
 9 - Unknown

\* Blanks can exist in the field, see Field 12  
\*\* X = 11 punch

**DEFINITION OF CODES (Continued)**

FORM OB-3a  
Card 1334

**FIELD**

**CARD  
COLUMN**

27.	<u>Delivery of Body</u>	67
	<u>Item 8</u>	
	Code: 0 - Not applicable 1 - Spontaneous 2 - Partial extraction 3 - Total extraction 4 - Breech decomposition only 8 - Version and extraction attempt 9 - Unknown	
28.	<u>Delivery of Head</u>	68
	<u>Item 9</u>	
	Code: 0 - Not applicable, none 1 - Spontaneous, controlled, (manual) 2 - Spontaneous, uncontrolled 3 - Spontaneous, unknown if controlled or uncontrolled 8 - Unsuccessful attempt 9 - Unknown	
29.	<u>Forceps to After-coming Head</u>	69
	<u>Item 9</u>	
	Code: 0 - Not applicable, none 1 - Simple, easy 2 - Smug 3 - Difficult 4 - Very difficult 5 - Unknown difficulty 3 - Unsuccessful attempt at delivery of head 9 - Unknown	
30.	<u>VERSION AND EXTRACTION</u>	
	<u>Indications for Attempt</u>	70
	<u>Item 10</u>	
	Code: 0 - Not applicable 1 - Second twin 2 - Prolapsed cord 4 - Transverse lie 8 - Other and multiple indications 9 - Unknown	

**DEFINITION OF CODES (Continued)**

FORM OB-34  
Card 2334

**FIELD**

**CARD**  
**COLUMNS**

1.	<u>Code Number</u> Code: 2	1
2.	<u>Basic Data</u> Code: Same as in columns 2-20 of Card I	2-20
3.	<u>Cord Complications</u> Item 16 Five-digit code for: <u>Around Neck, Tight</u> (col. 21) Code: 0 - None, no cord complications 1-7 - Number of times as given 8 - Unknown number of times 9 - Unknown if around neck, tight  <u>Around Neck, Loose</u> (col. 22) Code: 0 - None 1-7 - Number of times as given (tension loose or unknown) 8 - Unknown number of times 9 - Unknown if around neck, loose X* - No cord complications  <u>Around Body</u> (col. 23) Code: Blank - No cord complications 0 - None 1 - Tight only, tight and loose 2 - Loose only, unknown tension 9 - Unknown if around body  <u>True Knot in Cord</u> (col. 24) Code: Blank - No cord complications 0 - None 1 - Tight (one or more) 2 - Loose (all loose), unknown tension 9 - Unknown  <u>Other Complications</u> (col. 25) Code: Blank - No cord complications 0 - None 1 - Hematoma 2 - Ruptured cord or vessel 3 - Combination of codes 1 and 2 4 - Other cord complications 5 - Combination of codes 1 and 4 6 - Combination of codes 2 and 4 7 - Combination of codes 1, 2, and 4 9 - Unknown	21-25

\* X = 11 punch

## DEFINITION OF CODES (Continued)

FORM OB-34  
Card 2334

<u>FIELD</u>	<u>CARD</u>	<u>COLUMN</u>
4. <u>Evidence of Premature Placental Separation (ABRUPTIO)</u> <u>Item 17</u> Code: 0 - None 1 - Partial 2 - Complete 9 - Unknown	26	
5. <u>Evidence of Placenta Previa</u> <u>Item 17</u> Code: 0 - None 1 - Present 9 - Unknown	27	
6. <u>Evidence of Marginal Sinus Rupture</u> <u>Item 17</u> Code: Same as in Field 5	28	
7. <u>Induction of Labor</u> <u>Item 18</u> Code: 0 - No attempt 1 - Successful 2 - Unsuccessful 8 - Attempted, unknown if successful 9 - Unknown if attempted	29	
8. <u>Method of Induction</u> <u>Item 19</u> Five-digit code for: <u>Membranes Stripped</u> (col. 30) Code: 0 - Not stripped 1 - Stripped 6 - No attempt at induction 7 - Unknown if induction attempted 9 - Unknown if stripped X* - Labor not induced, if induced method unknown or unknown if induced  <u>Membranes Ruptured</u> (col. 31) <u>Oxytocic</u> (col. 32) <u>Castor Oil or Quinine</u> (col. 33) <u>Other</u> (col. 34) Code for each column: X* or blank - Same as code "X" in col. 30 0 - No 1 - Yes 6 - No attempt at induction 7 - Unknown if induction attempted 9 - Unknown Note: 6's in entire field = no attempt at induction; 7's in entire field = unknown if induction attempted	30-34	
* X = 11 punch		

## DEFINITION OF CODES (Continued)

FORM OB-34  
Card 2334FIELDCARD  
COLUMN

9. Artificial Puncture of Membranes  
Item 20 35
- Code: 0 - Not artificially ruptured  
 1 - For induction  
 2 - Stimulation - latent phase  
 3 - Stimulation - active phase  
 4 - Stimulation - second stage  
 5 - Terminal in delivery room; at  
 C/S (if previously intact)  
 6 - Stimulation at unknown phase or  
 stage  
 7 - Other indication, alone or in  
 combination with one of the above  
 8 - Unknown if for induction, stimulation  
 or other indication  
 9 - Unknown if artificially ruptured

