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CLINICAL REPORT
OF THE
TSAN YUK HOSPITAL
FOR THE YEAR
1970



ISSUED BY THE
DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY
OF THE
UNIVERSITY OF HONG KONG

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ABBREVIATIONS

A.C.H.	After-coming head.
Adm.	Admission.
Aft.	After.
A.P.H.	Antepartum haemorrhage.
A.P.O.	... ..	Antero-posterior outlet.
A.R.M.	... ..	Artificial rupture of membranes.
B.B.A.	... ..	Born before arrival.
Bef.	... ..	Before.
B.O.A.	... ..	Born on arrival.
B.M.T.	... ..	Burns-Marshall technique.
B.W.	... ..	Birth weight.
B.P.	... ..	Blood pressure.
C.	... ..	Child.
C.C.S.	... ..	Classical Caesarean section.
C.P.	... ..	Contracted pelvis.
C-P disproportion	... ..	Cephalo-pelvic disproportion.
C.S.	... ..	Caesarean section.
D.	... ..	Died.
Disch.	... ..	Discharged.
E.N.A.	... ..	Examination in operating theatre. without anaesthesia.
E.U.A.	... ..	Examination under anaesthesia.
F.	... ..	Female.
F.D.	... ..	Fully dilated.
G.A.	... ..	General anaesthesia.
Hosp.	... ..	Hospital.
I.U.D.	... ..	Intrauterine death.
L.	... ..	Alive.
L.B.	... ..	Live birth.
L.F.	... ..	Low forceps.
L.O.A.	... ..	Vertex, left occipito-anterior.
L.O.P.	... ..	Vertex, left occipito-posterior.
L.O.T.	... ..	Vertex, left occipito-transverse.
L.S.C.S.	... ..	Lower segment Caesarean section.
L.S.A.	... ..	Breech, left sacro-anterior.
L.S.P.	... ..	Breech, left sacro-posterior.
M.	... ..	Mother.
M.	... ..	Male.
M.F.	... ..	Mid forceps.
N.N.D.	... ..	Neo-natal death.
O.C.	... ..	Obstetrical conjugate.
P.E.	... ..	Pre-eclampsia.
P.N.D.	... ..	Perinatal death.
P.O.P.	... ..	Persistent occipito-posterior.
P.O.T.	... ..	Persistent occipito-transverse.
P.P.H.	... ..	Postpartum haemorrhage.
P.P.S.	... ..	Postpartum sterilization.
Qnt.	... ..	Quantity.
R.O.A.	... ..	Vertex, right occipito-anterior.
R.O.P.	... ..	Vertex, right occipito-posterior.
R.O.T.	... ..	Vertex, right occipito-transverse.
R.S.A.	... ..	Breech, right sacro-anterior.
R.S.P.	... ..	Breech, right sacro-posterior.
S.B.	... ..	Stillbirth.
Spont.	... ..	Spontaneous.
T.B.	... ..	Tuberculosis.
T.D.	... ..	Transverse diameter of inlet.
Trans.	... ..	Transverse.
V.D.R.L.	... ..	Venereal disease research laboratory.
V.E.	... ..	Vacuum extraction.
wks.	... ..	Weeks.

TABLE OF COMPARATIVE STATISTICS, 1961-1970

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Adult patients admitted	7,774	7,340	7,624	6,761	5,654	5,361	5,469	6,047	5,919	6,073
Patients delivered in hospital	6,537	5,844	6,455	5,626	5,505	5,163	5,296	5,787	5,700	5,851
Primiparae	2,583	2,412	2,685	2,509	2,314	1,869	2,314	2,378	2,478	2,478
Multiparae	3,954	3,432	3,770	3,317	3,218	3,314	2,982	3,409	3,222	3,373
Patients admitted after delivery	22	25	60	52	59	—	52	113	97	118
Primiparae	1	4	8	4	7	—	4	10	5	13
Multiparae	21	21	52	48	52	60	48	103	92	105
Total patients delivered	6,559	5,869	6,515	5,678	5,564	5,240	5,347	5,900	5,797	5,969
Abortion	22	25	20	40	37	45	33	38	44	42
Patients transferred	4	43	36	32	17	35	23	23	22	24
Patients discharged undelivered	142	80	59	70	52	76	89	109	78	62
Pre-eclampsia	501	127	101	110	83	91	66	132	89	57
Eclampsia	14	3	7	4	4	5	3	7	9	8
Accidental antepartum haemorrhage	55	56	69	46	56	50	43	50	37	51
Placenta praevia	50	53	73	70	55	27	42	49	49	49
Postpartum haemorrhage	37	55	48	43	91	85	78	126	87	108
Contracted pelvis	651	694	585	440	464	443	354	333	350	391
Vacuum extraction	114	295	579	555	622	552	530	580	641	680
Vacuum extraction rate per cent	1.74	5.02	8.96	9.78	11.05	10.43	9.83	9.83	11.05	11.39
Forceps delivery	565	413	327	239	199	205	114	115	217	170
Forceps delivery rate per cent	10.00	7.07	5.04	4.21	3.54	4.04	2.06	1.95	3.74	2.85
Caesarean section	597	527	513	556	615	561	534	609	637	723
Caesarean section rate per cent	9.09	9.02	7.87	9.79	11.11	10.71	9.94	10.32	10.99	12.11
Maternal deaths	8	—	2	6	6	7	2	—	—	2
Maternal death rate (per 1,000 cases admitted)	1.22	—	0.31	1.06	0.90	1.31	0.37	—	—	0.33
(per 1,000 cases delivered)	—	—	—	—	1.06	1.34	0.37	—	—	0.17
Infants born in hospital	6,631	5,874	6,526	5,701	5,567	5,241	5,348	5,854	5,747	5,906
Infants born before admission	22	25	63	52	60	60	52	113	103	118
Total infants born	6,653	5,899	6,589	5,753	5,627	5,301	5,400	5,967	5,850	6,024
Infants transferred	1	6	15	15	6	16	17	21	22	—
Stillbirths (including macerated foetuses)	76	63	95	75	46	56	52	61	59	58
Stillbirth rate (per 1,000 live and stillbirths)	11.46	10.68	14.42	13.04	8.17	10.56	9.63	10.22	10.11	9.64
Neo-natal deaths	88	63	71	58	56	58	59	82	56	52
Neo-natal death rate (per 1,000 live births)	13.43	10.79	10.93	10.22	10.03	11.06	11.03	13.88	9.69	8.72
Perinatal deaths	154	121	163	132	100	109	108	132	109	106
Perinatal death rate (per 1,000 live & stillbirths)	23.22	20.50	24.74	22.95	17.77	20.56	20.00	22.12	18.68	17.62
Corrected perinatal mortality (excluding non-booked cases with I.U.D. on admission)	—	—	—	—	—	—	—	—	96	98
Corrected perinatal mortality rate (per 1,000 live and stillbirths)	—	—	—	—	—	—	—	—	16.49	16.28

STATISTICAL SUMMARY (Continued)

Stillbirth rate (per 1,000 live and stillbirths)	
Total	9.64
Booked	7.46
Non-booked	24.02
Neonatal deaths	
Total... ..	52
Booked	32
Non-booked	20
Neonatal death rate (per 1,000 live births)	
Total	8.72
Booked	6.17
Non-booked	25.91
Perinatal deaths	
Total	106
Booked	68
Non-booked	38
Perinatal death rate (per 1,000 live and stillbirths)	
Total	17.62
Booked	13.01
Non-booked	48.04
* Corrected perinatal mortality (excluding non-booked cases with I.U.D. on admission)	
Total... ..	98
Booked	68
Non-booked	30
Corrected perinatal mortality rate (per 1,000 live and stillbirths)	
Total	16.28
Booked	13.01
Non-booked	38.31
Antenatal Clinic:—	
Total visits	31,315
New patients	4,743
Re-attendances	26,572
Postnatal Clinic:—	
Total visits	3,625
New patients	3,101
Re-attendances	524

* 8 non-booked cases had Intrauterine Death on admission.

TABLE 1

ASSOCIATED DISEASES

ANAEMIA

Total No. of cases	1,354
Booked	1,174
Non-booked	180
Primiparae	520
Multiparae	834
Incidence	22.68%

Type of anaemia:—

1. Iron deficiency	520
2. Thalassemia major	30
3. Combined iron deficiency and thalassemia	2
4. Other haemoglobinopathy	6
5. Other haemolytic anaemia	1
6. Others	226
7. Unknown	569

URINARY TRACT INFECTIONS (Antenatal)

Total No. of cases	98
Incidence	1.64%

AGE GROUP:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>No. of babies</i>	<i>S. B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
20 & under	14	14.29	14	—	—	—
21 — 25	45	45.92	45	1	1	2
26 — 30	22	22.45	22	1	—	1
31 — 35	8	8.16	8	—	1	1
36 — 40	7	7.14	7	—	—	—
41 & over	2	2.04	2	—	1	1
Total	98	100.00	98	2	3	5

PARITY:—

Para 0	53	54.08	53	1	1	2
Para 1	15	15.31	15	—	—	—
Para 2 & over	30	30.61	30	1	2	3
Total	98	100.00	98	2	3	5

TABLE 1 (Continued)

PULMONARY TUBERCULOSIS

	<i>Active</i>	<i>Non-active</i>
Total No. of cases	42	258
Booked	41	232
Non-booked	1	26
Primiparae	20	101
Multiparae	22	157
Incidence... ..	0.70%	4.32%
S. B.		4 (1.33%)
N. N. D.		—
P. N. D.		4 (1.33%)

POTENTIAL DIABETES

Total No. of cases... ..	1
Booked... ..	1
Non-booked	—
Primiparae	—
Multiparae	1
Incidence... ..	0.02%
Maternal deaths	—
S. B.... ..	—
N. N. D.	—
P. N. D.	—

