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CLINICAL REPORT
OF THE
TSAN YUK HOSPITAL
FOR THE YEAR
1972



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

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R. Yiu, M.B.,B.S.(H.K.); F.R.C.S. (Eng.).

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, 1963-1972

	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
Adult patients admitted	7,624	6,761	5,654	5,361	5,469	6,047	5,919	6,073	5,891	6,539
Patients delivered in hospital	6,455	5,626	5,505	5,183	5,296	5,787	5,700	5,851	5,519	6,177
Primiparae	2,685	2,909	2,287	1,869	2,314	2,378	2,478	2,478	2,255	2,902
Multiparae	3,770	3,317	3,218	3,314	2,982	3,409	3,222	3,373	3,264	3,275
Patients admitted after delivery	60	52	59	60	52	113	97	118	113	76
Primiparae	8	4	7	—	4	10	5	13	8	11
Multiparae	52	48	52	60	48	103	92	105	105	65
Total patients delivered	6,515	5,678	5,564	5,240	5,347	5,900	5,797	5,969	5,632	6,253
Abortion	20	40	37	45	33	38	44	42	35	38
Patients transferred	36	32	17	35	23	23	22	24	5	13
Patients discharged undelivered	59	70	52	76	89	109	78	62	224	248
Pre-eclampsia	101	110	83	91	66	132	89	57	60	120
Eclampsia	7	4	4	5	3	7	9	8	2	2
Accidental antepartum haemorrhage	69	46	56	50	43	50	37	51	42	31
Placenta praevia	73	70	55	27	42	49	49	49	39	57
Postpartum haemorrhage	48	43	91	85	78	126	87	103	103	84
Contracted pelvis	585	440	464	443	354	333	350	391	260	241
Vacuum extraction	579	555	622	552	530	580	641	680	678	685
Vacuum extraction rate per cent	8.96	9.78	11.05	10.43	9.83	9.83	11.05	11.39	12.04	10.95
Forceps delivery	327	239	199	205	114	115	217	170	212	233
Forceps delivery rate per cent	5.04	4.21	3.54	4.04	2.06	1.95	3.74	2.85	3.76	3.73
Caesarean section	513	556	615	561	534	609	637	723	620	693
Caesarean section rate per cent	7.87	9.79	11.11	10.71	9.94	10.32	10.99	12.11	11.01	11.08
Maternal deaths	2	6	6	7	2	—	—	2	—	3
Maternal death rate (per 1,000 cases admitted)	0.31	1.06	0.90	1.31	0.37	—	—	0.33	—	0.46
(per 1,000 cases delivered)	—	—	1.06	1.34	0.37	—	—	0.17	—	0.48
Infants born in hospital	6,526	5,701	5,567	5,241	5,348	5,854	5,747	5,906	5,563	6,227
Infants born before admission	63	52	60	60	52	113	103	118	116	78
Total infants born	6,589	5,753	5,627	5,301	5,400	5,967	5,850	6,024	5,679	6,305
Infants transferred	15	15	6	16	17	21	22	—	—	6
Stillbirths (including macerated foetuses)	95	75	46	56	52	61	59	58	43	60
Stillbirth rate (per 1,000 live and stillbirths)	14.42	13.04	8.17	10.56	9.63	10.22	10.11	9.64	7.58	9.53
Neo-natal deaths	71	58	56	58	59	82	56	52	59	68
Neo-natal death rate (per 1,000 live births)	10.93	10.22	10.03	11.06	11.03	13.88	9.69	8.72	10.48	10.91
Perinatal deaths	163	132	100	109	108	132	109	106	95	126
Perinatal death rate (per 1,000 live & stillbirths)	24.74	22.95	17.77	20.56	20.00	22.12	18.68	17.62	16.74	20.02
Corrected perinatal mortality (excluding non-booked cases with I.U.D. on admission)	—	—	—	—	—	—	96	98	88	123
Corrected perinatal mortality rate (per 1,000 live and stillbirths)	—	—	—	—	—	—	16.49	16.28	15.51	19.54

STATISTICAL SUMMARY

Adult patients admitted	6,539
Patients delivered in hospital	6,177
Booked	5,642
Primiparae (Twins: 14 sets)	2,712
Multiparae (Twins: 20 sets; Triplets: 1 set)	2,930
Non-booked	535
Primiparae (Twins: 1 set)	190
Multiparae (Twins: 13 sets)	345
Patients admitted after delivery	76
Booked	24
Primiparae	1
Multiparae	23
Non-booked	52
Primiparae	10
Multiparae (Twins: 2 sets)	42
Total No. of patients delivered	6,253
Booked	5,666
Primiparae (Twins: 14 sets)... ..	2,713
Multiparae (Twins: 20 sets; Triplets: 1 set)	2,953
Non-booked	587
Primiparae (Twins: 1 set)... ..	200
Multiparae (Twins: 15 sets)... ..	387
Patients who aborted	38
Patients discharged undelivered	248
Maternal deaths	3
Maternal death rate (per 1,000 cases admitted)	0.46
(per 1,000 cases delivered)	0.48
Total No. of multiple pregnancies	51 *
Total No. of infants born	6,305
Total No. of infants born in hospital	6,227
Total No. of infants born before admission	78 †
Total No. of live born infants	6,234 §
Booked	5,662
Non-booked	572
Stillbirths	
Total	60
Booked	38
Non-booked	22

* There were 50 sets of twins and 1 set of triplets.

† Including 11 B.B.A. babies not admitted.

§ Excluding 11 B.B.A. babies not admitted.

STATISTICAL SUMMARY (Continued)

Stillbirth rate (per 1,000 live and stillbirths)	
Total	9.53
Booked	6.67
Non-booked	37.04
Neonatal deaths	
Total... ..	68
Booked	46
Non-booked	22
Neonatal death rate (per 1,000 live births)	
Total	10.91
Booked	8.12
Non-booked	38.46
Perinatal deaths	
Total	126
Booked	83
Non-booked	43
Perinatal death rate (per 1,000 live and stillbirths)	
Total	20.02
Booked	14.56
Non-booked	72.39
* Corrected perinatal mortality (excluding non-booked cases with I.U.D. on admission)	
Total	123
Booked	83
Non-booked	40
* Corrected perinatal mortality rate (per 1,000 live and stillbirths)	
Total	19.54
Booked	14.56
Non-booked	67.34
Antenatal Clinic:—	
Total visits	37,319
New patients	5,705
Re-attendances	31,614
Postnatal Clinic:—	
Total visits	3,947
New patients	3,694
Re-attendances	253

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

TABLE 1

ASSOCIATED DISEASES

ANAEMIA

Total No. of cases	1,160
Booked	1,060
Non-booked	100
Primiparae	499
Multiparae	661
Incidence	18.55%

Type of anaemia :—

1. Iron deficiency	408
2. Thalassaemia major	3
3. Thalassaemia minor	25
4. Other haemoglobinopathy	2
5. Other haemolytic anaemia	2
6. Others	94
7. Unknown	631

URINARY TRACT INFECTIONS (Antenatal)

Total No. of cases	77
Incidence	1.23%

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	18.18	14	—	1	1
21 — 25	39	50.65	39	2	—	2
26 — 30	11	14.29	11	—	—	—
31 — 35	6	7.79	6	—	—	—
36 — 40	5	6.49	5	—	—	—
41 & over	2	2.60	2	—	—	—
Total	77	100.00	77	2	1	3

PARITY :—

Para 0	45	58.44	45	2	1	3
Para 1	11	14.29	11	—	—	—
Para 2 & over	21	27.27	21	—	—	—
Total	77	100.00	77	2	1	3