10. Use of Oxytocic 36  
Item 21
- Code: 0 - Not used  
 1 - Used  
 9 - Unknown

11. Oxytocic 37-42  
Item 21
- Six-digit code for:  
Induction (col. 37)  
 Code: 0 - Not used  
 1 - Used  
 6 or X\* - Oxytocic not used  
 7 - Unknown if oxytocic used  
 9 - Unknown if used for induction

Stimulation Latent Phase (col. 38)  
Stimulation Active Phase (col. 39)  
Stimulation Second Stage (col. 40)  
Other Indication (col. 41)

Code for each column:  
 Blank - Oxytocic not used  
 0 - Not used  
 1 - Used  
 6 - Oxytocic not used  
 7 - Unknown if oxytocic used  
 9 - Unknown if used

\* X = 11 punch

## DEFINITION OF CODES (Continued)

FORM OB-34  
Card 2334FIELDCARD  
COLUMN

11. Oxytocic (cont.) 37-42  
Unusual Reaction (col. 42)  
Code: Blank - Oxytocic not used  
0 - Not applicable, no unusual response, no reaction  
1 - Sustained contraction  
2 - Intermittent tetanic contraction  
3 - Combination of codes 1 and 2  
4 - Other unusual reaction  
5 - Combination of codes 1 and 4  
6 - Combination of codes 2 and 4  
7 - Combination of codes 1, 2, and 4  
9 - Unknown reaction
12. Special Procedures During Labor 43-44  
Two-digit code for:  
First Procedure (col. 43)  
Code: 0 - None  
1 - Version maneuver (internal or external excluding version and extraction)  
2 - Manual dilatation of cervix  
3 - Combination of codes 1 and 2  
4 - Duhrssen's incisions  
5 - Combination of codes 1 and 4  
6 - Combination of codes 2 and 4  
7 - Combination of codes 1, 2, and 4  
9 - Unknown  
Second Procedure (col. 44)  
Code: 0 - None  
1 - Vorhees Bag  
2 - Abdominal surgery during labor (not C/S)  
3 - Combination of codes 1 and 2  
4 - Other  
5 - Combination of codes 1 and 4  
6 - Combination of codes 2 and 4  
7 - Combination of codes 1, 2, and 4  
9 - Unknown
13. Bleeding 45  
Item 23  
Code: 0 - None  
1 - Yes (heavy show or free)  
5 - Unknown

**DEFINITION OF CODES (Continued)**

FORM OB-34  
Card 2334

**FIELD**

**CARD  
COLUMN**

14. Bleeding in Labor  
Item 23  
Three-digit code for:  
Premature Separation (col. 46)  
Code: 0 - None, not applicable  
1 - Partial  
2 - Complete  
8 - Separation of unknown degree  
9 - Unknown

46-48

Placenta Previa (col. 47)  
Code: 0 - None, not applicable  
1 - Low implantation  
2 - Marginal  
3 - Partial  
4 - Total  
8 - Previa of unknown degree  
9 - Unknown

Other or Unknown Causes (col. 48)  
Code: 0 - None, not applicable  
1 - Marginal sinus rupture  
2 - Vasa previa  
3 - Combination of codes 1 and 2  
4 - Other causes (includes excessive "show")  
5 - Combination of codes 1 and 4  
6 - Combination of codes 3 and 4  
7 - Combination of codes 1, 2, and 4  
9 - Unknown

15. Uterine Dysfunction  
Item 24  
Code: 0 - None  
1 - Latent phase  
2 - Active phase  
3 - Combination of codes 1 and 2  
4 - Second stage  
5 - Combination of codes 1 and 4  
6 - Combination of codes 2 and 4  
7 - Combination of codes 1, 2, and 4  
8 - Unknown phase or stage  
9 - Unknown if uterine dysfunction

49

**DEFINITION OF CODES (Continued)**

FORM OB-34  
Card 2334

**FIELD**

**CARD  
COLUMN**

16.

**Toxemia**

**Item 25**

**50**

- Code: 0 - None  
1 - Chronic hypertension without toxemia  
2 - Chronic hypertension with toxemia  
3 - Chronic hypertension with eclampsia  
4 - Pre-eclampsia  
5 - Eclampsia  
6 - Unclassified  
9 - Unknown

17.

**Maternal Dystocia**

**Item 26**

**51**

- Code: 0 - None  
1 - CPD with contracted pelvis  
2 - CPD without contracted pelvis  
3 - Tumor blocking birth canal  
4 - Other maternal dystocia  
7 - Multiple maternal causes of dystocia  
8 - Unknown type of dystocia  
9 - Unknown if any dystocia

18.

**Fetal Dystocia**

**Item 27**

**52**

- Code: 0 - None  
1 - Hydrocephalus  
2 - Shoulder  
3 - Head  
4 - Persistent posterior, positional dystocia  
5 - Other fetal dystocia  
7 - Multiple fetal causes  
8 - Unknown type of dystocia  
9 - Unknown if dystocia