AGE GROUP :—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S. B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
20 & under	—	—	—	—	—	—	—
21 — 25	—	—	—	—	—	—	—
26 — 30	—	—	—	—	—	—	—
31 — 35	—	—	—	—	—	—	—
36 — 40	1	100.00	—	1	—	—	—
41 & over	—	—	—	—	—	—	—
Total	1	100.00	—	1	—	—	—

PARITY :—

Para 0	—	—	—	—	—	—
Para 1	1	100.00	—	1	—	—
Para 2 & over	—	—	—	—	—	—
Total	1	100.00	—	1	—	—

METHOD OF DELIVERY :—

L. S. C. S.	1	100.00	—	1	—	—
Total	1	100.00	—	1	—	—

TABLE 1 (Continued)
DIABETES MELLITUS

Total No. of cases	...	...	...	...	...	...	...	...	...	7
Booked	...	...	...	...	...	...	...	...	...	7
Non-booked	...	...	...	...	...	...	...	...	...	—
Primiparae	...	...	...	...	...	...	...	...	...	2
Multiparae	...	...	...	...	...	...	...	...	...	5
Incidence...	...	...	...	...	...	...	...	...	...	0.12%
Maternal deaths	...	...	...	...	...	...	...	...	...	—
S. B.	...	...	...	...	...	...	...	...	...	—
N. N. D.	...	...	...	...	...	...	...	...	...	—
P. N. D.	...	...	...	...	...	...	...	...	...	—

AGE GROUP:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S. B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
20 & under	—	—	—	—	—	—	—
21 — 25	—	—	—	—	—	—	—
26 — 30	2	28.57	—	2	—	—	—
31 — 35	2	28.57	—	2	—	—	—
36 — 40	3	42.86	—	3	—	—	—
41 & over	—	—	—	—	—	—	—
Total	7	100.00	—	7	—	—	—

PARITY:—

Para 0	...	...	...	2	28.57	—	2	—	—	—
Para 1	...	...	...	2	28.57	—	2	—	—	—
Para 2 & over	...	...	...	3	42.86	—	3	—	—	—
Total	...	...	...	7	100.00	—	7	—	—	—

METHOD OF DELIVERY:—

Spontaneous	...	...	...	3	42.86	—	3	—	—	—
Vacuum extraction	...	...	...	1	14.28	—	1	—	—	—
L. S. C. S.	...	...	...	3	42.86	—	3	—	—	—
Total	...	...	...	7	100.00	—	7	—	—	—

TABLE 3

CARDIAC DISEASE

Total No of cases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	76*
Booked	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	70
Non-booked	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Primiparae	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23
Multiparae	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	53
Incidence	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.27%
Total No of babies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	78
Multiple pregnancies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Maternal deaths	1	undelivered case)
S.B.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
N.N.D.	2	(2.63%)
P.N.D.	2	(2.63%)

ANATOMICAL LESIONS:—

A. Rheumatic heart disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	61
(a) Mitral lesion	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51
(b) Mitral and aortic lesions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
(c) Aortic lesion	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
B. Congenital heart disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
C. Others	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7

* Excluding 3 undelivered cases.

CARDIAC DISEASE (Continued)

AGE GROUP:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S B.</i>	<i>NND</i>	<i>PND</i>
20 & under	5	6.58	—	5	—	—	—
21 — 25	24	31.58	1	25	—	—	—
26 — 30	23	30.26	—	24	—	—	—
31 — 35	8	10.53	—	8	—	—	—
36 — 40	13	17.10	—	13	—	2	2
41 & over	3	3.95	—	3	—	—	—
Total	76	100.00	1	78	—	2	2

PARITY:—

Para 0	21	27.63	1	22	—	—	—
Para 1	24	31.58	—	25	—	—	—
Para 2 & over	31	40.79	—	31	—	2	2
Total	76	100.00	1	78	—	2	2

METHOD OF DELIVERY:—

Spontaneous... ..	30	39.47	—	31	—	1	1
Vacuum extraction	29	38.16	—	30	—	1	1
Forceps	4	5.26	—	4	—	—	—
Assisted breech	2	2.63	—	2	—	—	—
L. S. C. S.	11	14.48	—	11	—	—	—
Total	76	100.00	—	78	—	2	2

FUNCTIONAL GRADING:—

	<i>No. of cases</i>
Class I	34
Class II	33
Class III	8
Class IV	1
Deterioration during pregnancy	12
Post-valvotomy	4

TABLE 4

TOXAEMIA OF PREGNANCY

Total No. of cases	598
Incidence	10.02%
Total No. of babies	616
Multiple pregnancies	18
Maternal deaths	—
S.B.	9 (1.46%)
N.N.D.	3 (0.49%)
P.N.D.	12 (1.95%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	472	78.93	487	4	2	6
Non-booked	126	21.07	129	5	1	6
Total	598	100.00	616	9	3	12

Type of Toxaemia:—

	<i>No. of cases</i>	<i>Percentage among toxaemia</i>
Pre-eclampsia	57	9.53
Eclampsia	8	1.34
Unclassified toxaemia 'A'	392	65.55
Unclassified toxaemia 'B'	120	20.07
Recurrent toxaemia	16	2.67
Essential hypertension	4	0.67
Chronic nephritis	1	0.17

Definition:—

Pre-eclampsia—B.P. over 135/85 m.m. Hg. with oedema and/or proteinuria when B.P. in early pregnancy is known to be normal.

Unclassified toxaemia—all cases booked after 20th week of pregnancy and in whom the normal blood pressure is unknown.

Group 'A'—when the B.P. on discharge is normal.

Group 'B'—when the B.P. on discharge is more than 135/85 mm. Hg.

PRE - ECLAMPSIA (Continued)

PARITY:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Para 0	44	77.19	—	44	—	—	—
Para 1	4	7.02	—	5	—	—	—
Para 2 & over... ..	9	15.79	—	9	—	—	—
Total	57	100.00	—	58	—	—	—

METHOD OF DELIVERY:—

Spontaneous	26	44.82	—	26	—	—	—
Vacuum extraction ...	16	27.59	—	16	—	—	—
Forceps	2	3.45	—	2	—	—	—
Breech	—	—	—	—	—	—	—
Caesarean section ...	14	24.14	—	14	—	—	—
Total	58	100.00	—	58	—	—	—

CLASSIFICATION:—

Mild — B.P. up to 160/100 mm. Hg.

Severe — B.P. more than 160/100 mm. Hg.

PRE-ECLAMPSIA (Continued)

METHOD OF DELIVERY & FOETAL LOSS

	Total		Mild			Severe			
	No. of babies	No. of babies	S. B.	N.N.D.	P. N.D.	No. of babies	S. B.	N.N.D.	P. N.D.
PRIMIPARAE									
(A) Spontaneous labour	33	30	—	—	—	3	—	—	—
(1) Spont. vertex delivery	16	15	—	—	—	1	—	—	—
(2) Vacuum extraction	8	7	—	—	—	1	—	—	—
(3) Forceps	2	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	7	2	—	—	—	1	—	—	—
(5) C.S.	—	6	—	—	—	—	—	—	—
(B) Induced labour	11	8	—	—	—	3	—	—	—
(1) Spont. vertex delivery	3	3	—	—	—	—	—	—	—
(2) Vacuum extraction	5	3	—	—	—	2	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	3	2	—	—	—	—	—	—	—
(5) C.S.	—	—	—	—	—	1	—	—	—
Total	44	38	—	—	—	6	—	—	—
MULTIPARAE									
(A) Spontaneous labour	9	9	—	—	—	—	—	—	—
(1) Spont. vertex delivery	6	6	—	—	—	—	—	—	—
(2) Vacuum extraction	1	1	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	2	2	—	—	—	—	—	—	—
(5) C.S.	—	—	—	—	—	—	—	—	—
(B) Induced labour	5	3	—	—	—	2	—	—	—
(1) Spont. vertex delivery	1	1	—	—	—	—	—	—	—
(2) Vacuum extraction	2	2	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	2	—	—	—	—	—	—	—	—
(5) C.S.	—	—	—	—	—	2	—	—	—
Total	14	12	—	—	—	2	—	—	—
GRAND TOTAL	58	50	—	—	—	8	—	—	—

PRE-ECLAMPSIA (Continued)

BIRTH WEIGHT & FOETAL LOSS:—

	<i>Birth weight (grams)</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
(A)	Spontaneous labour	42	—	—	—
	Under 1,500	—	—	—	—
	1,501 — 2,000	—	—	—	—
	2,001 — 2,500	1	—	—	—
	2,501 — 3,000	23	—	—	—
	3,001 — 3,500	13	—	—	—
	3,501 — 4,000	4	—	—	—
	4,001 & over	1	—	—	—
(B)	Induced labour	16	—	—	—
	Under 1,500	—	—	—	—
	1,501 — 2,000	—	—	—	—
	2,001 — 2,500	3	—	—	—
	2,501 — 3,000	7	—	—	—
	3,001 — 3,500	6	—	—	—
	3,501 — 4,000	—	—	—	—
	4,001 & over	—	—	—	—
	Total	58	—	—	—

INDICATIONS FOR C.S.:— (There may be more than 1 indication in 1 case)

	<i>No. of cases</i>
Foetal distress	7
Maternal distress	4
C-P disproportion	1
Toxaemia	14
Prolapse of cord	1
Previous L.S.C.S.	1
Uterine dysfunction... ..	5
Elderly primigravidae	1
Malpresentations: Breech	3
P. O. P.	8

TABLE 6

ECLAMPSIA

Total No. of cases	8
Incidence:—Overall	0.13%
Among toxæmia	1.34%
Total No of babies	8
Multiple pregnancies	—
Maternal deaths	—
S.B	1 (12.50%)
N.N.D	—
P.N.D.	1 (12.50%)

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Per centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	4	50.00	—	4	—	—	—
Non-booked	4	50.00	—	4	1	—	1
Total	8	100.00	—	8	1	—	1