TABLE 1 (Continued)
DIABETES MELLITUS

Total No. of cases	...	...	...	...	...	...	...	...	...	...	8
Booked	...	...	...	...	...	...	...	...	...	...	8
Non-booked	...	...	...	...	...	...	...	...	...	...	—
Primiparae	...	...	...	...	...	...	...	...	...	...	2
Multiparae	...	...	...	...	...	...	...	...	...	...	6
Incidence	...	...	...	...	...	...	...	...	...	...	0.13%
Maternal deaths	...	...	...	...	...	...	...	...	...	...	—
S. B.	...	...	...	...	...	...	...	...	...	...	—
N. N. D.	...	...	...	...	...	...	...	...	...	...	1 (12.50%)
P. N. D.	...	...	...	...	...	...	...	...	...	...	1 (12.50%)

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	1	12.50	—	1	—	—	—
26 — 30	5	62.50	—	5	—	—	—
31 — 35	1	12.50	—	1	—	1	1
36 — 40	—	—	—	—	—	—	—
41 & over	1	12.50	—	1	—	—	—
Total	8	100.00	—	8	—	1	1

PARITY:—

Para 0	2	25.00	—	2	—	—	—
Para 1	2	25.00	—	2	—	1	1
Para 2 & over	4	50.00	—	4	—	—	—
Total	8	100.00	—	8	—	1	1

METHOD OF DELIVERY:—

Spontaneous	1	12.50	—	1	—	—	—
Vacuum Extraction	3	37.50	—	3	—	—	—
Low forceps	...	...	...	...	...	...	...
L. S. C. S.	4	50.00	—	4	—	1	1
Total	8	100.00	—	8	—	1	1

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>N.N.D.</i>	<i>P.N.D.</i>
20 & under	4	6.15	—	4	1	—	1
21 — 25	24	36.92	—	24	—	—	—
26 — 30	22	33.85	—	22	—	—	—
31 — 35	8	12.31	—	8	—	—	—
36 — 40	5	7.69	—	5	—	—	—
41 & over	2	3.08	—	2	—	—	—
Total	65	100.00	—	65	1	—	1

PARITY:—

Para 0	26	40.00	—	26	1	—	1
Para 1	15	23.08	—	15	—	—	—
Para 2 & over	24	36.92	—	24	—	—	—
Total	65	100.00	—	65	1	—	1

METHOD OF DELIVERY:—

Spontaneous... ..	21	32.31	—	21	—	—	—
Vacuum extraction ...	27	41.54	—	27	—	—	—
Forceps	5	7.69	—	5	1	—	1
Assisted breech	1	1.54	—	1	—	—	—
L. S. C. S.	11	16.92	—	11	—	—	—
Total	65	100.00	—	65	1	—	1

FUNCTIONAL GRADING:—

	<i>No. of cases</i>
Class I	32
Class II	27
Class III	3
Class IV	3
Deterioration during pregnancy	4
Post-valvotomy	1

TABLE 4

TOXAEMIA OF PREGNANCY

Total No. of cases	758
Incidence	12.12%
Total No. of babies	769*
Multiple pregnancies	13
Maternal deaths	1 (0.13%)
S.B.	14 (1.82%)
N.N.D.	12 (1.59%)
P.N.D.	26 (3.38%)

BOOKED AND NON-BOOKED:—

	<i>No. of babies</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	669	88.26	—	671	12	8	20
Non-booked	89	11.74	1	98	2	4	6
Total	758	100.00	1	769	14	12	26

Type of Toxaemia:—

	<i>No. of cases</i>	<i>Percentage among toxaemia</i>
Pre-eclampsia	120	15.83
Eclampsia	2	0.26
Unclassified toxaemia 'A'	544	71.77
Unclassified toxaemia 'B'	53	7.00
Recurrent toxaemia	33	4.35
Essential hypertension	6	0.79
Chronic nephritis	0	—

Definition:—

Pre-eclampsia— B.P. over 135/85 mm.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.

* There were 2 B.B.A. babies not admitted.

TABLE 5

PRE-ECLAMPSIA

Total No. of cases	120
Mild	111
Severe	9

Incidence:—Overall	1.92%
Among toxæmia	15.83%

Total No. of babies	122
Multiple pregnancies	2
Maternal deaths	—
S.B.	3 (2.46%)
N.N.D.	2 (1.68%)
P.N.D.	5 (4.10%)

BOOKED AND NON-BOOKED.—

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	117	97.50	—	119	3	1	4
Non-booked	3	2.50	—	3	—	1	1
Total	120	100.00	—	122	3	2	5

AGE GROUP:—

20 & under	13	10.83	—	13	—	1	1
21 — 25	62	51.67	—	62	2	1	3
26 — 30	20	16.67	—	22	—	—	—
31 — 35	15	12.50	—	15	—	—	—
36 — 40	7	5.83	—	7	—	—	—
41 & over	3	2.50	—	3	1	—	1
Total	120	100.00	—	122	3	2	5

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	98	81.66	—	100	3	1	4
Para 1	8	6.67	—	8	—	1	1
Para 2 & over... ..	14	11.67	—	14	—	—	—
Total	120	100.00	—	122	3	2	5

METHOD OF DELIVERY:—

Spontaneous	63	52.50	—	65	2	2	4
Vacuum extraction ...	29	24.17	—	29	—	—	—
Forceps	2	1.67	—	2	—	—	—
Breech	1	0.83	—	1	1	—	1
Caesarean section ...	25	20.83	—	25	—	—	—
Total	120	100.00	—	122	3	2	5

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	S. B.	N.N.D.	P. N.D.	No. of babies	S. B.	N.N.D.	P. N.D.	
PRIMIPARAE									
(A) Spontaneous labour	53	1	—	1	3	1	—	1	—
(1) Spont. vertex delivery	23	—	—	—	1	1	—	—	—
(2) Spont. breech delivery	1	—	—	—	2	—	—	—	—
(3) Vacuum extraction	16	—	—	—	—	—	—	—	—
(4) Forceps	1	—	—	1	—	—	—	—	—
(5) Assisted breech delivery	1	1	—	—	—	—	—	—	—
(6) C.S.	11	—	—	—	—	—	—	—	—
(B) Induced labour	48	1	—	1	4	—	—	1	—
(1) Spont. vertex delivery	22	1	—	1	3	—	—	1	—
(2) Vacuum extraction	12	—	—	—	—	—	—	—	—
(3) Forceps	1	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	—	—	—	—	—	—	—	—	—
(5) C.S.	13	—	—	—	1	—	—	—	—
Total	101	2	—	2	7	1	—	1	2
MULTIPARAE									
(A) Spontaneous labour	14	—	1	1	2	—	—	—	—
(1) Spont. vertex delivery	12	—	1	1	2	—	—	—	—
(2) Vacuum extraction	1	—	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	—	—	—	—	—	—	—	—	—
(5) C.S.	1	—	—	—	—	—	—	—	—
(B) Induced labour	7	—	—	—	—	—	—	—	—
(1) Spont. vertex delivery	7	—	—	—	—	—	—	—	—
(2) Vacuum extraction	—	—	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	—	—	—	—	—	—	—	—	—
(5) C.S.	—	—	—	—	—	—	—	—	—
Total	21	—	1	1	2	—	—	—	—
GRAND TOTAL	122	2	1	3	9	1	—	1	2

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	67	2	1	3
	Under 1,500	2	1	1	2
	1,501 — 2,000	1	—	—	—
	2,001 — 2,500	10	1	—	1
	2,501 — 3,000	25	—	—	—
	3,001 — 3,500	21	—	—	—
	3,501 — 4,000	6	—	—	—
	4,001 & over	2	—	—	—
(B)	Induced labour	55	1	1	2
	Under 1,500	1	—	—	—
	1,501 — 2,000	2	1	—	1
	2,001 — 2,500	6	—	1	1
	2,501 — 3,000	21	—	—	—
	3,001 — 3,500	15	—	—	—
	3,501 — 4,000	9	—	—	—
	4,001 & over	1	—	—	—
	Total	122	3	2	5