**DEFINITION OF CODES (Continued)**

FORM OB-3  
Card 2334

<u>FIELD</u>	<u>CARD COLUMN</u>
19. <u>Prolapsed Cord</u> Item 28	53
Code: 0 - None 1 - Occult 2 - Cord through cervical Os into vagina 3 - Cord through vaginal introitus 8 - Unknown degree ? - Unknown if prolapse	
20. <u>Prolapse of Cord: Treatment</u> Item 28	54-55
Two-digit code for: <u>Immediate</u> (col. 54) Code: Blank - No prolapse 0 - None, no prolapse 1 - Replaced 2 - Protected with hand 4 - Knee-chest position 7 - Multiple 8 - Other 9 - Unknown	
<u>Ultimate</u> (col. 55) Code: Blank - No prolapse 0 - None, no prolapse 1 - Replaced 2 - Cesarean Section 4 - Version and extraction 8 - Other 9 - Unknown	
21. <u>Rupture of Uterus</u> Item 29	56
Code: 0 - None 1 - Spontaneous (before labor), previous C/S scar 2 - Spontaneous (before labor), previous operative scar 3 - Spontaneous (before labor), intact uterus 4 - Traumatic (before labor) 5 - Spontaneous (during labor), previous C/S scar 6 - Spontaneous (during labor), previous operative scar 7 - Spontaneous (during labor), intact uterus 8 - Traumatic (during labor) 9 - Unknown	

**DEFINITION OF CODES (Continued)**

FORM OB-34  
Card 2334

**FIELD**

22. Other Labor Complications  
Item 30  
Code: 0 - No  
1 - Yes  
9 - Unknown

**CARD**  
**COLUMN**

57

## DEFINITION OF CODES (Continued)

FORM OB-34  
Code 1334FIELDCARD  
COLUMN

1.	<u>Card Number</u> Code: 3	1
2.	<u>Basic Data</u> Code: Same as in cols. 2-20 of Card 1	2-20
3.	<u>Labor</u> <u>Item 12</u> Code: 0 - Not in labor, presentable 1 - In labor 9 - Unknown	21
4.	<u>Indication</u> <u>Item 13</u> Sixteen digit code form: Previous Cesarean Section Fetal distress Cephalo-pelvic disproportion Primigravida with breech Elderly primigravida Transverse lie Prolapsed cord Uterine Myoma Previous pelvic or cervical repair Diabetes Toxemia Abruptio placenta Placenta previa Failed forceps Uterine dysfunction Other	22-37
		{ col. 22) { col. 23) { col. 24) { col. 25) { col. 26) { col. 27) { col. 28) { col. 29) { col. 30) { col. 31) { col. 32) { col. 33) { col. 34) { col. 35) { col. 36) ( col. 37)
5.	<u>Type</u> <u>Item 14</u> Code: 1 - Low 2 - Classical	38

**DEFINITION OF CODES (Continued)**

FORM OB-34  
Card 3334

<u>FIELD</u>	<u>CARD COLUMN</u>
5. <u>Type</u> Code: 3 - Extraperitoneal (in combination with other types except code 4) 4 - Cesarean hysterectomy 8 - Other (includes lcv and classical combined) 9 - Unknown	(continued) 38
6. <u>Delivery of Head</u> <u>Item 15</u> Code: 1 - Manual 2 - Forceps, simple or easy 3 - Forceps, snug fit 4 - Forceps, difficult 5 - Forceps, extremely difficult 6 - Forceps, difficulty unknown 7 - Forceps, unsuccessful attempt 9 - Unknown	39

**DEFINITION OF CODES (Continued)**

FORM OB-34  
Card 9334

<u>FIELD</u>	<u>CARD COLUMN</u>
1. <u>Card Number</u> Code: 9	1
2. <u>Basic Data</u> Code: Same as in columns 2-14 of Card 1	2-14
3. <u>Not Coded Because</u> Code: 1 - Abortion 2 - Mole, Choriocarcinoma, ectopic pregnancy 3 - Died undelivered 4 - Delivered elsewhere 5 - Unusual delivery procedures, not subject to coding 9 - Other and unknown reasons	15
4. <u>Edit Codes</u> Code: 0 - Not edited with other forms 1 - Edited with other forms 2 - Provisional coding of one or more items 3 - Data abstracted at PAB 9 - None of the above	16
5. <u>Fetus Number</u> Code: 0 - Single birth 1 - 1st of twins 2 - 2nd of twins 6 - One of twins - order of birth not specified 7 - Remaining twins - order of birth not specified 8 - Triplets or more (for all infants in case) 9 - Unknown (includes abortion and fetus not specified as multiple)	17
6. <u>Type of Eventual Delivery</u> Code: 0 - Abortion, Choriocarcinoma, Ectopic Pregnancy, died undelivered 1 - Vertex, undifferentiated	18

## DEFINITION OF CODES (Continued)

FORM OB-34  
Card 9334ITEMCARD  
COLUMN

6. Type of Eventual Delivery (cont.) 18
- Code: 2 - Breech  
       3 - Version and Extraction  
       4 - Cesarean Section  
       5 - Occiput  
       6 - Brow, face or chin (sinciput)  
       9 - Unknown
7. Unsuccessful Attempt to Deliver (Preceding) 19  
Cesarean Section  
 Code: 0 - None, not applicable  
       1 - Vertex, brow, face, occiput  
       2 - Breech  
       3 - Version and extraction  
       9 - Unknown
8. Labor 20  
 Code: 0 - None, questionable labor in  
           Cesarean Section  
       1 - Labor  
       8 - Labor, but no information on  
           duration of any stage  
       9 - Unknown if labor, not applicable

OB-34  
Attachment A  
Position Codes

011 OA  
012 OT  
013 OP  
021 MA  
030 Brow  
031 Brow, anterior  
050 Face  
051 Face anterior

110 LO  
111 LOA  
112 LOT  
113 LOP  
121 LMA  
122 LMT  
123 LMP  
132 L brow T  
141 L Sinciput A  
142 L Sinciput T  
143 L Sinciput P

211 ROA  
212 ROT  
213 ROP  
221 RMA  
222 RMT  
223 RMP  
231 R brow A  
232 R brow T  
233 R brow P





OBSTETRICIAN'S RECORD OF LABOR AND DELIVERY  
PAGE OB-31

		BANK											
		CENSUS SHEET FOR DELIVERY ROOM											
13		NUMBER OF PATIENTS											
1/2% Fees	*	NAME											
#	NAME	AGE											
SEX		TIME											
<input type="checkbox"/>													

OB-34 - 25.