AGE GROUP:—

20 & under	2	25.00	—	2	1	—	1
21 — 25	3	37.50	—	3	—	—	—
26 — 30	3	37.50	—	3	—	—	—
31 — 35	—	—	—	—	—	—	—
36 — 40	—	—	—	—	—	—	—
41 & over	—	—	—	—	—	—	—
Total	8	100.00	—	8	1	—	1

PARITY:—

Para 0	7	87.50	—	7	1	—	1
Para 1	—	—	—	—	—	—	—
Para 2 & over	1	12.50	—	1	—	—	—
Total	8	100.00	—	8	1	—	1

METHOD OF DELIVERY:—

Spontaneous	2	25.00	—	2	—	—	—
Vacuum extraction	2	25.00	—	2	—	—	—
Low forceps	1	12.50	—	1	—	—	—
Caesarean section... ..	3	37.50	—	3	1	—	1
Total	8	100.00	—	8	1	—	1

TABLE 7

UNCLASSIFIED TOXAEMIA 'A'

Total No. of cases	...	...	...	...	...	...	...	...	...	392
Incidence:—Overall	...	...	...	...	...	...	...	...	...	6.57%
Among toxæmia	...	...	...	...	...	...	...	...	...	65.55%
Total No. of babies	...	...	...	...	...	...	...	...	...	405
Multiple pregnancies	...	...	...	...	...	...	...	...	...	13
Maternal deaths	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	4(0.99%)
N.N.D.	...	...	...	...	...	...	...	...	...	1(0.25%)
P.N.D.	...	...	...	...	...	...	...	...	...	5(1.23%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	310	79.08	—	323	3	1	4
Non-booked	82	20.92	—	82	1	—	1
Total	392	100.00	—	405	4	1	5

AGE GROUP:—

20 & under	41	10.46	—	42	—	—	—
21 — 25	140	35.71	—	146	3	1	4
26 — 30	62	15.82	—	62	—	—	—
31 — 35	68	17.35	—	72	1	—	1
36 — 40	55	14.03	—	57	—	—	—
41 & over	26	6.63	—	26	—	—	—
Total	392	100.00	—	405	4	1	5

PARITY:—

Para 0	200	51.02	—	198	2	1	3
Para 1	42	10.71	—	46	1	—	1
Para 2 & over	150	38.27	—	161	1	—	1
Total	392	100.00	—	405	4	1	5

UNCLASSIFIED TOXAEMIA 'A' (Continued)

METHOD OF DELIVERY AND FOETAL LOSS:-

<i>Method of delivery</i>	<i>Booked</i>				<i>Non-booked</i>			
	<i>No. of Babies</i>	<i>S B</i>	<i>N N D</i>	<i>P.N.D.</i>	<i>No. of Babies</i>	<i>S B.</i>	<i>N N.D.</i>	<i>P.N.D.</i>
PRIMIPARAE								
(A) Spontaneous labour ...	125	2	1	3	24	—	—	—
(1) Spont. vertex delivery	71	2	—	2	14	—	—	—
(2) Vacuum extraction...	24	—	—	—	5	—	—	—
(3) Forceps	5	—	—	—	2	—	—	—
(4) Breech delivery ...	3	—	1	1	1	—	—	—
(5) C.S.	22	—	—	—	2	—	—	—
(B) Induced labour	48	—	—	—	2	—	—	—
(1) Spont. vertex delivery	16	—	—	—	1	—	—	—
(2) Vacuum extraction...	12	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—
(4) Breech delivery ...	2	—	—	—	—	—	—	—
(5) C.S.	18	—	—	—	1	—	—	—
Total... .. .	173	2	1	3	26	—	—	—
MULTIPARAE								
(A) Spontaneous labour ...	117	—	—	—	47	1	—	1
(1) Spont. vertex delivery	87	—	—	—	37	—	—	—
(2) Vacuum extraction...	5	—	—	—	2	—	—	—
(3) Forceps	—	—	—	—	1	—	—	—
(4) Breech delivery...	7	—	—	—	3	—	—	—
(5) C.S.	18	—	—	—	4	1	—	1
(B) Induced labour... ..	33	1	—	1	9	—	—	—
(1) Spont. vertex delivery	20	—	—	—	6	—	—	—
(2) Vacuum extraction...	4	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—
(4) Breech delivery ...	2	1	—	1	1	—	—	—
(5) C.S.	7	—	—	—	2	—	—	—
Total	150	1	—	1	56	1	—	1
GRAND TOTAL	323	3	1	4	82	1	—	1

UNCLASSIFIED TOXAEMIA 'A' (Continued)

BIRTH WEIGHT AND FOETAL LOSS:—

	<i>Birth weight (grams)</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
(A)	Spontaneous labour...	313	3	1	4
	Under 1,500	1	—	—	—
	1,501—2,000	7	1	—	1
	2,001—2,500	43	2	1	3
	2,501—3,000	105	—	—	—
	3,001—3,500	115	—	—	—
	3,501—4,000	36	—	—	—
	4,001 & over	6	—	—	—
(B)	Induced labour	92	1	—	1
	Under 1,500	—	—	—	—
	1,501—2,000	1	—	—	—
	2,001—2,500	12	1	—	1
	2,501—3,000	26	—	—	—
	3,001—3,500	46	—	—	—
	3,501—4,000	7	—	—	—
	4,001 & over	—	—	—	—
	Total	405	4	1	5

INDICATIONS FOR C.S.:— (There may be more than 1 indication in 1 case)

	<i>No. of cases</i>
Toxaemia	59
Foetal distress	17
Failed induction	12
Failed trial of labour	2
Prolonged first stage...	32
Elderly primigravidae	13
Maternal distress	5
Previous C.S.	12
Prolapse of cord	1
Tumours associated with pregnancy...	2
C-P disproportion	3
Malpresentations: Breech	21
P.O.P. or P.O.T.	21
Face	1
Transverse lie	2

TABLE 8

UNCLASSIFIED TOXAEMIA 'B'

Total No. of cases	...	...	...	...	...	...	...	...	...	120
Incidence:—Overall	...	...	...	...	...	...	...	...	...	2.01%
Among toxæmia	...	...	...	...	...	...	...	...	...	20.07%
Total No. of babies	...	...	...	...	...	...	...	...	...	124
Multiple pregnancies	...	...	...	...	...	...	...	...	...	4
Maternal deaths	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	3 (2.42%)
N.N.D.	...	...	...	...	...	...	...	...	...	1 (0.83%)
P.N.D.	...	...	...	...	...	...	...	...	...	4 (3.23%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of babies	S B	N N D	P N D
Booked	84	70.00	—	85	1	—	1
Non-booked	36	30.00	—	39	2	1	3
Total	120	100.00	—	124	3	1	4

AGE GROUP:—

20 & under	6	5.00	—	6	—	—	—
21 — 25	21	17.50	—	22	1	—	1
26 — 30	14	11.67	—	15	—	1	1
31 — 35	20	16.67	—	21	1	—	1
36 — 40	32	26.66	—	32	1	—	1
41 & over	27	22.50	—	28	—	—	—
Total	120	100.00	—	124	3	1	4

PARTY:—

Para 0	25	20.83	—	26	1	1	2
Para 1	15	12.50	—	15	—	—	—
Para 2 & over	80	66.67	—	83	2	—	2
Total	120	100.00	—	124	3	1	4

UNCLASSIFIED TOXAEMIA 'B' (Continued)

METHOD OF DELIVERY AND FOETAL LOSS.—

<i>Method of delivery</i>	<i>Booked</i>				<i>Non-booked</i>			
	<i>No. of babies</i>	<i>S B</i>	<i>N N D</i>	<i>P N D</i>	<i>No. of babies</i>	<i>S B</i>	<i>N N D</i>	<i>P N D.</i>
PRIMIPARAE								
(A) Spontaneous labour ... 15	—	—	—	6	1	1	2	
(1) Spont. vertex delivery 6	—	—	—	3	—	—	—	
(2) Vacuum extraction... 7	—	—	—	1	1	—	1	
(3) Forceps 1	—	—	—	—	—	—	—	
(4) Breech delivery ... 1	—	—	—	1	—	—	—	
(5) C.S. 2	—	—	—	1	—	1	1	
(B) Induced labour 4	—	—	—	1	—	—	—	
(1) Spont. vertex delivery 4	—	—	—	1	—	—	—	
(2) Vacuum extraction ... 1	—	—	—	—	—	—	—	
(3) Forceps 1	—	—	—	—	—	—	—	
(4) Breech delivery ... 1	—	—	—	—	—	—	—	
(5) C.S. 1	—	—	—	—	—	—	—	
Total 19	—	—	—	7	1	1	2	
MULTIPARAE								
(A) Spontaneous labour ... 62	1	—	1	26	1	—	1	
(1) Spont. vertex delivery 50	1	—	1	20	—	—	—	
(2) Vacuum extraction ... 5	—	—	—	2	—	—	—	
(3) Forceps 1	—	—	—	—	—	—	—	
(4) Breech delivery ... 2	—	—	—	3	1	—	1	
(5) C.S. 4	—	—	—	1	—	—	—	
(B) Induced labour 4	—	—	—	6	—	—	—	
(1) Spont. vertex delivery 2	—	—	—	4	—	—	—	
(2) Vacuum extraction ... 1	—	—	—	1	—	—	—	
(3) Forceps 1	—	—	—	1	—	—	—	
(4) Breech delivery ... 1	—	—	—	—	—	—	—	
(5) C.S. 2	—	—	—	—	—	—	—	
Total 66	1	—	1	32	1	—	1	
GRAND TOTAL 85	1	—	1	39	2	1	3	

UNCLASSIFIED TOXAEMIA 'B' (Continued)