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

	<i>No. of cases</i>
Contracted pelvis	6
C-P disproportion	1
Toxaemia	23
Foetal distress	8
Maternal distress	1
Previous L.S.C.S.	2
Uterine dysfunction	9
Elderly primigravidae	4
Malpresentations: Breech	5
P.O.P.	7
Unfavourable pelvis	2
Failed induction of labour	5
Failed trial of labour	2
Failed trial of vacuum extraction	1

TABLE 7

UNCLASSIFIED TOXAEMIA 'A'

Total No. of cases	544
Incidence.—Overall	8.70%
Among toxæmia	71.77%
Total No. of babies	553*
Multiple pregnancies	11
Maternal deaths	—
S.B.	10(1.81%)
N.N.D.	7(1.29%)
P.N.D.	17(3.07%)

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	473	86.95	—	475	8	4	12
Non-booked	71	13.05	—	78	2	3	5
Total	544	100.00	—	553	10	7	17

AGE GROUP:—

20 & under	73	13.42	—	73	2	3	5
21 — 25	188	34.56	—	191	1	1	2
26 — 30	119	21.87	—	122	4	3	7
31 — 35	67	12.32	—	68	—	—	—
36 — 40	68	12.50	—	70	2	—	2
41 & over	29	5.33	—	29	1	—	1
Total	544	100.00	—	553	10	7	17

PARITY:—

Para 0	295	54.23	—	298	7	5	12
Para 1	67	12.32	—	68	—	—	—
Para 2 & over	182	33.45	—	187	3	2	5
Total	544	100.00	—	553	10	7	17

* There were 2 B.B.A. babies not admitted.

UNCLASSIFIED TOXAEMIA 'A' (Continued)

METHOD OF DELIVERY AND FOETAL LOSS:-

Method of delivery	Booked				Non-booked			
	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 ...	137	3	3	6	16	—	1	1
(1) Spont vertex delivery	67	2	1	3	6	—	—	—
(2) Vacuum extraction...	33	—	—	—	7	—	1	1
(3) Forceps	6	—	1	1	1	—	—	—
(4) Breech delivery ...	3	—	—	—	1	—	—	—
(5) C.S.	28	1	1	2	1	—	—	—
(B) Induced labour	134	4	1	5	11	—	—	—
(1) Spont. vertex delivery	65	2	—	2	4	—	—	—
(2) Vacuum extraction...	32	1	1	2	1	—	—	—
(3) Forceps	2	—	—	—	1	—	—	—
(4) Breech delivery ...	2	1	—	1	1	—	—	—
(5) C.S.	33	—	—	—	4	—	—	—
Total... ..	271	7	4	11	27	—	1	1
MULTIPARAE								
(A) Spontaneous labour ...	117	1	—	1	20	—	2	2
(1) Spont vertex delivery	76	—	—	—	13	—	1	1
(2) Vacuum extraction...	6	—	—	—	2	—	—	—
(3) Forceps	3	—	—	—	1	—	—	—
(4) Breech delivery...	5	—	—	—	1	—	1	1
(5) C.S.	27	1	—	1	3	—	—	—
(B) Induced labour... ..	87	1	—	1	31	1	—	1
(1) Spont. vertex delivery	67	—	—	—	23	1	—	1
(2) Vacuum extraction...	4	1	—	1	—	—	—	—
(3) Forceps	—	—	—	—	1	—	—	—
(4) Breech delivery ...	4	—	—	—	2	—	—	—
(5) C.S.	12	—	—	—	5	—	—	—
Total	204	2	—	2	51	1	2	3
GRAND TOTAL	475	9	4	13	78	1	3	4

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... ..	290	3	6	9
Under 1,500	4	—	3	3
1,501—2,000	11	1	2	3
2,001—2,500	39	—	—	—
2,501—3,000	118	—	—	—
3,001—3,500	86	1	—	1
3,501—4,000	25	—	1	1
4,001 & over	7	1	—	1
(B) Induced labour	263	7	1	8
Under 1,500	2	2	—	2
1,501—2,000	7	3	—	3
2,001—2,500	41	1	—	1
2,501—3,000	112	1	1	2
3,001—3,500	80	—	—	—
3,501—4,000	16	—	—	—
4,001 & over	5	—	—	—
Total	553	10	7	17

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

	<i>No. of cases</i>
Contracted pelvis	22
C-P disproportion	3
Unfavourable pelvis	10
Toxaemia	88
Foetal distress	28
Maternal distress	3
Previous C.S.	24
Placenta praevia	5
Accidental haemorrhage	2
Uterine inertia	12
Failed induction	20
Failed trial of labour	11
Prolapse of cord	3
Elderly primigravidae	11
Malpresentations: Breech	30
Compound	1
Transverse lie	1
Face	1
A.P.H. of unknown origin	2
Prolonged 1st stags	2
Failed trial of V.E.	3
Tumour associated with pregnancy	1
Other medical disease	1
Other indications	24

TABLE 8

UNCLASSIFIED TOXAEMIA 'B'

Total No. of cases	...	...	...	...	...	...	...	...	...	53
Incidence:—Overall	...	...	...	...	...	...	...	...	...	0.85%
Among toxaemia	...	...	...	...	...	...	...	...	...	7.00%
Total No. of babies	...	...	...	...	...	...	...	...	...	53
Multiple pregnancies	...	...	...	...	...	...	...	...	...	—
Maternal deaths	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	1 (1.82%)
N.N.D.	...	...	...	...	...	...	...	...	...	— ( — %)
P.N.D.	...	...	...	...	...	...	...	...	...	1 (1.82%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	41	81.13	—	41	1	—	1
Non-booked	12	18.87	—	12	—	—	—
Total	53	100.00	—	53	1	—	1

AGE GROUP:—

20 & under	4	7.55	—	4	—	—	—
21 — 25	15	28.30	—	15	1	—	1
26 — 30	9	16.98	—	9	—	—	—
31 — 35	13	24.53	—	13	—	—	—
36 — 40	8	15.09	—	8	—	—	—
41 & over	4	7.55	—	4	—	—	—
Total	53	100.00	—	53	1	—	1

PARITY:—

Para 0	25	47.17	—	25	1	—	1
Para 1	3	5.66	—	3	—	—	—
Para 2 & over	25	47.17	—	25	—	—	—
Total	53	100.00	—	53	1	—	1

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 ...	13	1	—	1	3	—	—	—
(1) Spont. vertex delivery	5	1	—	1	2	—	—	—
(2) Vacuum extraction...	3	—	—	—	1	—	—	—
(3) Forceps	1	—	—	—	—	—	—	—
(4) C.S.	4	—	—	—	—	—	—	—
(B) Induced labour	8	—	—	—	1	—	—	—
(1) Spont. vertex delivery	5	—	—	—	—	—	—	—
(2) Vacuum extraction ...	1	—	—	—	1	—	—	—
(3) C.S.	2	—	—	—	—	—	—	—
Total	21	1	—	1	4	—	—	—
MULTIPARAE								
(A) Spontaneous labour ...	16	—	—	—	6	—	—	—
(1) Spont. vertex delivery	12	—	—	—	5	—	—	—
(2) Forceps	2	—	—	—	—	—	—	—
(3) Breech delivery ...	—	—	—	—	1	—	—	—
(4) C.S.	2	—	—	—	—	—	—	—
(B) Induced labour	4	—	—	—	2	—	—	—
(1) Spont. vertex delivery	3	—	—	—	1	—	—	—
(2) C.S.	1	—	—	—	1	—	—	—
Total	20	—	—	—	8	—	—	—
GRAND TOTAL	41	1	—	1	12	—	—	—

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	38	1	—	1
	Under 1,500	—	—	—	—
	1,501—2,000	5	—	—	—
	2,001—2,500	8	1	—	1
	2,501—3,000	10	—	—	—
	3,001—3,500	12	—	—	—
	3,501—4,000	3	—	—	—
	4,001 & over	—	—	—	—
(B)	Induced labour	15	—	—	—
	Under 1,500	—	—	—	—
	1,501—2,000	1	—	—	—
	2,001—2,500	4	—	—	—
	2,501—3,000	8	—	—	—
	3,001—3,500	2	—	—	—
	3,501—4,000	—	—	—	—
	4,001 & over	—	—	—	—
	Total	53	1	—	1