II.B.114

OB-34

OBSTETRICIAN'S SUMMARY OF LABOR AND DELIVERY  
FORM OB-34

Name of Hospital		El Rancho																									
Name of Doctor		OB-34																									
Name of Nurse		OB-34																									
Name of Patient		OB-34																									
<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr></table>														1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2	3	4	5	6	7	8	9	10	11	12	13	14														

OB-34 - 24

II.B.115

OB-34

**OBSTETRICIAN'S SUMMARY OF LABOR AND DELIVERY**  
**(For Form OB-34, Dated 1-59)**

**I. INSTRUCTIONS FOR OBSTETRICIAN**

This summary includes observations by the obstetrician which only he, by virtue of his training, experience, and role in the delivery, could be expected to know. It will serve to augment the observations of the labor room and delivery room observer. In general, observations which may be determined from the observer's form have been omitted from this summary in order to concentrate on certain crucial evaluations by the obstetrician.

At the top of the first page, in the space titled "Physician in Charge", fill in the name of the senior obstetrician in charge of the delivery. In some cases, it may be the same obstetrician who does the delivery. In the next space, titled "Delivered by", fill in the name of the physician actually doing the delivery. In the next space, fill in your own name. Under "Date", fill in the month, day, and year that this summary is prepared. In the next space, give the title or position of the person preparing the summary, whether an intern, resident, project obstetrician, etc. This summary may be prepared by the person doing the delivery and should be, if he has had sufficient obstetrical experience to be able to evaluate the items called for. If he is lacking such experience, the summary should be filled in by the physician in charge after detailed conversation with the person actually doing the delivery, in all areas concerned.

**II. SPECIFIC INSTRUCTIONS**

Item #1. "Onset of Labor"

The actual time of onset of labor should be determined at this point in retrospect using all available information. This may or may not be the same as the onset of labor which was determined at the time the patient was admitted, and recorded on the "Admitting Record", OB-30. It is anticipated that this recording of the onset of labor will be the most accurate that can be determined. Give the date (month, day, and year) and the time, utilizing the twenty-four hour clock.

Item #2. "Duration of Labor"

Using the time of onset of labor given in Item #1, calculate in hours and minutes the duration of the first stage, second stage, and the third stage.

Item #3. "Give a Brief Narrative Summary of this Patient's Labor and Delivery, Noting Especially on Features which seem Unusual to You"

This summary is included because it is very important in a study of this type to give the obstetrician a chance to note all unusual features of the patient's labor and delivery. Some of these may not be brought out in the check type of summary provided on the following three pages.

Page 2

This is the summary of the actual delivery, and is obviously a very important area. Only the portion of this page need be completed which is

OBSERVATION'S SUMMARY OF LABOR AND DELIVERY (Con't)

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PAGE 2 (Con't)

concerned with the appropriate type of delivery.

If the baby delivered as a vertex, brow, or face, only the first half of the first column need be filled in.

If the baby delivered as a breech, only Items #7, #8, and #9 need be filled in.

If a version and extraction were done, only Items #10 and #11 need be completed.

If a cesarean section were done, Items #12, #13, #14, and #15 should be completed.

VERTEX, BROW, OR FACE DELIVERY

Under "Position during first stage", be as specific as possible, such as ROP, LOA, etc. This should be your best estimate as to the position of the baby during the first stage. Occasionally, sterile pelvic examination at delivery will make it obvious that what was thought to be one position in the first stage actually was another. Therefore, this should be determined retrospectively after you have made the pelvic examination in the delivery room, and should be the position which you, considering all available information, think the baby occupied during the majority of the first stage. If, with all this information at hand you are still unable to be specific, simply indicate "vertex", "brow", or "face" in this space.

The next item is the baby's position in the delivery room before any attempt at delivery. Be sure you understand what is asked for in each of these two questions, and be as specific as possible. It should be possible in most instances to be able to give the baby's exact position immediately before delivery, such as LOP, etc.

In the next category, if the baby presents as a brow or face, indicate that it was not converted by checking the box labeled "Not converted". If it was converted, check the appropriate box and indicate specifically what it was converted to. This item refers to a conversion performed by the obstetrician and not to a spontaneous conversion by the baby. If the baby presented as a vertex, these two boxes should not be checked.