BIRTH WEIGHT AND FOETAL LOSS:—

<i>Birth weight (grams)</i>		<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
(A)	Spontaneous labour	109	3	1	4
	Under 1,500	3	1	—	1
	1,501—2,000	5	—	—	—
	2,001—2,500	9	2	—	2
	2,501—3,000	40	—	—	—
	3,001—3,500	42	—	1	1
	3,501—4,000	7	—	—	—
	4,001 & over	3	—	—	—
(B)	Induced labour	15	—	—	—
	Under 1,500	—	—	—	—
	1,501—2,000	1	—	—	—
	2,001—2,500	3	—	—	—
	2,501—3,000	4	—	—	—
	3,001—3,500	6	—	—	—
	3,501—4,000	1	—	—	—
	4,001 & over	—	—	—	—
	Total	124	3	1	4

INDICATIONS FOR C.S. :— (There may be more than 1 indication in 1 case)

	<i>No. of cases</i>
Accidental haemorrhage	2
Toxaemia	1
Foetal distress	3
Previous L.S.C.S.	2
P. O. P.	4
Breech presentation	1
Uterine dysfunction	2
Failed trial of of labour	1
Elderly primigravidae	1

TABLE 9

RECURRENT TOXAEMIA

Total No. of cases	16
Booked	15
Non-booked	1
Primiparae	1
Multiparae	15
Incidence:—Overall	0.27%
Among toxaemia	2.67%
Total No. of babies	16
Multiple pregnancies	—
Maternal deaths	—
S.B.	—
N.N.D.	1 (6.25%)
P.N.D.	1 (6.25%)

TABLE 10

ESSENTIAL HYPERTENSION

Total No. of cases	4
Booked	3
Non-booked	1
Primiparae	1
Multiparae	3
Incidence:—Overall... ..	0.07%
Among toxæmia	0.67%
Total No. of babies	4
Multiple pregnancies	—
Maternal deaths	—
S.B.	1(25.00%)
N.N.D.	—
P.N.D.	1(25.00%)

TABLE 12

**PERSISTENT POSTERIOR POSITION OF THE OCCIPUT
AND TRANSVERSE ARREST**

Total No. of cases	389
Incidence	6.52%
Total No of babies	389
Multiple pregnancies	4*
Maternal deaths	—
S.B.	2 (0.51%)
N.N.D.	3 (0.78%)
P.N.D.	5 (1.29%)

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S B</i>	<i>N N D</i>	<i>P N D</i>
Booked	343	88.17	—	343	1	3	4
Non-booked	46	11.83	—	46	1	—	1
Total	389	100 00	—	389	2	3	5

SUMMARY OF LABOUR:—

	<i>No. of cases</i>
Labour lasting more than 24 hours	5

METHOD OF DELIVERY:—

Spontaneous delivery (face to pubes)	35
Vacuum extraction	185
Low forceps	12
Caesarean section	157
Total	389

* There were only 4 babies in which presentations were P.O.T. or P.O.P.

BREECH DELIVERIES (Continued)

UNCOMPLICATED BREECH DELIVERIES

Total No. of cases	147
Maternal deaths	—
S.B.	—
N.N.D.	1 (0.68%)
P.N.D.	1 (0.68%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	104	70.78	—	104	—	1	1
Non-booked	43	29.22	—	43	—	—	—
Total	147	100.00	—	147	—	1	1

METHOD OF DELIVERY, BIRTH WEIGHT AND FOETAL LOSS:—

Method of delivery	Birth weight	2,501-3,500 gms.			3,501 gms. & over			
		No. of babies	S B	N N.D.	P.N.D.	No. of babies	S.B.	N N.D
Spontaneous		1	—	—	—	—	—	—
Assisted with forceps for								
A.C.H.		47	—	1	1	4	—	—
Assisted with B.M.T. for								
A.C.H.		41	—	—	—	9	—	—
C.S.		33	—	—	—	12	—	—
Total		122	—	1	1	25	—	—

Caesarean section rate 30.61%

BREECH DELIVERIES (Continued)

COMPLICATED BREECH DELIVERIES

Total No. of cases	...	...	...	...	...	...	...	...	...	158
Multiple pregnancies	...	...	...	...	...	...	...	...	...	29
Total No. of babies	...	...	...	...	...	...	...	...	...	163
Maternal deaths	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	16 (9.82%)
N.N.D.	...	...	...	...	...	...	...	...	...	14 (9.40%)
P.N.D.	...	...	...	...	...	...	...	...	...	27 (16.56%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	113	71.52	—	117	11	8	17
Non-booked	45	28.48	—	46	5	6	10
Total	158	100.00	—	163	16	14	27

METHOD OF DELIVERY AND FOETAL RESULT:—

	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	4	2	—	2
Assisted with forceps for A.C.H....	33	1	3	2
Assisted with B.M.T. for A.C.H....	57	12	1	12
Breech extraction	1	—	—	—
C.S.	68	1	10	11
Total	163	16	14	27

Caesarean section rate 41.77%

ASSOCIATED COMPLICATIONS:— (More than 1 complication may be present in a case)

	No. of cases
Prematurity	80
Contracted pelvis	30
Prolonged leaking	6
Toxaemia	33
Prolapse of cord	8
Multiple abnormality of babies	2
Twin pregnancy	29
Placenta praevia	5
Uterine dysfunction	3
A.P.H. of unknown origin	3
A.P.H. of extra-placental causes	2
Total...	201

TABLE 14

TRANSVERSE AND OBLIQUE LIE

(in labour)

Total No. of cases	27
Incidence	0.45%
Total No. of babies	27
Multiple pregnancies	3*
Maternal deaths	—
S.B.	2 (7.41%)
N.N.D.	—
P.N.D.	2 (7.41%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	16	59.26	—	16	1	—	1
Non-booked	11	40.74	—	11	1	—	1
Total	27	100.00	—	27	2	—	2

MANAGEMENT AND FOETAL LOSS:—

<i>Method of delivery</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spont. delivery	1	—	—	—
Internal version and breech extraction	2	—	—	—
L.S.C.S.	19	2	—	2
C.C.S.	5	—	—	—
Total	27	2	—	2

* Only the presentations of the 2nd twins were transverse and oblique lie.

TRANSVERSE AND OBLIQUE LIE (in labour)
(Continued)

ASSOCIATED CONDITIONS AND FOETAL LOSS:— (More than 1 associated condition may be present in 1 case)

<i>Associated conditions</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Multiple pregnancy	3	—	—	—
Prematurity	3	—	—	—
Placenta praevia	18	1	—	1
A.P.H. of unknown origin	6	1	—	1
Toxaemia	5	—	—	—

TABLE 15

FACE AND BROW PRESENTATION

Total No. of cases	14
Incidence	0.23%
Total No. of babies	14
Multiple pregnancies	—
Maternal deaths	—
S.B.	2 (14.29%)
N.N.D.	4 (33.33%)
P.N.D.	6 (42.86%)

BOOKED AND NON-BOOKED.—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	7	50.00	—	7	—	2	2
Non-booked	7	50.00	—	7	2	2	4
Total	14	100.00	—	14	2	4	6

MANAGEMENT AND FOETAL LOSS.—

<i>Method of delivery</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	7	1	4	5
Low forceps	2	1	—	1
C.S.	5	—	—	—
Total	14	2	4	6

ASSOCIATED CONDITIONS AND FOETAL LOSS.—

<i>Associated conditions</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Prematurity	1	1	—	1
Contracted pelvis	3	—	2	2
Toxaemia	1	—	—	—
Multiple congenital malformations of baby	6	1	3	4
Rupture of C.S. scar	1	—	—	—
Total	12	2	5	7

TABLE 17

PROLAPSE AND PRESENTATION OF CORD

Total No. of cases	17
Incidence	0.28%
Total No. of babies	17
Multiple pregnancies	—
Maternal deaths	—
S.B.... ..	2(11.76%)
N.N.D.	1(6.67%)
P.N.D.	3(17.65%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	7	41.18	—	7	—	—	—
Non-booked	10	58.82	—	10	2	1	3
Total	17	100.00	—	17	2	1	3

PRESENTATION AND FOETAL LOSS:—

Presentation	No. of babies	S.B.	N.N.D.	P.N.D.
Vertex	7	—	—	—
Breech	9	2	1	3
Transverse and oblique lie	1	—	—	—
Total	17	2	1	3

MANAGEMENT AND FOETAL LOSS:—

Method of delivery	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	2	—	—	—
Low forceps... ..	1	—	—	—
Internal version and breech extraction	1	—	—	—
Assisted breech	6	2	—	2
L.S.C.S.	6	—	—	—
C.C.S.	1	—	1	1
Total	17	2	1	3

TABLE 18

HYDRAMNIOS

Total No. of cases	2
Incidence	0.03%
Total No. of babies	2
Multiple pregnancies... ..	—
Maternal deaths	—
S.B.... ..	2(100.00%)
N.N.D.	—
P.N.D.	2(100.00%)

ASSOCIATED FOETAL ABNORMALITIES:—

Nil

TABLE 19

PROLONGED LABOUR

Labour lasting { Primipara-24 hours or more
 Multipara-18 hours or more

Total No. of cases	16
Primiparae	11
Multiparae	5
Incidence	0.27%
Total No. of babies	16
Multiple pregnancies	—
Maternal deaths	—
S.B.	—
N.N.D.	—
P.N.D.	—

BOOKED AND NON-BOOKED:—

	No of cases	Per-centage	Maternal deaths	No of babies	S B	N.N.D.	P.N.D.
Booked	7	43.75	—	7	—	—	—
Non-booked	9	56.25	—	9	—	—	—
Total	16	100.00	—	16	—	—	—

AGE GROUP AND FOETAL LOSS:—

Age group (years)	No. of cases	S.B.	N.N.D.	P.N.D.
20 & under	1	—	—	—
21 — 25	6	—	—	—
26 — 30	6	—	—	—
31 — 35	1	—	—	—
36 & over	2	—	—	—
Total	16	—	—	—

METHOD OF DELIVERY AND FOETAL LOSS:—

Method of delivery	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	6	—	—	—
Vacuum extraction	4	—	—	—
Assisted breech delivery with forceps for A.C.H.	1	—	—	—
C.S.	5	—	—	—
Total	16	—	—	—