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

	<i>No. of cases</i>
Toxaemia	11
Foetal distress	2
Maternal distress... ..	1
Uterine inertia	1
Contracted pelvis... ..	1
Unfavourable pelvis	3
Previous C.S.	1
Breech presentation	3
Prolonged 1st stage	1
Failed induction of labour	2

TABLE 9
RECURRENT TOXAEMIA

Total No. of cases	33
Booked	30
Non-booked	3
Incidence.—Overall	0.53%
Among toxæmia	4.35%
Total No. of babies	33
Multiple pregnancies	—
Maternal deaths	—
S.B.	—
N.N.D.	2 (6.06 %)
P.N.D.	2 (6.06 %)

TABLE 10
ESSENTIAL HYPERTENSION

Total No. of cases	6
Booked	6
Non-booked	—
Primiparae	2
Multiparae	4
Incidence:—Overall... ..	0.10%
Among toxæmia	0.79%
Total No. of babies	6
Multiple pregnancies	—
Maternal deaths	—
S.B.	—
N.N.D.	1 (16.67 %)
P.N.D.	1 (16.67 %)

TABLE 11
CHRONIC NEPHRITIS

N I L

TABLE 12

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

Total No. of cases	...	...	...	...	...	...	...	...	...	...	384
Incidence	...	...	...	...	...	...	...	...	...	...	6.14%
Total No. of babies	...	...	...	...	...	...	...	...	...	...	385
Multiple pregnancies	...	...	...	...	...	...	...	...	...	...	6*
Maternal deaths	...	...	...	...	...	...	...	...	...	...	1 (0.26%)
S.B.	...	...	...	...	...	...	...	...	...	...	1 (0.26%)
N.N.D.	...	...	...	...	...	...	...	...	...	...	3 (0.78%)
P.N.D.	...	...	...	...	...	...	...	...	...	...	4 (1.04%)

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	355	92.45	—	355	—	2	2
Non-booked	29	7.55	1	30	1	1	2
Total	384	100.00	1	385	1	3	4

SUMMARY OF LABOUR:—

	<i>No. of cases</i>
Labour lasting more than 24 hours	1

METHOD OF DELIVERY:—

Spontaneous delivery (face to pubis)	30
Vacuum extraction	119
Forceps	15
Manual rotation and mid-forceps	1
Caesarean section	220
Total	385

* In the 6 sets of twin pregnancies, there was only 1 set of twins in which the presentations of both twins were P.O.T. or P.O.P.

TABLE 13

BREECH DELIVERIES

Total No. of cases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	282
Booked	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	222
Non-booked	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	60
Primiparae	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	126
Multiparae	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	156
Single pregnancies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	254
Multiple pregnancies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28*
Maternal deaths	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1 (0.35%)
Total No. of babies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	285
Incidence	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.51%
Caesarean section	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	117
Caesarean section rate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41.49%

* Among the 27 sets of twins and 1 set of triplets, there were only 31 babies in breech presentations.

UNCOMPLICATED BREECH DELIVERIES

Total No. of cases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	146
Maternal deaths	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2 (1.37%)
N.N.D.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3 (2.08%)
P.N.D.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 (3.42%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	112	76.71	—	112	—	3	3
Non-booked	34	23.29	—	34	2	—	2
Total	146	100.00	—	146	2	3	5

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.	P.N.D.
Assisted with forceps for A.C.H.	58	2	1	3	4	—	—	—
Assisted with B.M.T. for A.C.H.	41	—	2	2	6	—	—	—
C.S.	30	—	—	—	7	—	—	—
Total	129	2	3	5	17	—	—	—

Caesarean section rate ... 25.34%

BREECH DELIVERIES (Continued)

COMPLICATED BREECH DELIVERIES

Total No. of cases	...	...	...	...	...	...	...	...	...	136
Multiple pregnancies	...	...	...	...	...	...	...	...	...	24*
Total No. of babies	...	...	...	...	...	...	...	...	...	139
Maternal deaths	...	...	...	...	...	...	...	...	...	1 (0.74%)
S.B.	...	...	...	...	...	...	...	...	...	10 (7.19%)
N.N.D.	...	...	...	...	...	...	...	...	...	8 (6.20%)
P.N.D.	...	...	...	...	...	...	...	...	...	18 (12.95%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	110	80.88	1	113	10	4	14
Non-booked	26	19.12	—	26	—	4	4
Total	136	100.00	1	139	10	8	18

METHOD OF DELIVERY AND FOETAL RESULT:—

	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	8	4	2	6
Assisted breech with forceps for A.C.H.	28	—	3	3
Assisted breech with B.M.T. for A.C.H.	22	4	1	5
Breech extraction	1	—	—	—
C.S.	80	2	2	4
Total	139	10	8	18

Caesarean section rate 57.55%

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

	No. of cases
Prematurity	60
Contracted pelvis	24
Prolonged leaking	1
Toxaemia	44
Prolapse of cord	3
Multiple abnormalities of baby	2
Multiple pregnancy	24
Placenta praevia	8
Uterine dysfunction	1
A.P.H. of unknown origin	3
Accidental haemorrhage	3
Total	173

* In the 23 sets of twins and 1 set of triplets, there weres only 27 babies in breech presentations.

TABLE 14

TRANSVERSE AND OBLIQUE LIE
(in labour)

Total No. of cases	13
Booked	12
Nonbooked	1
Incidence	0.21%
Total No. of babies	14
Multiple pregnancies	3*
S.B.	2 (14.29%)
N.N.D.	2 (16.67%)
P.N.D.	4 (28.57%)

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 expulsion	2	2	—	2
Vacuum extraction (after external version in labour)	1	—	—	—
Assisted breech delivery (after external version in labour)	1	—	—	—
Internal version and breech extraction ...	1	—	—	—
L.S.C.S.	6	—	2	2
C.C.S.	3	—	—	—
Total	14	2	2	4

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	—	1	1
Prematurity	7	2	—	2
Placenta praevia	4	—	1	1
A.P.H. of unknown origin	1	—	—	—
Toxaemia	1	—	—	—

* Only 4 babies out of the 3 sets of twins were in transverse or oblique lie.

TABLE 15

FACE AND BROW PRESENTATION

Total No. of cases	...	...	...	...	...	...	...	...	...	...	11
Booked	...	...	...	...	...	...	...	...	...	...	7
Nonbooked	...	...	...	...	...	...	...	...	...	...	4
Incidence	...	...	...	...	...	...	...	...	...	...	0.18%
Total No. of babies	...	...	...	...	...	...	...	...	...	...	11
Foetal loss	...	...	...	...	...	...	...	...	...	...	—

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	4	—	—	—
C.S.	7	—	—	—
Total	11	—	—	—

TABLE 16

COMPOUND PRESENTATION

Total No. of cases	...	...	...	...	...	...	...	...	...	...	2
Booked	...	...	...	...	...	...	...	...	...	...	2
Nonbooked	...	...	...	...	...	...	...	...	...	...	—
Incidence	...	...	...	...	...	...	...	...	...	...	0.03%
Foetal loss	...	...	...	...	...	...	...	...	...	...	—

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	1	—	—	—
L.S.C.S.	1	—	—	—
Total	2	—	—	—

ASSOCIATED CONDITIONS:—

	<i>No. of cases</i>
Contracted pelvis	1
Prematurity	1

TABLE 17

PROLAPSE AND PRESENTATION OF CORD

Total No. of cases	14
Incidence	0.22%
Total No. of babies	14
Multiple pregnancies	1*
Maternal deaths	—
S.B.... ..	—
N.N.D.	1 (6.25%)
P.N.D.	1 (6.25%)

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	9	64.29	—	9	—	—	—
Non-booked	5	35.71	—	5	—	1	1
Total	14	100.00	—	14	—	1	1

PRESENTATION AND FOETAL LOSS:—

<i>Presentation</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Vertex	9	—	—	—
Breech	4	—	1	1
Compound	1	—	—	—
Total	14	—	1	1

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	1	—	—	—
Vacuum extraction	1	—	—	—
Low forceps... ..	1	—	—	—
Assisted breech	1	—	—	—
L.S.C.S.	9	—	—	—
C.C.S.	1	—	1	1
Total	14	—	1	1

* Only 1 baby had prolapse of cord.