Item #5. "Rotation of Head"

This relates to the rotation of the head by the obstetrician. If you do not rotate the head, check the box labeled, "Head not rotated". If you do rotate the head, indicate specifically what you rotated it from, what you rotated it to, and if it was a manual rotation, check the box marked, "Manual rotation". If a forceps rotation is done, check the degree of

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## OBSTETRICIAN'S SUMMARY OF LABOR AND DELIVERY (Con't)

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1/59Item #5. "Rotation of Head" (Con't)

difficulty. This calls for an honest, sincere evaluation of the difficulty of obstetrical procedure, which is obviously difficult to quantitate, but it is felt that with some serious thought, these procedures can be divided on the basis of difficulty into four categories. The first is the rotation which can best be described as "Simple", or "Easy". The head is a loose fit in the pelvis and turns easily. The second may best be described as a "Snug fit", but the head is not really hard to turn. Check the box marked "Difficult rotation", if the rotation is more than just a snug fit, and it is really hard to turn the head. This is the type of situation in which one might say, "I wouldn't say that rotation was extremely difficult, but it wasn't easy, either. It was a hard rotation". The fourth category labeled "Extremely difficult rotation", should be reserved for those rotations in which one eventually gets the head rotated, but only with extreme difficulty, and in retrospect wonders whether it might have been preferable to deliver the baby in its original position.

Item #6. "Delivery of Head"

If the head delivered spontaneously, check whether it delivered under "controlled" conditions with gentle back pressure and guiding out of the head by the obstetrician, or delivered under "uncontrolled" conditions in which the physician plays no role of any kind in the delivery of the head. If either one of these two boxes is checked, denoting a spontaneous delivery, no further filling out of this particular portion of the delivery summary is required. If the head is delivered with forceps, check either "Elective" or "Indicated". The forceps delivery is "elective" if this type of delivery is merely elected by the obstetrician as a means of terminating the second stage of labor. The forceps is "indicated" if it is done for a specific obstetrical indication. If you check the box labeled "Indicated", be sure to give the indication for which the procedure was done.

TYPE OF FORCEPS DELIVERY

One of the boxes under "type of forceps delivery" must be checked if the head was delivered with forceps. If the forceps were applied when the head was vicious, the skull on the perineal floor and the sagittal suture in the AP diameter of the pelvis, check the box labeled "low forceps". If the forceps are applied when the skull is on the perineal floor, but the sagittal suture is not in the AP diameter of the pelvis, check the first box labeled "Mid-forceps". There has been a great deal of discussion as to whether it is proper to call this a mid-forceps delivery. However, it makes no difference whether this particular category is labeled "low forceps" or "mid-forceps", as long as the definition is constant. Thus, whether or not you agree that this is properly called a mid-forceps application, be sure to check this particular box when the condition called for in the definition is present; i.e., "the

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## OBSTETRICIAN'S SUMMARY OF LABOR AND DELIVERY (Con't)

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### TYPE OF FORCEPS DELIVERY (Con't)

skull is on the perineal floor but the sagittal suture is not in the AP diameter of the pelvis".

The next box, also labeled "mid-forceps" should be checked when the forceps are applied when the engagement of the BIP in the inlet has taken place, but the skull is not on the pelvic floor. This is the classic definition of mid-forceps and should cause no difficulty in interpretation.

The box labeled "high forceps" should be checked when the forceps are applied before the head is engaged.

If an unsuccessful attempt at any type of forceps delivery is made and this type of delivery is abandoned, check the box labeled "unsuccessful attempt at forceps delivery". This should also include situations where you find it impossible to successfully apply forceps.

### DEGREE OF DIFFICULTY OF FORCEPS DELIVERY

This calls for an evaluation of the force necessary for delivery, and as in the case of forceps rotation, can only be determined by the obstetrician who is actually doing the delivery. If it can be considered a simple or easy delivery in which only a gentle pull of the forceps is required, the box labeled "Simple or easy delivery (gentle pull)" should be checked. This would be the case in many multiparas delivered by forceps where it is obvious that little or no effort is required to deliver the head. If the head is a snug fit in the pelvis, requiring a firm pull for delivery, this category should be checked. This type of delivery could not be called "difficult" and yet it does not fit into the "simple or easy" category. Possibly forceps deliveries of many primi-gravidas might well fall into this category. Skipping to the last item, "extremely difficult delivery", this category should be reserved for those extremely difficult deliveries in which a very hard pull is required, and one wonders in retrospect whether another method of delivery might not have been preferable. This situation, although rare, is one to which the obstetrician is occasionally pushed by the circumstances of the case. The box labeled "difficult delivery" should be reserved for all those cases which cannot be called extremely difficult and yet require more than just a firm pull resulting from a snug fit of the head. This is a difficult delivery requiring a hard pull on the forceps.

### BREECH DELIVERY

#### Item #7. "Type"

This refers to the type of breech encountered in the delivery room just prior to delivery, and before any attempt at delivery has been made. If

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**BREECH DELIVERY (Con't)**

The baby presents by the buttocks only with neither foot down, check the box labeled "frank breech". If one foot is down, check "single footling", and check "double footling" if both feet are down.

**Item #8. "Type of Delivery of Body"**

If the entire body up to the head is delivered by maternal forces only, with no help from you, check the box labeled "Spontaneous". If the body is partially extracted, that is, extruded to the region of the umbilicus by maternal forces and the remainder of the body extracted by you, check the box labeled "Partial extraction". If the body is totally extracted by you, beginning at a point before the body has been extruded to the umbilicus, regardless of whether or not this involves breaking up of the breech, check the box marked "Total extraction". The fourth box "Breech decomposition only" is reserved for those cases in which you "break up the breech" but make no further effort to deliver the body and allow the remainder of the delivery of the body to be accomplished by maternal forces only.