DURATION OF LABOUR AND OUTCOME:—

Duration of labour (hours)	No. of cases	S.B.	N.N.D.	P.N.D.
> 18	4	—	—	—
> 24	9	—	—	—
> 36	3	—	—	—
Total	16	—	—	—

TABLE 20

LABOUR FOLLOWING PREVIOUS CAESAREAN SECTION

Total No. of cases	121
Total No. of babies	122
Multiple pregnancies	1
Maternal deaths	—
S.B.	2 (1.64%)
N.N.D.	—
P.N.D.	2 (1.64%)

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S B</i>	<i>N N D.</i>	<i>P.N.D.</i>
Booked	118	97.52	—	119	2	—	2
Non-booked	3	2.48	—	3	—	—	—
Total	121	100.00	—	122	2	—	2

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>S B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	48	2	—	2
Vacuum extraction	37	—	—	—
Forceps	—	—	—	—
Assisted breech	2	—	—	—
C. S.	35	—	—	—
Total	122	2	—	2

TABLE 21

INDUCTION OF LABOUR

Total No. of cases	...	...	...	...	...	...	...	...	...	322
Incidence	...	...	...	...	...	...	...	...	...	5.39%
Total No. of babies	...	...	...	...	...	...	...	...	...	327
Multiple pregnancies	...	...	...	...	...	...	...	...	...	5
Maternal deaths	...	...	...	...	...	...	...	...	...	1
S.B.	...	...	...	...	...	...	...	...	...	7 (2.14%)
N.N.D.	...	...	...	...	...	...	...	...	...	5 (1.56%)
P.N.D.	...	...	...	...	...	...	...	...	...	12 (3.67%)
Success rate	...	...	...	...	...	...	...	...	...	86.96%

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S B</i>	<i>N N D.</i>	<i>P N D</i>
Booked	274	85.09	1	278	5	4	9
Non-booked	48	14.91	—	49	2	1	3
Total	322	100.00	—	327	7	5	12

INDICATIONS:— (There may be more than 1 indication in 1 case)

	<i>No. of cases</i>
Postmaturity (42 weeks or more)	56
Toxaemia of pregnancy	110
Meconium-stained liquor	32
Accidental haemorrhage	4
Intra-uterine death	2
Prolonged leaking or prolonged rupture of membranes	102
A.P.H. of unknown origin	14
Elderly primigravidae	7
Diabetes mellitus	1

INDUCTION OF LABOUR (Continued)

METHOD OF INDUCTION.—

Medical	39 (12.11%)
Surgical	250 (77.64%)
Combined medical and surgical	33 (10.25%)

MEDICAL INDUCTION

PARITY:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Para 0	26	66.67	—	1	1	2
Para 1	4	10.25	—	1	1	2
Para 2 & over	9	23.08	—	4	—	4
Total	39	100.00	—	6	2	8

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	17	41.46	—	3	2	5
Vacuum extraction... ..	4	9.75	—	—	—	—
Forceps	—	—	—	—	—	—
Assisted breech with forceps for A.C.H.	4	9.76	—	—	—	—
Assisted breech with B.M.T. for A.C.H.	4	9.76	—	3	—	3
C.S.	12	29.27	—	—	—	—
Total	41	100.00	—	6	2	8

SURGICAL INDUCTION

PARITY:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Para 0	130	52.00	—	1	1	2
Para 1	35	14.00	—	—	—	—
Para 2 & over	85	34.00	—	—	1	1
Total	250	100.00	—	1	2	3

INDUCTION OF LABOUR (Continued)

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	138	54.76	—	—	1	1
Vacuum extraction ...	48	19.05	—	—	—	—
Low forceps	4	1.59	—	—	1	1
Assisted breech with forceps for A.C.H. ...	3	1.19	—	—	—	—
Assisted breech with B.M.T. for A.C.H. ...	—	—	—	—	—	—
Breech extraction ...	—	—	—	—	—	—
L.S.C.S.	58	23.01	—	1	—	1
C.C.S.	1	0.40	—	—	—	—
Total	252	100.00	—	1	2	3

COMBINED MEDICAL AND SURGICAL INDUCTION

PARITY:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Para 0	22	66.67	—	—	—	—
Para 1	2	6.06	—	—	1	1
Para 2 & over	9	27.27	1	—	—	—
Total	33	100.00	1	—	1	1

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	10	29.41	—	—	1	1
Vacuum extraction ...	7	20.59	1	—	—	—
Low forceps	1	2.94	—	—	—	—
Assisted breech with forceps for A.C.H. ...	1	2.94	—	—	—	—
Assisted breech with B.M.T. for A.C.H. ...	1	2.94	—	—	—	—
C.S.	14	41.18	—	—	—	—
Total	34	100.00	1	—	1	1

TABLE 22

VACUUM EXTRACTION

Total No. of cases	680
Incidence	11.39%
Total No. of babies	681
Multiple pregnancies	2*
Maternal deaths	—
S.B.	1 (0.15%)
N.N.D.	3 (0.44%)
P.N.D.	4 (0.59%)

BOOKED AND NON-BOOKED:—

	No. of cases	Percentage	Maternal deaths	No of babies	S B.	N N D.	P N D.
Booked	607	89.26	—	608	—	3	3
Non-booked	73	10.74	—	73	1	—	1
Total	680	100.00	—	681	1	3	4

PARITY:—

Para 0	483	71.03	—	484	1	1	2
Para 1	107	15.74	—	107	—	—	—
Para 2 & over	90	13.23	—	90	—	2	2
Total	680	100.00	—	681	1	3	4

INDICATIONS:—(More than 1 indication may be present in 1 case)

	No. of cases
Prolonged second stage	297
Foetal distress	156
P.O.P. and P.O.T.	143
Toxaemia	36
Contracted pelvis	1
Labour following previous C.S.	37
Pulmonary tuberculosis	9
A.P.H.	3
Cardiac disease	27
Prolonged first stage	1
Elderly primigravidae... ..	10
Maternal distress... ..	23
Uterine dysfunction	45
Compound presentation	1
Other medical diseases	10

* 3 babies in the 2 sets of twins were delivered by V.E.

TABLE 23
FORCEPS DELIVERY

Total No. of cases	170
Incidence	2.85%
Total No. of babies	171
Multiple pregnancies	17*
Maternal deaths	—
S.B.	5(2.92%)
N.N.D.	6(3.61%)
P.N.D.	10(5.85%)

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S B</i>	<i>N N D.</i>	<i>P N D</i>
Booked	131	77.06	—	132	1	5	5
Non-booked	39	22.94	—	39	4	1	5
Total	170	100.00	—	171	5	6	10

PARITY:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S B</i>	<i>N N D.</i>	<i>P N D</i>
Para 0	107	62.94	—	107	1	4	5
Para 1	31	18.24	—	31	—	2	1
Para 2 & over	32	18.82	—	33	4	—	4
Total	170	100.00	—	171	5	6	10

TYPE OF FORCEPS AND FOETAL LOSS:—

<i>Type of forceps</i>	<i>Foetal loss</i>			<i>Primiparae</i>			<i>Multiparae</i>		
	<i>No of babies</i>	<i>S.B</i>	<i>N N D</i>	<i>P.N.D.</i>	<i>No of babies</i>	<i>S.B</i>	<i>N N D.</i>	<i>P.N D</i>	
Low forceps	59	1	2	3	32	3	2	4	
Assisted breech with forceps for A.C.H....	48	—	2	2	32	1	—	1	
Total	107	1	4	5	64	4	2	5	

INDICATIONS.—(More than 1 indication may be present in 1 case)

	<i>No. of babies</i>
Breech presentation	80
Toxaemia	8
Cardiac disease	4
Prolapse of cord	1
Prolonged second stage	16
P.O.P. or P.O.T.	9
Failed vacuum extraction	4
Face presentation	2
A.P.H.	3
Maternal distress	1
Foetal distress	21
Pulmonary tuberculosis	3
Uterine dysfunction	3

* Only one set of twins had both babies delivered by forceps.

TABLE 24

VERSION IN LABOUR

NIL

TABLE 25

CAESAREAN SECTION

Total No. of cases	723
Incidence	12.11%
Total No. of babies	730
Multiple pregnancies... ..	8*
Maternal deaths... ..	—
S.B.	7(0.96%)
N.N.D.	8(1.11%)
P.N.D.	13(1.78%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	611	84.51	—	616	3	3	5
Non-booked	112	15.49	—	114	4	5	8
Total	723	100.00	—	730	7	8	13

AGE GROUP:—

20 & under	57	7.89	—	59	1	1	1
21 — 25	224	30.98	—	228	2	3	4
26 — 30	158	21.85	—	158	1	2	3
31 — 35	148	20.47	—	149	2	—	2
36 — 40	100	13.83	—	100	1	2	3
41 & over	36	4.98	—	36	—	—	—
Total	723	100.00	—	730	7	8	13

PARITY:—

Para 0	313	43.29	—	316	1	2	2
Para 1	202	27.94	—	204	1	2	2
Para 2 & over	208	28.77	—	210	5	4	9
Total	723	100.00	—	730	7	8	13

* The first baby in 1 set of twins was not delivered by C.S.