TABLE 18
HYDRAMNIOS

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

TABLE 19
PROLONGED LABOUR

	Labour lasting	{ Primipara-24 hours or more Multipara-18 hours or more	
Total No. of cases			6
Booked			3
Nonbooked			3
Primiparae			5
Multiparae			1
Incidence			0.10%
Total No. of babies			6
Maternal deaths			—
Foetal loss			—

AGE GROUP AND FOETAL LOSS:—

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

METHOD OF DELIVERY AND FOETAL LOSS:—

Method of delivery	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	3	—	—	—
Vacuum extraction	3	—	—	—
Total	6	—	—	—

DURATION OF LABOUR AND OUTCOME:—

Duration of labour (hours)	No. of cases	S.B.	N.N.D.	P.N.D.
> 18	1	—	—	—
> 24	5	—	—	—
Total	6	—	—	—

TABLE 20

LABOUR FOLLOWING PREVIOUS CAESAREAN SECTION

Total No. of cases	109
Total No. of babies	109
Multiple pregnancies	—
Maternal deaths	—
S.B.	2 (1.83%)
N.N.D.	1 (0.93%)
P.N.D.	3 (2.75%)

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	107	98.17	—	107	2	1	3
Non-booked	2	1.83	—	2	—	—	—
Total	109	100.00	—	109	2	1	3

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	45	1	1	2
Vacuum extraction	32	—	—	—
Forceps	4	—	—	—
Assisted breech	2	1	—	1
C. S.	26	—	—	—
Total	109	2	1	3

TABLE 21

INDUCTION OF LABOUR

Total No. of cases	...	...	...	...	...	...	...	...	...	699
Incidence	...	...	...	...	...	...	...	...	...	11.18%
Total No. of babies	...	...	...	...	...	...	...	...	...	717
Multiple pregnancies	...	...	...	...	...	...	...	...	...	18
Maternal deaths	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	25 (3.49%)
N.N.D.	...	...	...	...	...	...	...	...	...	4 (0.58%)
P.N.D.	...	...	...	...	...	...	...	...	...	29 (4.04%)
Success rate	...	...	...	...	...	...	...	...	...	88.70%

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	590	84.41	—	601	14	3	17
Non-booked	109	15.59	1	116	11	1	12
Total	699	100.00	1	717	25	4	29

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

	<i>No. of cases</i>
Postmaturity	198
Toxaemia of pregnancy	325
Accidental haemorrhage	3
Intrauterine death	21
Prolonged rupture of membranes	98
A.P.H. of unknown origin	27
A.P.H. (Others)	8
Elderly primigravidae	19
Diabetes mellitus	1

INDUCTION OF LABOUR (Continued)

METHOD OF INDUCTION.—

Medical	144 (20.60%)
Surgical	483 (69.10%)
Combined medical and surgical	72 (10.30%)

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	88	61.11	1	8	1	9
Para 1	24	16.67	—	2	—	2
Para 2 & over	32	22.22	—	11	—	11
Total	144	100.00	1	21	1	22

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	79	51.97	1	19	1	20
Vacuum extraction... ..	19	12.50	—	—	—	—
Forceps	2	1.32	—	1	—	—
Assisted breech with forceps for A.C.H.	6	3.95	—	1	—	1
Assisted breech with B.M.T. for A.C.H.	5	3.29	—	—	—	—
C.S.	41	26.97	—	—	—	1
Total	152	100.00	1	21	1	22

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	262	54.24	—	—	1	1
Para 1	64	13.25	—	—	—	—
Para 2 & over	157	32.51	—	—	—	—
Total	483	100.00	—	—	1	1

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	332	67.34	—	—	—	—
Vacuum extraction ...	68	13.79	—	—	1	1
Low forceps	9	1.83	—	—	—	—
Assisted breech with forceps for A.C.H. ...	3	0.61	—	—	—	—
Assisted breech with B.M.T. for A.C.H. ...	1	0.20	—	—	—	—
L.S.C.S.	80	16.23	—	—	—	—
Total	493	100.00	—	—	1	1

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	45	62.50	—	4	1	5
Para 1	7	9.72	—	—	—	—
Para 2 & over	20	27.78	—	—	1	1
Total	72	100.00	—	4	2	6

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	33	45.83	—	2	—	2
Vacuum extraction ...	12	16.67	—	2	1	3
Low forceps	2	2.78	—	—	—	—
C.S.	25	34.72	—	—	1	1
Total	72	100.00	—	4	2	6

TABLE 22

VACUUM EXTRACTION

Total No. of cases	...	...	...	...	...	...	...	...	...	...	685
Incidence	...	...	...	...	...	...	...	...	...	...	10.95%
Total No. of babies	...	...	...	...	...	...	...	...	...	...	687
Multiple pregnancies	...	...	...	...	...	...	...	...	...	...	3*
Maternal deaths	...	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	...	2 (0.29%)
N.N.D.	...	...	...	...	...	...	...	...	...	...	4 (0.58%)
P.N.D.	...	...	...	...	...	...	...	...	...	...	6 (0.87%)

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	625	91.24	—	627	2	3	5
Non-booked	60	8.76	—	60	—	1	1
Total	685	100.00	—	687	2	4	6

PARITY:—

Para 0	535	78.10	—	535	2	4	6
Para 1	79	11.53	—	79	—	—	—
Para 2 & over	71	10.37	—	73	—	—	—
Total	685	100.00	—	687	2	4	6

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

	<i>No. of cases</i>
Prolonged second stage	303
Foetal distress	116
P.O.P. or P.O.T.	119
Toxaemia	109
Contracted pelvis	9
Previous C.S.	32
A.P.H.	3
Elderly primigravidae...	1
Maternal distress...	27
Uterine inertia	77
Prolapse of cord	1
Both maternal and foetal distress	6
Pulmonary tuberculosis	6
Cardiac disease	27
Diabetes mellitus...	3
Other medical diseases	5

* In the 3 sets of twins pregnancies, only 2 sets of twins were both delivered by vacuum extraction.

TABLE 23

FORCEPS DELIVERY

Total No. of cases	233
Incidence	3.73%
Total No. of babies	239
Multiple pregnancies	21*
Maternal deaths	—
S.B.	3(1.26%)
N.N.D.	13(5.51%)
P.N.D.	16(6.69%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	188	80.69	—	192	2	7	9
Non-booked	45	19.31	—	47	1	6	7
Total	233	100.00	—	239	3	13	16

PARITY:—

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	137	58.80	—	140	1	5	6
Para 1	45	19.31	—	46	1	5	6
Para 2 & over	51	21.89	—	53	1	3	4
Total	233	100.00	—	239	3	13	16

TYPE OF FORCEPS AND FOETAL LOSS:—

Type of forceps	Foetal loss				Primiparae				Multiparae			
	No. of babies	S.B.	N.N.D.	P.N.D.	No. of babies	S.B.	N.N.D.	P.N.D.	No. of babies	S.B.	N.N.D.	P.N.D.
Low forceps	99	1	5	6	47	2	4	6				
Manual rotation & mid forceps	1	—	—	—	—	—	—	—				
Assisted breech with forceps for A.C.H....	40	—	—	—	52	—	4	4				
Total	140	1	5	6	99	2	8	10				

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

	No. of babies
Foetal distress	20
Maternal distress	1
Prematurity	65
Toxaemia	6
Prolonged second stage	15
Both maternal and foetal distress	5
Failed trial of V.E.	7
Previous L.S.C.S.	5
Accidental haemorrhage	1
P.O.P. or P.O.T.	7
Breech presentation	89
Elderly primigravidae	1
Contracted pelvis	2
Prolapse of cord	2
Uterine inertia	9
Cardiac disease	2
Other medical diseases	2

* Among the 20 sets of twins and 1 set of triplets, only 27 babies were delivered by forceps.