**Item #9. "Delivery of Head"**

This refers to delivery of the after-coming head. If the head delivered spontaneously, that is, without the aid of forceps, indicate by checking the appropriate box whether the delivery of the head was "controlled" or "uncontrolled". If you perform a Mauriceau-Smellie-Viet Maneuver on the after-coming head, or make gentle back pressure on the head so that it delivers slowly, this should be considered a controlled spontaneous delivery. The delivery of the head is uncontrolled if it is delivered by expulsive forces of the mother with no gentle easing out of the head by the obstetrician. If forceps were used to deliver the after-coming head, one of the small boxes under "Forceps to After-coming Head" must be checked. The philosophy for determining into which category the difficulty of delivery of the head belongs is in general the same as that described under vertex delivery. The first box should be checked if the delivery of the head is "simple or easy", requiring only a gentle pull. The box labeled "Snug fit", should be checked if a firm pull on the after-coming head is required. If it is necessary to exert extreme pull on the head to effect delivery so that the procedure could be called extremely difficult, the last box should be checked. All other deliveries of the head falling between extremely difficult and firm pull should fall into the category labeled "Difficult delivery" in which a hard pull is required.

**VERSION AND EXTRACTION DELIVERY**

The next two items, #10 and #11, refer to a version and extraction procedure.

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## Item #10, "Indication"

If a version and extraction is performed, check whether the indication is for "Second twin", "Prolapsed cord", "Transverse lie", or some other indication. If the box labeled "Other" is checked, the indication must be described.

## Item #11, "Delivery of Head"

This item refers to delivery of the after-coming head after the version has been done and the body extracted. All comments on Item #4, "Delivery of Head" under BRACH DELIVERY apply to Item #11.

## CESAREAN SECTION

The next four items, #12, #13, #14, and #15, apply to cesarean section.

## Item #12

If the patient is in labor when the cesarean section is performed, check the box labeled "In labor". If the patient is not in labor, the box labeled "Not in labor" should be checked.

## Item #13, "Indication for Cesarean Section"

Any condition which entered into your decision to perform a cesarean section should be checked. In many cases, a cesarean section will be performed for only one of these indications, but in those cases where more than one condition is present and actually enters into the decision to perform this surgery, more than one indication should be checked. In the event that the cesarean is performed for an indication which is not listed, check the box labeled "Other", and describe the indication.

## Item #14, "Type of Cesarean Section"

If the incision in the uterus is "low", through the lower uterine segment, check the box labeled "Low" regardless of whether the incision in the uterus is transverse or vertical. If a "bimanual" cesarean is done involving a classical longitudinal incision in the upper fundus, check the box so labeled. If an "extra-peritoneal" cesarean is performed, check the appropriate box. If the uterus is removed following the cesarean, check the box labeled "Cesarean-Hysterectomy".

## Item #15, "Delivery of Head"

If the head is delivered manually, check the box labeled "Manual". If forceps are used for delivery, attempt to evaluate the degree of difficulty just as with other delivery procedures. If the head is easily delivered with a gentle pull, check the first box. If the head fits snugly in the uterine incision requiring a firm pull, the second box labeled "tight fit" should be checked. If delivery of the head through the uterine incision

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## Item #12. "Delivery of Head" (Cont'd)

requires an extreme degree of force, and one indicates no force at all. The delay in delivery of the head, the box labeled "normal" or "difficult delivery" should be checked. If the delivery is "difficult" involving a hard pull in which the degree of difficulty would seem to be "moderate" those requiring merely a firm pull and those which require considerable as extremely hard, the box labeled "difficult delivery" might be answered.

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## CORD AND PLACENTAL OBSERVATIONS

The next two items, #13 and #14, are observations for all deliveries whether vertex, breech, brow, face or extraction, or cesarean. These observations are extremely important and may affect the care of the patient by the obstetrician at the time of delivery, also they will often be obvious to the pathologist in the laboratory.

## Item #13. "Cord绕颈(Fig.)"

If there are no circumferences of the cord, check the first box "No umbilical cord". If the cord is wrapped around the neck, check the second box and note how many times the cord is wrapped around the neck. If the cord is wrapped around the neck, but is not coiled, check the third box and indicate how many times the cord is wrapped around the neck. If the cord is wrapped around the neck and is tight, check the next box "cord wrapped too tightly". If the cord is wrapped around the neck, but is not too tight, check the next box "cord wrapped too tightly". If the cord is wrapped around the neck, but is not too tight, check the next box "cord wrapped loosely". If the cord is wrapped around the neck, but is not too tight, check the next box "cord wrapped too loosely". If it is not true that the cord is wrapped around the neck, check the following box "None of the above". If the cord is wrapped around the cord, check the appropriate box. If the cord is wrapped around the spine; note cord. If there is no spine, but the cord is wrapped around the head, check the box "cord wrapped around head". If the cord is wrapped around the head, but is not around the spine, check the box "cord wrapped around head, but not around spine".

## Item #14. "The size of placenta"

The first three boxes refer to possible sizes of the placenta. Check the appropriate. If the placenta appears to be larger than the first three boxes, evidence of "placental casts" or "fetal casts" should be noted. Check the first box labeled "large". If the placenta is not as large as the first box, but is larger than the second box, check the second box labeled "moderate". If the placenta is smaller than the second box, check the third box labeled "small". If the placenta is very small, check the fourth box labeled "tiny". If the placenta is very tiny, check the fifth box labeled "none".