CAESAREAN SECTION (Continued)

INDICATIONS:—(More than 1 indication may be present in 1 case)

	<i>No. of cases</i>
Previous L.S.C.S.	238
Foetal distress	83
Malpresentations P.O.P. or O.T.	124
Breech	103
Face	4
Brow	1
Transverse lie	22
Compound	1
Toxaemia of pregnancy	54
Placenta praevia	38
Accidental haemorrhage	16
A.P.H. of unknown origin	5
Uterine dysfunction	90
C-P disproportion	37
Prolapse of cord	8
Tumours associated with pregnancy	7
Elderly primigravidae	44
Failed vacuum extraction	4
Failed trial of forceps	1
Failed trial of labour	50
Failed induction... ..	29
Maternal distress	10

FOETAL COMPLICATIONS:—

	<i>No. of cases</i>
Neonatal jaundice	36
Congenital abnormality	25
Neonatal infection	147
Respiratory distress syndrome	7
Birth trauma	2
Prematurity	74
Other neonatal diseases	21

TABLE 27

CONTRACTED PELVIS

Total No. of cases	391
Incidence	6.55%
Total No. of babies	395
Multiple pregnancies... ..	4
Maternal deaths	—
S.B.... ..	5 (1.27%)
N.N.D.	3 (0.77%)
P.N.D	7 (1.77%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per centage	Maternal deaths	No of babies	S B	N N D	P N D
Booked	340	86.56	—	344	2	2	4
Non-booked	51	13.44	—	51	3	1	3
Total	391	100.00	—	395	5	3	7

PARITY.—

Para 0	152	38.88	—	135	—	1	—
Para 1	122	31.20	—	124	1	—	1
Para 2 & over	117	29.92	—	118	4	2	6
Total	391	100.00	—	395	5	3	7

METHOD OF DELIVERY AND FOETAL LOSS:—

Method of delivery	Primiparae			Multiparae				
	No of babies	S.B	N.N.D	P.N.D.	No of babies	S B	N.N.D	P.N.D
Spontaneous	38	—	—	—	69	3	1	4
Vacuum extraction	27	—	—	—	18	—	—	—
Low Forceps	1	—	—	—	2	—	—	—
Assisted breech with B.M.T. for A.C.H.	—	—	—	—	4	1	—	1
L.S.C.S.	85	—	1	—	147	1	1	2
C.C.S	2	—	—	—	2	—	—	—
Total	153	—	1	—	242	5	2	7

TABLE 28

ANTEPARTUM HAEMORRHAGE

Total No. of cases	201
Incidence	3.37%
Total No. of babies	203
Multiple pregnancies	2
Maternal deaths... ..	1 (0.49%)
S.B.	14 (6.90%)
N.N.D.	7 (3.70%)
P.N.D.	19 (9.36%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	129	64.18	—	131	6	5	9
Non-booked	72	35.82	1	72	8	2	10
Total	201	100.00	1	203	14	7	19

PARITY:—

Para 0	59	29.35	—	59	3	2	5
Para 1	44	21.89	1	45	4	2	4
Para 2 & over	98	48.76	—	99	7	3	10
Total	201	100.00	—	203	14	7	19

TYPE OF A.P.H.:—

Accidental haemorrhage... ..	51 (25.37%)
Placenta praevia	49 (24.38%)
A.P.H. of unknown origin	76 (37.81%)
A.P.H. due to extra-placental causes	25 (12.44%)

TABLE 29

ACCIDENTAL ANTEPARTUM HAEMORRHAGE

Total No. of cases	51
Incidence:—Overall	0.85%
Among A.P.H.	25.37%
Total No. of babies	52
Multiple pregnancies	1
Maternal deaths	—
S.B.	9 (17.31%)
N.N.D.	4 (9.30%)
P.N.D.	13 (25.00%)

CAUSES:—

Toxaemia	7
Unknown	44

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	29	56.86	—	30	3	3	6
Non-booked	22	43.14	—	22	6	1	7
Total	51	100.00	—	52	9	4	13

AGE GROUP:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
20 & under	5	9.80	—	5	—	—	—
21—25	12	23.53	—	12	3	1	4
26—30	14	27.45	—	14	2	1	3
31—35	7	13.73	—	7	1	—	1
36—40	8	15.69	—	8	1	1	2
41 & over	5	9.80	—	6	2	1	3
Total	51	100.00	—	52	9	4	13

PARITY:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Para 0	15	29.41	—	15	3	2	5
Para 1	7	13.73	—	7	1	—	1
Para 2 & over	29	56.86	—	30	5	2	7
Total	51	100.00	—	52	9	4	13

ACCIDENTAL ANTEPARTUM HAEMORRHAGE
(Continued)

METHOD OF DELIVERY:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S B</i>	<i>N N.D.</i>	<i>P N D</i>
Spontaneous... ..	24	47.06	—	24	4	3	7
Vacuum extraction ...	1	1.96	—	1	—	—	—
Low forceps	3	5.88	—	3	1	—	1
Assisted breech with B.M.T. for A.C.H.	4	7.84	—	4	2	—	2
Internal version and breech extraction ...	1	1.96	—	1	—	—	—
L.S.C.S.... ..	18	35.30	—	19	2	1	3
Total	51	100.00	—	52	9	4	13

MANAGEMENT:—

	<i>No. of cases</i>
Nil	20
A.R.M.	8
Caesarean section	14
A.R.M. and Caesarean section	4
E.U.A. or E.N.A.	5

TABLE 30

PLACENTA PRAEVIA

Total No. of cases	49
Incidence:—Overall	0.82%
Among A P.H.	24.38%
Total No. of babies	49
Multiple pregnancies	—
Maternal deaths	1 (2.04%)
S B.	4 (8.16%)
N.N.D.	1 (2.22%)
P.N.D.	4 (8.16%)

BOOKED AND NON-BOOKED—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S B</i>	<i>N N D</i>	<i>P N D</i>
Booked	31	63.27	—	31	2	1	2
Non-booked	18	36.73	1	18	2	—	2
Total	49	100.00	1	49	4	1	4

AGE GROUP:—

20 & under	1	2.04	—	1	—	—	—
21 — 25	8	16.33	—	8	1	1	1
26 — 30	13	26.53	—	13	1	—	1
31 — 35	12	24.49	—	12	1	—	1
36 — 40	12	24.49	1	12	1	—	1
41 & over	3	6.12	—	3	—	—	—
Total	49	100.00	1	49	4	1	4

PARITY:—

Para 0	6	12.24	—	6	—	—	—
Para 1	13	26.53	1	13	2	1	2
Para 2 & over	30	61.23	—	30	2	—	2
Total	49	100.00	1	49	4	1	4

PLACENTA PRAEVIA (Continued)

METHOD OF DELIVERY:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	2	4.82	—	2	1	—	1
L.S.C.S.	44	89.06	—	44	2	1	2
Caesarean hysterectomy	3	6.12	1	3	1	—	1
Total	49	100.00	1	49	4	1	4

BLOOD LOSS AND FOETAL LOSS:—

<i>Amount (ml.)</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
0 — 500 ml.	40	2	—	2
501 — 1,000 ml.	7	1	1	1
1,001 — 1,500 ml.	—	—	—	—
1,501 — 2,000 ml.	—	—	—	—
2,001 — 2,500 ml.	1	—	—	—
2,501 — 3,000 ml.	—	—	—	—
3,001 — over ml.	1	1	—	1
Total	49	4	1	4

TREATMENT:—

	<i>No. of cases</i>
Nil	1
A. R. M.	1
C. S.	43
E. U. A. or E. N. A.	1
Caesarean hysterectomy	3

TABLE 31

A.P.H. OF UNKNOWN ORIGIN

Total No. of cases	76
Incidence:—Overall	1.27%
Among A.P.H.	37.81%
Total No. of babies	76
Multiple pregnancies	—
Maternal deaths	—
S.B.	—
N.N.D.	2 (2.63%)
P.N.D.	1 (1.32%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	48	63.16	—	48	—	1	—
Non-booked	28	36.48	—	28	—	1	1
Total	76	100.00	—	76	—	2	1

PARITY:—

Para 0	25	32.89	—	25	—	—	—
Para 1	17	22.37	—	17	—	1	—
Para 2 & over	34	44.74	—	34	—	1	1
Total	76	100.00	—	76	—	2	1

METHOD OF DELIVERY:—

Spontaneous	56	73.68	—	56	—	—	—
Vacuum extraction	7	9.21	—	7	—	—	—
Low forceps	2	2.63	—	2	—	—	—
Assisted breech with forceps for A.C.H.	1	1.32	—	1	—	—	—
Assisted breech with B.M.T. for A.C.H.	1	1.32	—	1	—	1	—
L.S.C.S.	9	11.84	—	9	—	1	1
Total	76	100.00	—	76	—	2	1

TABLE 33

POSTPARTUM HAEMORRHAGE

Total No. of cases	103
Incidence	1.73%
Total No. of babies	105*
Multiple pregnancies	3
Maternal deaths	—

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S. B</i>	<i>N N D.</i>	<i>P N D</i>
Booked	64	62.14	—	66	1	—	1
Non-booked	39	37.86	—	39	1	—	1
Total	103	100.00	—	105	2	—	2

AGE GROUP.—

20 & under	11	10.68	—	11	—	—	—
21 — 25	29	28.16	—	31	2	—	2
26 — 30	28	27.18	—	28	—	—	—
31 — 35	20	19.42	—	20	—	—	—
36 — 40	14	13.59	—	14	—	—	—
41 & over	1	0.97	—	1	—	—	—
Total	103	100.00	—	105	2	—	2

PARITY:—

Para 0	30	29.13	—	30	1	—	1
Para 1	30	29.13	—	30	1	—	1
Para 2 & over	43	41.74	—	45	—	—	—
Total	103	100.00	—	105	2	—	2

METHOD OF DELIVERY:—

Spontaneous	68	66.02	—	69	—	—	—
Vacuum extraction	16	15.54	—	17	1	—	1
Low Forceps	3	2.91	—	3	—	—	—
Assisted breech with B.M.T. for A.C.H.	2	1.94	—	2	1	—	1
Assisted breech with forceps for A.C.H.	3	2.91	—	3	—	—	—
Caesarean hysterectomy	1	0.97	—	1	—	—	—
L.S.C.S.	10	9.71	—	10	—	—	—
Total	103	100.00	—	105	2	—	2

* There was one B.B.A. case in which the baby was not admitted.