TABLE 24
VERSION IN LABOUR

Total No. of cases	...	...	...	...	...	...	...	...	...	2
Booked	...	...	...	...	...	...	...	...	...	2
Non-booked	...	...	...	...	...	...	...	...	...	—
Incidence	...	...	...	...	...	...	...	...	...	0.03 %
Total No. of babies	...	...	...	...	...	...	...	...	...	2*
Multiple pregnancies	...	...	...	...	...	...	...	...	...	2
Maternal deaths	...	...	...	...	...	...	...	...	...	—
Foetal loss	...	...	...	...	...	...	...	...	...	—

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>
Vacuum extraction	1	50.00	—	1	—	—	—
Assisted breech delivery	1	50.00	—	1	—	—	—
Total	2	100 00	—	2	—	—	—

INDICATIONS FOR VERSION:—

Transverse lie	<i>No. of cases</i> 2
----------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	--------------------------

* Only 2 babies in the 2 sets of twins had version in labour.

TABLE 25
CAESAREAN SECTION

Total No. of cases	...	...	...	...	...	...	...	...	...	693
Incidence	...	...	...	...	...	...	...	...	...	11.08%
Total No. of babies	...	...	...	...	...	...	...	...	...	700
Multiple pregnancies...	...	...	...	...	...	...	...	...	...	7
Maternal deaths...	...	...	...	...	...	...	...	...	...	1 (0.14%)
S.B.	...	...	...	...	...	...	...	...	...	4 (0.57%)
N.N.D.	...	...	...	...	...	...	...	...	...	13 (1.87%)
P.N.D.	...	...	...	...	...	...	...	...	...	16 (2.29%)

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	627	90.48	1	634	3	11	13
Non-booked	66	9.52	—	66	1	2	3
Total	693	100 00	1	700	4	13	16

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	60	8.66	—	61	2	1	3
21 — 25	248	35.79	1	250	—	2	2
26 — 30	165	23.81	—	168	1	4	4
31 — 35	113	16.30	—	114	—	4	4
36 — 40	79	11.40	—	79	1	2	3
41 & over	28	4.04	—	28	—	—	—
Total	693	100 00	1	700	4	13	16

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	331	47.76	—	336	2	2	4
Para 1	187	26.99	—	188	—	2	2
Para 2 & over	175	25.25	1	176	2	9	10
Total	693	100.00	1	700	4	13	16

CAESAREAN SECTION (Continued)

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

	<i>No. of cases</i>
Unfavourable pelvis	58
Contracted pelvis	145
Foetal distress	64
Malpositions: P.O.P. or P.O.T.	105
Malpresentations: Breech	117
Face and brow	7
Transverse lie	9
Compound	1
Toxaemia of pregnancy	69
Placenta praevia	54
A.P.H. of unknown origin	5
Accidental haemorrhage	11
Elderly primigravidae	27
Uterine dysfunction	61
C-P disproportion	49
Previous C.S.	209
Prolapse of cord	11
Tumours associated with pregnancy	1
Failed vacuum extraction	6
Failed trial of forceps	2
Failed trial of vacuum and/or forceps	1
Failed induction... ..	78
Maternal distress	10
Both foetal and maternal distress	1
Diabetes mellitus	4
Other medical diseases	4

FOETAL COMPLICATIONS:—

	<i>No. of cases</i>
Neonatal jaundice	39
Congenital abnormality	23
Neonatal infection	78
Respiratory distress syndrome	8
Birth trauma	3
Prematurity... ..	86
Other neonatal disease	20

TABLE 26

RUPTURE OF UTERUS

Total No. of cases	1*
Incidence	0.02%
Maternal death	1

(Please see summary of maternal deaths)

* Patient died undelivered.

TABLE 27
CONTRACTED PELVIS

Total No. of cases	241
Incidence	3.85%
Total No. of babies	242
Multiple pregnancies... ..	1
Maternal deaths	—
S.B.... ..	2 (0.83%)
N.N.D.	3 (1.25%)
P.N.D.	5 (2.07%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No of babies	S.B.	N.N.D.	P.N.D.
Booked	226	93.78	—	227	2	3	5
Non-booked	15	6.22	—	15	—	—	—
Total	241	100.00	—	242	2	3	5

PARITY:—

Para 0	105	43.57	—	106	—	1	1
Para 1	77	31.95	—	76	1	—	1
Para 2 & over	59	24.48	—	60	1	2	3
Total	241	100.00	—	242	2	3	5

TYPE OF PELVIS:—

	No. of case
Gynaecoid	36
Platypelloid	28
Anthropoid	—
Android... ..	—
Mixed... ..	—
Other deformed pelvis	3
Unknown	174

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	21	—	—	—	41	1	—	1
Vacuum extraction	24	—	1	1	6	—	—	—
Low Forceps	2	—	—	—	2	—	—	—
Assisted breech with forceps for A.C.H.	—	—	—	—	2	—	1	1
Assisted breech with B.M.T. for A.C.H.	1	—	—	—	1	1	—	1
L.S.C.S.	57	—	—	—	82	—	1	1
C.C.S.	1	—	—	—	2	—	—	—
Total	106	—	1	1	136	2	2	4

TABLE 28

ANTEPARTUM HAEMORRHAGE

Total No. of cases	207
Incidence	3.31%
Total No. of babies	210
Multiple pregnancies	3
Maternal deaths... ..	1 (0.48%)
S.B.	8 (3.81%)
N.N.D.	16 (7.92%)
P.N.D.	24 (11.43%)

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	156	75.36	1	158	5	7	12
Non-booked... ..	51	24.64	—	52	3	9	12
Total	207	100.00	1	210	8	16	24

PARITY:—

Para 0	85	41.06	1	86	3	5	8
Para 1	46	22.22	—	48	1	7	8
Para 2 & over	76	36.72	—	76	4	4	8
Total	207	100.00	1	210	8	16	24

TYPE OF A.P.H.:—

Accidental haemorrhage	31 (14.97%)
Placenta praevia	57 (27.54%)
A.P.H. of unknown origin	86 (41.55%)
A.P.H. due to extra-placental causes	33 (15.94%)

TABLE 29

ACCIDENTAL ANTEPARTUM HAEMORRHAGE

Total No. of cases	31
Incidence.—Overall	0.50%
Among A.P.H.	14.97%
Total No. of babies	32
Multiple pregnancies	1
Maternal deaths	—
S.B.	3 (9.38%)
N.N.D.	6 (20.69%)
P.N.D.	9 (28.12%)

CAUSES:—

Toxaemia	3
Unknown	28

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>PND</i>
Booked	20	64.52	—	20	2	3	5
Non-booked	11	35.48	—	12	1	3	4
Total	31	100.00	—	32	3	6	9

AGE GROUP:—

20 & under	4	12.90	—	4	—	2	2
21—25	9	29.03	—	10	—	2	2
26—30	9	29.03	—	9	1	1	2
31—35	4	12.90	—	4	2	1	3
36—40	5	16.14	—	5	—	—	—
41 & over	—	—	—	—	—	—	—
Total	31	100.00	—	32	3	6	9

PARITY:—

Para 0	10	32.26	—	10	—	2	2
Para 1	9	29.03	—	10	1	3	4
Para 2 & over	12	38.71	—	12	2	1	3
Total	31	100.00	—	32	3	6	9

ACCIDENTAL ANTEPARTUM HAEMORRHAGE

(Continued)