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### Item #17. "Placental Observation" (Cont'd)

described. In some cases the placenta may deliver shortly after the baby, accompanied by a quantity of old and fresh clot. This situation would then be described under "Evidence".

The next two observations "Evidence of Placenta Previa" and "Evidence of Marginal Sinus Rupture", should be checked as either "None" or "Evidence". In the case of placenta previa, the evidence would possibly be an area of ragged appearing placenta with overlying clot immediately adjacent to the area of rupture of the membranes. In the case of marginal sinus rupture, it presumably would be old clot lying along the placental margin. In the case of placenta previa and marginal sinus rupture, the pathologist will be able to confirm your observations through laboratory study. In the case of premature placental separation, however, the obstetrician may be the only one who can make a diagnosis of this condition.

### PROCEDURES AFFECTING THE PROGRESS OF LABOR

The remaining items grouped together under "Procedures Affecting the Progress of Labor" shall be eliminated for all cases.

### Item #18. "Induction of Labor"

If labor was not induced, check the first box labeled "Labor not induced". If induction of labor was attempted by you, by the patient, or by anyone else, check the box labeled "Successful" if the patient went into labor, and check the box labeled "Not successful" if the induction was not effective.

### Item #19. "Methods of Induction"

This shall not be filled out if no attempt was made to induce labor. If an attempt was made, whether successful or unsuccessful, indicate whether it was carried out "Stripped", or "Not stripped", and whether the cervix was "Dilated" or "Not ruptured", by checking the appropriate box.

The next category refers to the use of an oxytocic in the induction of labor. If pitocin or any other oxytocic was used in the induction or augmented induction, check the box labeled "Used". If no oxytocic was used, check the box labeled "Not used".

For the next category, "Castor oil or quinina", the box labeled "Used" should be checked if either of these substances was used in an attempt to induce labor. If neither of these substances was used, check the box labeled "Not used". If any method of induction other than those above was used, check the box labeled "Other method: Used" and describe the method of induction. If no other method was used, check the box labeled "Not used". If labor was induced, but it is not known how the induction

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Item #19. "Method of Induction" (Con't)

was accomplished, check the box labeled "Unknown method of induction". It is assumed that in most cases, the method of induction will be known.

Item #20. "Artificial Rupture of Membranes"

If the membranes ruptured spontaneously, check the first box labeled "Membranes not artificially ruptured". In this case, no further evaluation of this item is necessary. If membranes were artificially ruptured, indicate why the artificial rupture was done by checking the appropriate box, whether for "Induction of labor" or for "Stimulation of labor before three centimeters dilatation", "Stimulation of labor after three centimeters dilatation", "Stimulation of labor in the second stage", or as a terminal procedure in the delivery room immediately prior to delivery. If the membranes were artificially ruptured on any other indication, check the box labeled, "Other indication" and describe the indication for rupture.

Item #21. "Oxytocic Use"

This refers to the use of an oxytocic while the baby is still inside the uterus, and not to the use of oxytocic during the third stage of labor or that given with delivery of the anterior shoulder. If an oxytocic was not used during the first or second stages of labor or for induction, check the box labeled "Oxytocic not used". If an oxytocic was used, check the areas in which it was used by checking the appropriate boxes. If it was used for the induction of labor, check the box labeled "Induction of labor". If it was used during the latent phase before three centimeters dilatation, check this box. If it was used during the active phase after three centimeters dilatation check the box labeled "Active phase". If it was used in the second stage of labor, check the box labeled "Second stage". Be sure to check all boxes for all phases or stages of labor in which an oxytocic was used. Thus, if pitocin was used to induce labor and was continued through the latent phase, through the active phase, and the second stage, or was used at any time in all of these areas, all four of these boxes would be checked. If an oxytocic was used for any other indication, check the box labeled "Other indication" and describe the indication for its use.

The next subject, "Unusual reaction to oxytocic", must be evaluated for all cases in which an oxytocic is used before delivery. If no unusual reaction of any kind is noted, check the first box labeled, "No unusual reaction". If a sustained continuous contraction is noted, check the box labeled "Production of sustained contraction", and following this record the approximate number of minutes that this contraction lasted. If a number of intermittent tetanic contractions were produced, check the next box, and following this indicate over how long a period of time the tetanic contractions continued. If any other unusual reaction to an oxytocic was noted, check this box and describe the reaction.

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### **SPECIAL PROCEDURES DURING LABOR**

If no special procedures noted below were performed, check the first box labeled "No special procedures", and no further evaluation of this group is necessary. If any type of version maneuver was done, (not to include version and extraction which would be described under Items #10 and #11 in this summary), check this box and describe the type of version maneuver that was done. If the cervix was manually dilated, or if Duhrssen's incisions were performed, check the appropriate box. If a Vcorhees Bag was used, this box must be checked. If the patient had any type of abdominal surgery during labor which was not accompanied by the cesarean procedure, this box must be checked and the abdominal surgical procedure described. The anesthesia record obviously must be completed. If any special procedure was performed which you consider important and which is not listed in the group of special procedures above, check the box labeled "Other special procedures" and describe the procedure performed.

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### **COMPLICATIONS DURING LABOR**

Items #23 through #30 refer to various labor complications. In each case if this complication was not present, a check in the first box will serve to negate the entire item.