POSTPARTUM HAEMORRHAGE

(Continued)

CAUSES

	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Uterine atony	11	32	43
Retained products of conception ...	6	11	17
Trauma to lower genital tract... ..	7	9	16
Retained placenta	3	19	22
Others	3	2	5
Total	30	73	103

AMOUNT OF BLOOD LOSS:—

<i>Millilitres</i>	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
500 or less	18	25	43
501 — 1,000	7	37	44
1,001 — 1,500	4	7	11
1,501 — 2,000	—	1	1
2,001 — 2,500	—	1	1
2,501 — 3,000	—	1	1
3,001 & over	1	1	2
Total	30	73	103

TREATMENT (There may be more than one type of treatment in one case):—

	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Conservative (Ergometrine, Syntocinon drip)... ..	11	31	42
Blood transfusion	14	42	56
Repair of laceration	5	5	10
Manual removal of placenta	2	11	13
Evacuation of uterus	9	16	25
Hysterectomy	1	3	4
Others (including combined treatment)	1	2	3

TABLE 34

MANUAL REMOVAL OF PLACENTA

Total No. of cases	...	...	...	...	...	...	...	...	...	50
Incidence	...	...	...	...	...	...	...	...	...	0.84%
Total No. of babies	...	...	...	...	...	...	...	...	...	52
Multiple pregnancies	...	...	...	...	...	...	...	...	...	2
Maternal deaths	...	...	...	...	...	...	...	...	...	—

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	28	56.00	—	29	3	—	3
Non-booked	22	44.00	—	23	1	—	1
Total	50	100.00	—	52	4	—	4

AGE GROUP:—

20 & under	3	6.00	—	3	—	—	—
21 — 25	16	32.00	—	16	3	—	3
26 — 30	13	26.00	—	13	1	—	1
31 — 35	6	12.00	—	7	—	—	—
36 — 40	11	22.00	—	12	—	—	—
41 & over	1	2.00	—	1	—	—	—
Total	50	100.00	—	52	4	—	4

PARITY:—

Para 0	9	18.00	—	9	2	—	2
Para 1	17	34.00	—	18	1	—	1
Para 2 & over	24	48.00	—	25	1	—	1
Total	50	100.00	—	52	4	—	4

INDICATIONS:—

	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Adherent placenta	5	24	29
Retained placenta	4	10	14
Placenta accreta	—	4	4
Broken cord...	—	1	1
Others	—	2	2
Total	9	41	50

MANUAL REMOVAL OF PLACENTA (Continued)

METHOD OF DELIVERY:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of babies</i>	<i>S B</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	39	78.43	—	41	1	—	1
Vacuum extraction ...	5	9.81	—	5	1	—	1
Assisted breech with forceps for A.C.H. ...	1	1.96	—	1	—	—	—
Assisted breech with B.M.T. for A.C.H. ...	2	3.92	—	2	2	—	2
Breech extraction	1	1.96	—	1	—	—	—
Caesarean section	2	3.92	—	2	—	—	—
Total	50	100.00	—	52	4	—	4

Postpartum haemorrhage 13 cases (26.00%)

DURATION OF LABOUR:—

No. of cases

Second stage over 1 hour 25

TABLE 35

**TUMOURS ASSOCIATED WITH PREGNANCY,
LABOUR OR PUERPERIUM**

Total No. of cases	36
Incidence	0.60%
Total No. of babies	36
Multiple pregnancies	—
Maternal deaths... ..	—
S.B.	1 (2.78%)
N.N.D.	—
P.N.D.	1 (2.78%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S B</i>	<i>N.N D</i>	<i>P N D.</i>
Booked	30	83.33	—	30	1	—	1
Non-booked... ..	6	16.67	—	6	—	—	—
Total	36	100.00	—	36	1	—	1

PARITY:—

Para 0	16	44.44	—	16	—	—	—
Para 1	5	13.89	—	5	—	—	—
Para 2 & over	15	41.67	—	15	1	—	1
Total	36	100.00	—	36	1	—	1

TYPE OF TUMOUR:—

Ovarian cyst	11
Parovarian cyst	1
Uterine fibromyoma	19
Carcinoma of cervix	1
Gartner's duct cyst	1
Other tumours	3

METHOD OF DELIVERY:—

Spontaneous	11
Vacuum extraction	6
L.S.C.S.	19

TABLE 36

MULTIPLE PREGNANCY

Number of cases 55

TWIN PREGNANCY

Total No. of cases 55
 Incidence of twin pregnancy 0.92%
 Total No. of babies 110
 Maternal deaths —
 Binovular 31
 Uniovular 24

FOETAL MORTALITY:—

	<i>First Twin</i>	<i>Second Twin</i>	<i>Total</i>
S.B.	2	2	4 (3.64%)
N.N.D.	—	1	1 (0.91%)
P.N.D.	2	2	4 (3.64%)

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S. B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	38	69.09	—	76	4	—	4
Non-booked	17	30.91	—	34	—	1	—
Total	55	100.00	—	110	4	1	4

AGE GROUP:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S. B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
20 & under	5	9.09	—	10	—	1	—
21 — 25	20	36.36	—	40	—	—	—
26 — 30	12	21.82	—	24	—	—	—
31 — 35	11	20.00	—	22	3	—	3
36 — 40	4	7.27	—	8	—	—	—
41 & over	3	5.46	—	6	1	—	1
Total	55	100.00	—	110	4	1	4

PARITY:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of babies</i>	<i>S. B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Para 0	14	25.45	—	28	—	1	—
Para 1	12	21.82	—	24	—	—	—
Para 2 & over	29	52.73	—	58	4	—	4
Total	55	100.00	—	110	4	1	4

MULTIPLE PREGNANCY (Continued)

BIRTH WEIGHT AND FOETAL LOSS:—

<i>Birth weight (grams)</i>		<i>Foetal loss</i>			<i>First Twin</i>			<i>Second Twin</i>		
		<i>No. of babies</i>	<i>Foetal loss</i>	<i>Per-centage</i>	<i>No. of babies</i>	<i>Foetal loss</i>	<i>Per-centage</i>	<i>No. of babies</i>	<i>Foetal loss</i>	<i>Per-centage</i>
Under 1,500	...	4	2	50.00	4	2	50.00			
1,501 — 2,000	...	8	—	—	9	1	11.11			
2,001 — 2,500	..	18	—	—	24	—	—			
2,501 — 3,000	...	20	—	—	12	—	—			
3,001 — 3,500	...	5	—	—	6	—	—			
3,501 — 4,000	...	—	—	—	—	—	—			
4,001 & over	...	—	—	—	—	—	—			
Total	...	55	2	3.64	55	3	5.45			

METHOD OF DELIVERY AND FOETAL LOSS:—

<i>Method of delivery</i>		<i>Foetal loss</i>			<i>First twin</i>			<i>Second twin</i>		
		<i>No. of babies</i>	<i>Foetal loss</i>	<i>Per-centage</i>	<i>No. of babies</i>	<i>Foetal loss</i>	<i>Per-centage</i>	<i>No. of babies</i>	<i>Foetal loss</i>	<i>Per-centage</i>
Spontaneous	...	30	1	3.03	24	—	—			
Vacuum extraction	...	1	—	—	2	—	—			
Low forceps	...	7	1	14.29	1	—	—			
Assisted breech	...	9	—	—	18	2	11.11			
Breech extraction	...	—	—	—	2	—	—			
C.S.	...	8	—	—	8	1	12.50			
Total	...	55	2	3.64	55	3	5.45			

PRESENTATION:—

Vertex — Vertex	...	24
Vertex — Breech	...	14
Breech — Vertex	...	7
Breech — Breech	...	6
Vertex — Transverse	...	2
Breech — Transverse	...	1
Vertex — Compound	...	1

MULTIPLE PREGNANCY (Continued)

PRESENTATION AND FOETAL LOSS:—

<i>Presentation</i>	<i>Foetal loss</i>					
	<i>First Twin</i>			<i>Second Twin</i>		
	<i>No. of babies</i>	<i>Foetal loss</i>	<i>Per-centage</i>	<i>No. of babies</i>	<i>Foetal loss</i>	<i>Per-centage</i>
Vertex	41	1	2.44	31	—	—
Breech	14	1	7.14	20	3	15.00
Tansverse lie	—	—	—	3	—	—
Compound	—	—	—	1	—	—
Total	55	2	3.64	55	3	5.45

INDICATIONS FOR C.S.:—

Contracted pelvis	1
Breech presentation	2
Toxaemia	2
Previous C.S.	1
Foetal distress and uterine dysfunction	2

MATERNAL COMPLICATIONS:—

Toxaemia	18
Anaemia	17
Contracted pelvis	4
Prolonged labour	5
Accidental haemorrhage	1
Postpartum haemorrhage	3

TABLE 37

PUERPERAL PYREXIA

Total No. of cases	383
Incidence	6.42%

CAUSES:— (More than 1 cause may be present in 1 case)

Genital in origin	29(7.44%)
Urinary in origin	157(40.26%)
Combined genital and urinary origin	14(3.59%)
Others	103(26.40%)
Unknown origin	87(22.31%)

PUERPERAL PYREXIA (GENITAL)

Total No. of cases	43
Booked	32
Non-booked	11
Primiparae	23
Multiparae	20
Incidence:— Overall	0.72%
Among puerperal pyrexia.	11.23%
Multiple pregnancies	1
Maternal deaths	—

METHOD OF DELIVERY:—

Spontaneous	11
Vacuum extraction	6
Assisted breech with forceps for A.C.H.	1
Assisted breech with B.M.T. for A.C.H.	2
L.S.C.S.	22
C.C.S.	2
Total No. of babies	44

DETAILS OF MATERNAL DEATHS

1. **Booked case.** Serial No. 1265/70 Age 21 years Gravida 1 Para 0.

The patient had been suffering from chronic rheumatic valvular disease since the age of 12 years and was under the care of the physicians. She first attended the antenatal clinic at 22 weeks maturity. The functional capacity then was Class II. She was followed-up closely and was admitted to hospital three times at 23 weeks, 30 weeks and 32 weeks respectively because of excessive weight gain, oedema and a mild hypertension. Each time she stayed in hospital for 4 to 6 days during which her condition improved. On the last occasion she insisted to go home. However, three days after discharge she experienced sudden praecordial discomfort and dyspnoea. On arrival at hospital four hours later, she was found dead.