METHOD OF DELIVERY:—

	No. of cases	Per-centage	Maternal deaths	No of babies	S B.	N N.D.	P N.D.
Spontaneous... ..	11	35.48	—	11	2	3	5
Vacuum extraction ...	1	3.23	—	1	—	—	—
Low forceps	5	16.13	—	5	1	2	3
Assisted breech with B.M.T. for A.C.H.	2	6.45	—	2	—	—	—
Assisted breech with forceps for A.C.H.	1	3.23	—	1	—	1	1
L.S.C.S.... ..	11	35.48	—	12	—	—	—
Total	31	100.00	—	32	3	6	9

MANAGEMENT:— (There may be more than one treatment in each case)

	No. of cases
Blood transfusion	4
Caesarean section without E.U.A. or E.N.A.	6
Caesarean section after E.U.A. or E.N.A.	5
E.U.A. or E.N.A.	3
E.U.A. or E.N.A. and A.R.M.	6
Nil	11

TABLE 30

PLACENTA PRAEVIA

Total No. of cases	57
Incidence:—Overall	0.91%
Among A.P.H.	27.54%
Total No. of babies	59
Multiple pregnancies	2
Maternal deaths	—
S.B.	2 (3.39%)
N.N.D.	5 (8.77%)
P.N.D.	7 (11.86%)

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	40	70.18	—	42	1	3	4
Non-booked	17	29.82	—	17	1	2	3
Total	57	100.00	—	59	2	5	7

AGE GROUP:—

20 & under	6	10.53	—	6	1	1	2
21 — 25	20	35.09	—	21	—	1	1
26 — 30	12	21.05	—	13	1	1	2
31 — 35	14	24.56	—	14	—	2	2
36 — 40	3	5.26	—	3	—	—	—
41 & over	2	3.51	—	2	—	—	—
Total	57	100.00	—	59	2	5	7

PARITY:—

Para 0	20	35.09	—	21	1	2	3
Para 1	13	22.81	—	14	—	1	1
Para 2 & over	24	42.10	—	24	1	2	3
Total	57	100.00	—	59	2	5	7

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	3.51	—	2	—	—	—
Vacuum extraction ...	1	1.75	—	1	—	—	—
L.S.C.S.	52	91.23	—	54	2	4	6
C.C.S.	2	3.51	—	2	—	1	1
Total	57	100.00	—	59	2	5	7

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.	47	1	3	4
501 — 1,000 ml.	7	—	1	1
1,001 — 1,500 ml.	3	1	—	1
1,501 — 2,000 ml.	1	—	—	—
2,001 — 2,500 ml.	1	—	1	1
2,501 & over	—	—	—	—
Total	59	2	5	7

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

	<i>No. of cases</i>
E.U.A. or E.N.A.	2
E.U.A. or E.N.A. and A.R.M.	2
C.S. after E.U.A. or E.N.A.	19
C.S. without E.U.A. or E.N.A.	32
Blood transfusion	13

TABLE 31

A.P.H. OF UNKNOWN ORIGIN

Total No. of cases	86
Incidence:—Overall	1.38%
Among A.P.H.	41.55%
Total No. of babies	86
Multiple pregnancies	—
Maternal deaths	1 (1.16%)
S.B.	1 (1.16%)
N.N.D.	5 (5.88%)
P.N.D.	6 (6.98%)

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	69	80.23	1	69	1	1	2
Non-booked	17	19.77	—	17	—	4	4
Total	86	100.00	1	86	1	5	6

PARITY:—

Para 0	36	41.86	1	36	—	1	1
Para 1	18	20.93	—	18	—	3	3
Para 2 & over	32	37.21	—	32	1	1	2
Total	86	100.00	1	86	1	5	6

METHOD OF DELIVERY:—

Spontaneous... ..	63	73.26	—	63	—	4	4
Vacuum extraction	6	6.98	—	6	—	—	—
Low forceps... ..	4	4.65	—	4	—	1	1
Assisted breech with B.M.T. for A.C.H....	1	1.16	—	1	—	—	—
Assisted breech with forceps for A.C.H....	1	1.16	—	1	1	—	1
L.S.C.S.... ..	11	12.79	1	11	—	—	—
Total	86	100.00	1	86	1	5	6

TABLE 33

POSTPARTUM HAEMORRHAGE

Total No. of cases	84
Incidence	1.34%
Total No. of babies	84*
Multiple pregnancies	2
Maternal deaths	1 (1.19%)

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>NND.</i>	<i>PND.</i>
Booked	65	77.38	—	65	—	1	1
Non-booked	19	22.62	1	19	—	—	—
Total	84	100.00	1	84	—	1	1

AGE GROUP:—

20 & under	9	10.72	—	9	—	—	—
21 — 25	37	44.05	—	37	—	—	—
26 — 30	23	27.38	—	23	—	1	1
31 — 35	8	9.52	—	8	—	—	—
36 — 40	6	7.14	1	6	—	—	—
41 & over	1	1.19	—	1	—	—	—
Total	84	100.00	1	84	—	1	1

PARITY:—

Para 0	37	44.05	—	37	—	—	—
Para 1	17	20.24	—	17	—	—	—
Para 2 & over	30	35.71	1	30	—	1	1
Total	84	100.00	1	84	—	1	1

METHOD OF DELIVERY:—

Spontaneous	60	71.43	1	60	—	1	1
Vacuum extraction	13	15.48	—	13	—	—	—
Low Forceps	5	5.95	—	5	—	—	—
Assisted breech with B.M.T. for A.C.H.	1	1.19	—	1	—	—	—
Assisted breech with forceps for A.C.H.	2	2.38	—	2	—	—	—
Caesarean section	3	3.57	—	3	—	—	—
Total	84	100.00	1	84	—	1	1

* 2 B.B.A. babies were not admitted.

POSTPARTUM HAEMORRHAGE

(Continued)

CAUSES (more than 1 cause may be responsible):—

	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Uterine atony	8	18	26
Genital tract infection	—	1	1
Retained products of conception ...	9	4	13
Hypofibrinogenaemia	1	—	1
Trauma to lower genital tract... ..	5	1	6
Retained placenta	4	11	15
Inversion of uterus	—	1	1
Subinvolution	8	6	14
Others	5	3	8
Total	40	45	85

AMOUNT OF BLOOD LOSS:—

<i>Millilitres</i>	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
500 or less	29	20	49
501 — 1,000	8	22	30
1,001 — 1,500	—	1	1
1,501 — 2,000	—	2	2
2,001 — 2,500	—	2	2
2,501 & over	—	—	—
Total	37	47	84

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

	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Conservative (Ergometrine, Syntocinon drip)... ..	8	18	26
Blood transfusion	8	28	36
Repair of laceration	5	1	6
Manual removal of placenta or cotyledon	3	7	10
Evacuation of uterus	18	14	32
Hysterectomy	—	3	3
B.A.T.	1	4	5
Others	3	7	10

TABLE 34

MANUAL REMOVAL OF PLACENTA

Total No. of cases	...	...	...	...	...	...	...	...	...	28
Booked	...	...	...	...	...	...	...	...	...	21
Non-booked	...	...	...	...	...	...	...	...	...	7
Incidence	...	...	...	...	...	...	...	...	...	0.45%
Total No. of babies	...	...	...	...	...	...	...	...	...	28
Multiple pregnancies	...	...	...	...	...	...	...	...	...	—
Maternal deaths	...	...	...	...	...	...	...	...	...	1 (3.57%)

AGE GROUP:—

Age Group	No. of cases	Percentage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	1	3.57	—	1	—	—	—
21 — 25	13	46.43	—	13	—	—	—
26 — 30	7	25.00	—	7	—	—	—
31 — 35	4	14.29	—	4	—	—	—
36 — 40	3	10.71	1	3	—	—	—
41 & over	—	—	—	—	—	—	—
Total	28	100.00	1	28	—	—	—

PARITY:—

Parity	No. of cases	Percentage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	10	35.71	—	10	—	—	—
Para 1	6	21.43	—	6	—	—	—
Para 2 & over	12	42.86	1	12	—	—	—
Total	28	100.00	1	28	—	—	—