#### **Item #23. "Bleeding During Labor"**

If the patient had free bleeding during labor, an attempt should be made to indicate the clinical condition responsible. This indictment should be based on all known factors, including clinical course during labor, any examinations performed, placenta observations, etc. If the bleeding is apparently due to either partial or complete premature separation of the placenta, check the appropriate box. If the diagnosis of placenta previa is made, check one of the four appropriate boxes under "Placenta Previa". If, in your opinion, the bleeding was due to a marginal sinus rupture, check this box and similarly in the case of vasa previa. If any other cause is responsible for bleeding, check the box labeled "Other cause" and specify the cause. If the patient had free bleeding during labor, the etiology of which cannot be determined, check the box labeled "Cause of bleeding unknown".

#### **Item #24. "Uterine Dysfunction"**

If no uterine dysfunction was observed, check the first box labeled "No uterine dysfunction". If uterine dysfunction was observed at any time during labor, check the appropriate box according to the definition listed. The latent phase of labor is from the onset of labor until three centimeters dilatation of the cervix has been reached. Lack of progress for

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**Item #24. "Uterine Dysfunction" (Con't)**

six or more hours during this phase should result in the box labeled "Latent phase" being checked. The active phase of labor is from three centimeters cervical dilatation to complete dilatation. Cessation of dilatation for three or more hours during this phase constitutes uterine dysfunction, active phase, and the box labeled "Active phase" should be checked. Second stage dysfunction should be checked if there is lack of progress in descent or rotation for two or more hours in association with poor uterine function during the second stage. If uterine dysfunction has been observed, but it is not known at which stage or phase of labor the dysfunction took place, check the box labeled "Unknown stage". If uterine dysfunction occurred at more than one phase or stage, check more than one box.

**Item #25. "Toxemia"**

If no toxemia was present, check the first box labeled "No toxemia". If toxemia or hypertension was noted at any time during the prenatal course or during labor, the appropriate box should be checked.

**Item #26. "Maternal Dystocia"**

If no maternal dystocia was observed, check the first box labeled "No maternal dystocia". If maternal dystocia is believed to be present, check the appropriate box. If there is cephalo-pelvic disproportion, and the maternal pelvis is considered contracted, check the first box. If there is cephalo-pelvic disproportion and the maternal pelvis appears to be clinically adequate, the second box should be checked. If there is a type of maternal tumor blocking the birth canal and causing dystocia, this box should be checked. If any other cause of maternal dystocia is present, check the box labeled "Other maternal dystocia" and describe.

**Item #27. "Fetal Dystocia"**

This refers to fetal causes for dystocia, other than abnormal position. If no fetal cause for dystocia is present, check the box labeled "No fetal dystocia". If a fetal cause for dystocia is present, check the appropriate box. If the baby has obvious hydrocephalus, check the first box. If the baby has broad shoulders which constitute a reason for difficult delivery or delay during delivery, this box should be checked. If the baby's head, for reasons other than hydrocephalus, was a cause for dystocia, this box should be checked. If any other cause for dystocia was present, check the box labeled "Other fetal dystocia" and specify the fetal cause.

**Item #28. "Prolapsed Cord"**

If no prolapsed cord was observed, check the first box labeled "No prolapsed cord". If a prolapsed cord was noted, check one of the first three boxes indicating whether it was "Occult prolapse", "Cord through

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**Item #28. "Prolapsed Cord" (Con't)**

cervical os into vagina" or "Cord through vaginal introitus". For all cases of cord prolapse, indicate the treatment both immediate and ultimate. Under immediate treatment, if no treatment of the prolapsed cord was elected immediately, the first box should be checked. If the cord was replaced, check the second box. If the cord was protected with the hand, check the third box. The fourth box should be checked if the patient was placed in the knee-chest position. If any other form of treatment was used, check the box labeled "Other", and describe the immediate treatment. If more than one treatment was used immediately, more than one box should be checked.

The next group listed under "Ultimate treatment", refers to the method of treatment which is ultimately selected. If no treatment for the cord prolapse is carried out (other than that specified as immediate treatment), the first box labeled "no treatment" should be checked, except that if replacement of the cord is the only treatment that is ever utilized, the second box labeled "replaced" should be checked. If a cesarean section is performed as ultimate treatment for the cord prolapse, this box labeled "Cesarean section" should be checked. If a version and extraction is done as the ultimate solution to the problem of prolapsed cord, this box should be checked. If any other treatment for prolapsed cord not listed above is elected, the box labeled "Other" should be checked and the treatment should be specified.

**Item #29. "Rupture of Uterus"**

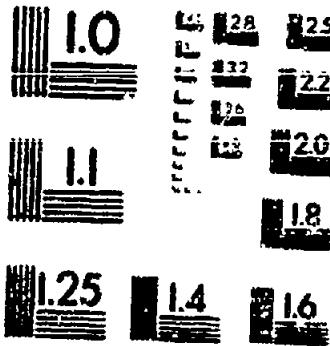
If the uterus is not ruptured before or during labor, check the box labeled "Uterus not ruptured". Should uterine rupture occur, check whether before labor or during labor in the appropriate boxes, and check whether it was a spontaneous rupture of a previous cesarean scar, a spontaneous rupture of a previous operative scar, a spontaneous rupture of an intact uterus, or a traumatic rupture, by checking the appropriate boxes. If traumatic rupture is checked, the trauma responsible must be described.

**Item #30. "Other Labor Complications"**

If any other complications of labor were present which you consider important, check the box labeled "Other labor complications", and describe these complications. If, in your opinion, no other labor complications were present, check the box labeled "No other labor complications".

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