Autopsy showed aortic insufficiency, left ventricular dilatation and hypertrophy and pulmonary oedema.

Diagnosis: Chronic rheumatic valvular disease.

Cause of death: Acute pulmonary oedema.

2. Non-booked case. Serial No. 4690/70. Age 38 years. Gravida 2. Para 1.

The patient was admitted from another hospital as an emergency because of painless antepartum haemorrhage of about 300 ml. at a maturity of 30 weeks. Her first delivery was by Caesarean section because of failed induction of labour.

Her condition on admission was good. The uterine size was consistent with a 32-week pregnancy. The foetal heart was heard. She was treated conservatively. Thirteen hours after admission she had profuse vaginal bleeding and went into profound peripheral circulatory failure. After resuscitation with blood transfusion, a lower segment Caesarean section was carried out and a fresh stillborn baby weighing 1,360 grams delivered. Placenta praevia type IV was verified. To control the bleeding, a subtotal hysterectomy and bilateral ligation of internal iliac artery were performed.

However, vaginal bleeding continued and haemoperitoneum developed after four hours. The abdomen was re-opened and the pelvis was packed to control the generalized oozing from the peritoneal surface.

Despite massive blood replacement and fibrinogen infusion, she never recovered from the coagulation defect and peripheral circulatory failure and died six hours after the second operation.

Autopsy was not performed.

Diagnosis: Placenta praevia type IV.

Cause of death: Massive haemorrhage and irreversible shock.

TABLE 38

SUMMARY OF FOETAL LOSS

	S. B.			N. N. D.			P. N. D.		
	No. of babies	Incidence per 1,000 L.B. & S.B.	No. of babies	Incidence per 1,000 L.B.	No. of babies	Incidence per 1,000 L.B. & S.B.	No. of babies	Incidence per 1,000 L.B. & S.B.	
Total No. of live births and stillbirths ... ..	...	...	...	...	...	...	...	...	6,018
Total No. of live births ... ..	...	...	...	...	...	...	...	...	5,960
CAUSES									
	S. B.			N. N. D.			P. N. D.		
	No. of babies	Incidence	No. of babies	Incidence	No. of babies	Incidence	No. of babies	Incidence	
1. Intrapartum asphyxia	4	6.89%	1	1.92%	5	2	3	4	4.72%
Breech presentation	—		1		1	1	—	—	
Cord accident	4		—		4	1	3	4	
2. Congenital malformations	9	15.52%	10	19.23%	19	14	5	6	17.92%
Multiple anomalies	3		3		6	6	—	1	5
Renal dysplasia	1		—		1	1	—	1	—
Hydrocephalus	2		—		2	1	1	1	—
Anencephaly	2		7		9	5	4	2	7
Congenital heart disease	1		—		1	1	—	1	—
3. Antepartum anoxia	17	29.31%	6	11.54%	23	13	10	7	21.70%
Toxaemia	5		1		6	3	3	3	3
Postmaturity	1		2		3	1	2	—	3
Accidental haemorrhage	7		3		10	6	4	4	6
Placenta praevia	3		—		3	2	1	—	3
Cord round neck	1		—		1	1	—	—	1

SUMMARY OF FOETAL LOSS (Continued)

CAUSES	S. B.		N. N. D.		P. N. D.					
	No. of babies	Incidence	No. of babies	Incidence	No. of babies	Booked	Non-booked	Primiparae	Multiparae	Incidence
4. Antepartum deaths with no lesion	21	36.21%	—	—	21	18	3	6	15	19.81%
5. Respiratory distress syndrome ...	—	—	22	42.30%	20	11	9	6	14	18.87%
6. Birth trauma ...	—	—	5	9.62%	5	3	2	3	2	4.72%
Breech presentation ...	—	—	1	—	1	—	1	—	1	—
Prematurity ...	—	—	3	—	3	2	1	2	1	—
Instrumental delivery ...	—	—	1	—	1	1	—	1	—	—
7. Neonatal infection ...	—	—	2	3.85%	—	—	—	—	—	—
Bronchopneumonia ...	—	—	1	—	—	—	—	—	—	—
Purulent meningitis and bronchopneumonia ...	—	—	1	—	—	—	—	—	—	—
8. Isoimmunization and other haemolytic disease ...	7	12.07%	2	3.85%	9	4	5	3	6	8.49%
Hydrops foetalis ...	7	—	1	—	8	4	4	3	5	—
Kernicterus due to prematurity ...	—	—	1	—	1	—	1	—	1	—
9. Miscellaneous ...	—	—	4	7.69%	4	3	1	3	1	3.77%
Haemorrhagic disease of newborn	—	—	3	—	3	3	—	2	1	—
Anaemia ...	—	—	1	—	1	—	1	1	—	—

SUMMARY OF FOETAL LOSS (Continued)

BIRTH WEIGHT:—

<i>Birth weight (grams)</i>	<i>Foetal loss</i>			
	<i>S.B.</i> <i>No. of cases</i>	<i>N.N.D.</i> <i>No. of cases</i>	<i>P.N.D.</i> <i>No. of cases</i>	
Under 1,000	—	—	—	
1,001 — 1,500	10	17	24	
1,501 — 2,000	14	6	20	
2,001 — 2,500	12	12	23	
2,501 — 3,000	12	12	24	
3,001 — 3,500	6	5	11	
3,501 — 4,000	4	—	4	
4,001 — 4,500	—	—	—	
Total	58	52	106	

METHOD OF DELIVERY:—

<i>Method of delivery</i>	<i>Foetal loss</i>			
	<i>S.B.</i> <i>No. of cases</i>	<i>N.N.D.</i> <i>No. of cases</i>	<i>P.N.D.</i> <i>No. of cases</i>	
Spontaneous	31	26	57	
Vacuum extraction	1	4	5	
Low forceps	4	4	7	
Assisted breech with forceps for A.C.H.	1	2	3	
Assisted breech with B.M.T. for A.C.H.	12	9	20	
Caesarean section	7	7	12	
Caesarean hysterectomy	1	—	1	
Hysterotomy	1	—	1	
Total	58	52	106	

TABLE 39

PREMATURE LIVE-BORN INFANTS

Total No. of cases	456
Booked	349
Non-booked	107
Primiparae	235
Multiparae	221
Multiple pregnancies	16 (one twin) 21 (both twins)
Incidence (per 1,000 L.B.)	76.51
N.N.D.	34

CAUSES OF DEATH:—

	<i>No. of cases</i>
Congenital malformation	5
Toxaemia	1
Accidental haemorrhage	1
Respiratory distress syndrome	19
Birth trauma	4
Bronchopneumonia	2
Hydrops foetalis	1
Kernicterus due to prematurity	1

MATURITY (Weeks):—

	<i>No. of cases</i>	<i>N.N.D.</i> <i>No. of cases</i>	<i>Loss per 1,000</i>
Under 32 wks.	32	16	500.00
32 — 33 wks.	27	4	148.15
34 — 35 wks.	45	4	88.89
36 — 37 wks.	112	2	17.86
38 — 39 wks.	109	4	36.70
40 — 41 wks.	72	1	13.89
42 wks. & over	10	—	—
Unknown	49	3	61.22

BIRTH WEIGHT (Grams):—

	<i>No. of cases</i>	<i>N.N.D.</i> <i>No. of cases</i>	<i>Loss per 1,000</i>
Under 1,000	—	—	—
1,001 — 1,500	30	17	566.67
1,501 — 2,000	72	7	97.22
2,001 — 2,500	354	10	28.25

TABLE 40

CONGENITAL MALFORMATIONS

Total No. of cases	129
Booked	91
Non-booked	38
Incidence	21.44 per 1,000 L.B.& S.B.
Foetal mortality:—	
S.B.	14(10.85%)
N.N.D.	13(11.30%)
P.N.D.	26(20.16%)
Among live births	1.93%
Among stillbirths	23.73%
Among premature live births	8.33%
Among neonatal deaths	25.49%

TYPE OF MALFORMATION:—

	<i>No. of cases</i>
Multiple anomalies	10
Anomalies of central nervous system	13
Anomalies of cardio-vascular system	17
Anomalies of genito-urinary tract	20
Anomalies of gastro-intestinal tract	6
Anomalies of limbs	20
Anomalies of lips and palate	10
Anomalies of skin	16
Others	27

TABLE 43

NEO-NATAL JAUNDICE

Total No. of cases	563
Incidence (per 1,000 L.B.)	94.47
No. of cases with known cause	172

<i>Cause</i>	<i>No of cases</i>	<i>Exchange transfusion</i>	<i>N.N.D.</i>
A.B.O. incompatibility	133	26	1
Glucose-6-phosphate dehydrogenase deficiency	38	6	—
Rh incompatibility	1	—	—
Unknown	391	30	1
Total	563	62	2

TABLE 44
X-RAY DEPARTMENT STATISTICS

<i>Month</i>	<i>Chest</i>	<i>Bones</i>	<i>Abdomen</i>	<i>Pelvimetry</i>	<i>Direct Placento- graphy</i>	<i>Hysterosal- pingography</i>	<i>Intravenous Urography</i>
Jan	417	6	46	110	17	8	—
Feb.	369	6	30	102	5	4	—
Mar.	466	13	41	127	11	5	—
Apr.	512	7	36	102	8	7	—
May	512	7	29	106	4	2	—
June	610	4	39	88	7	1	—
July	623	9	75	127	12	0	—
Aug	458	9	49	125	7	—	—
Sept.	428	19	72	133	15	—	—
Oct.	514	11	70	148	13	—	—
Nov.	430	10	77	99	13	—	1
Dec.	380	6	84	115	16	—	—
Total	5719	107	648	1382	128	27	1

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Clinical report for
the year 1970