INDICATIONS

	Primiparae	Multiparae	Total
Retained placenta	5	5	10
Adherent placenta	3	11	14
Broken cord...	2	2	4
Total	10	18	28

METHOD OF DELIVERY OF FOETUS:—

	No. of cases	Percentage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	25	89.29	1	25	—	—	—
Vacuum extraction	2	7.14	—	2	—	—	—
Internal version and breech extraction	1	3.57	—	1	—	—	—
Total	28	100.00	1	28	—	—	—

Postpartum haemorrhage 7 cases (25.00%)

TABLE 35

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

Total No. of cases	34
Incidence	0.54%
Total No. of babies	35
Multiple pregnancies	1
Maternal deaths... ..	—
S.B.	—
N.N.D.	—
P.N.D.	—

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	32	94.12	—	33	—	—	—
Non-booked... ..	2	5.88	—	2	—	—	—
Total	34	100.00	—	35	—	—	—

PARITY:—

Para 0	20	58.82	—	21	—	—	—
Para 1	5	14.71	—	5	—	—	—
Para 2 & over	9	26.47	—	9	—	—	—
Total	34	100.00	—	35	—	—	—

TYPE OF TUMOUR:—

Ovarian cyst	9
Parovarian cyst	2
Other benign tumours	6
Uterine fibromyoma	13
Benign tumour of vagina—including gartner duct cyst, inclusion cyst etc.	3
Carcinoma of cervix	1

METHOD OF DELIVERY:—

Spontaneous	12
Vacuum extraction	1
L.S.C.S.	22

TABLE 36

MULTIPLE PREGNANCY

Number of cases 51

TWIN PREGNANCY

Total No. of cases 50
 Incidence of twin pregnancy 0.80%
 Total No. of babies 100
 Maternal deaths —
 Uniovular 31
 Binovular 17
 Unknown 2

FOETAL MORTALITY:—

	<i>First Twin</i>	<i>Second Twin</i>	<i>Total</i>
S.B.	1	1	2 (2.00%)
N.N.D.	4	2	6 (6.12%)
P.N.D.	5	3	8 (8.00%)

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Prc-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	34	68.00	—	68	2	1	3
Non booked	16	32.00	—	32	—	5	5
Total	50	100.00	—	100	2	6	8

AGE GROUP:—

	<i>No of cases</i>	<i>Prc-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	4	8.00	—	8	—	—	—
21 — 25	13	26.00	—	26	1	2	3
26 — 30	17	34.00	—	34	1	2	3
31 — 35	8	16.00	—	16	—	2	2
36 — 40	6	12.00	—	12	—	—	—
41 & over	2	4.00	—	4	—	—	—
Total	50	100.00	—	100	2	6	8

PARITY:—

	<i>No of cases</i>	<i>Prc-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	30.00	—	30	2	—	2
Para 1	8	16.00	—	16	—	2	2
Para 2 & over	27	54.00	—	54	—	4	4
Total	50	100.00	—	100	2	6	8

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	5	2	40.00	6	3	50.00			
1,501 — 2,000	8	—	—	10	1	10.00			
2,001 — 2,500	21	1	4.76	16	—	—			
2,501 — 3,000	12	—	—	14	—	—			
3,001 — 3,500	4	1	25.00	4	—	—			
3,501 & over	—	—	—	—	—	—			
Total	50	4	8.00	50	4	8.00			

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	2	6.67	14	1	7.14			
Vacuum extraction	2	—	—	3	—	—			
Low forceps	9	1	11.11	7	—	—			
Assisted breech with B.M.T. for A.C.H.	2	1	50.00	18	2	11.11			
C.S.	7	—	—	8	1	12.50			
Total	50	4	8.00	50	4	8.00			

PRESENTATION:—

Vertex — Vertex	21
Vertex — Breech	18
Breech — Vertex	5
Breech — Breech	3
Vertex — Transverse	2
Transverse — Transverse	1

MULTIPLE PREGNANCY (Continued)

PRESENTATION AND FOETAL LOSS:—

<i>Presentation</i>	<i>Foetal loss</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	3	7.32	26	1	3.85
Breech	8	1	12.50	21	2	9.52
Tansverse lie	1	—	—	3	1	33.33
Total	50	4	8.00	50	4	8.00

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

Transverse lie	3
Prolonged 2nd stage	1
Contracted pelvis	1
Breech presentation	1
Prolapse of cord	1
Failed induction	2
Toxaemia	1

MATERNAL COMPLICATIONS:— (More than one complication may be present in one case)

Toxaemia	21
Anaemia	16
Contracted pelvis	2
Prolonged labour	5
Placenta praevia	2
Postpartum haemorrhage	2
Accidental haemorrhage	1

TABLE 37

PUERPERAL PYREXIA

Total No. of cases	228
Incidence	3.65%

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

Genital in origin	10(3.98%)
Urinary in origin	108(43.03%)
Combined genital and urinary origin	15(5.98%)
Others	72(28.68%)
Unknown origin	46(18.33%)

PUERPERAL PYREXIA (GENITAL)

Total No. of cases	25
Booked	20
Non-booked	5
Primiparae	18
Multiparae	7
Incidence:—Overall	0.40%
Among puerperal pyrexia.	10.96%
Multiple pregnancies	—
Maternal deaths	—

METHOD OF DELIVERY:—

Spontaneous	6
Vacuum extraction	4
L.S.C.S.	15
<hr/>	<hr/>
Total No. of babies	25

TRIPLETS

Serial No. 3139/72 Age: 25 Gravida: 2 Para: 1

This patient was booked at the antenatal clinic at 22 weeks' maturity. Multiple pregnancy was diagnosed clinically at subsequent visits and confirmed to be triple pregnancy radiologically at 30 weeks' maturity. She was then admitted to hospital for rest.

She went into spontaneous labour at the maturity of 32 weeks and 5 days and a set of live female triplets were delivered. The first baby, weighing 1,460 gm. was delivered by low forceps. The second baby, weighing 2,000 gm. was delivered by assisted breech delivery with Burns-Marshall technique for the after-coming head. The third baby, weighing 1,200 gm. was delivered assisted breech delivery with low forceps for the after-coming head. The third stage and the puerperium were uneventful.

The first baby was discharged well 77 days after delivery weighing 3,280 gm.; the second baby 34 days after delivery weighing 2,260 gm.; the third baby 44 days after delivery weighing 2,260 gm.

The condition of the mother and that of the triplets at postnatal visit were satisfactory.

MATERNAL DEATHS

1. Booked case. Serial No. 5074/71 Age: 25 Gravida: 3 Para: 0

This patient had 2 abortions in the preceding year in other hospitals.

During this pregnancy there was vaginal bleeding when she was 2 months pregnant. She came to book at 20 weeks' maturity when she was found to have an arcuate uterus with single vagina and cervix.

She was admitted at 33 weeks' gestation because of vaginal brownish spotting, was treated conservatively and the bleeding never recurred. The foetus was in cephalic presentation. After exclusion of placenta praevia with soft tissue placentography, she was discharged.

She was readmitted at 37 weeks and 3 days in labour. The foetus was found to be in breech presentation with flexed legs. X-ray pelvimetry showed adequate pelvic measurements but a convergent type of pelvis.

Lower segment Caesarean section was done.

During the operation she was found to have a bicornuate uterus and the pregnancy occurred in the right side. A live female baby weighing 2,050 gm. was delivered. After delivery of the placenta, the patient had cardiac arrest. Immediate examination by the anaesthetist showed no obstruction of the airway or aspiration. External cardiac massage restarted the heart and the pulse was 150/min and the blood pressure 90/50. Hg. which gradually improved and respiration also returned to spontaneous regular rhythm. However, she remained unconscious, and developed fever and twitching of both upper limbs and fibrillation of facial muscles.

She was transferred to the Intensive Care Unit, Queen Mary Hospital the next morning. All vital functions were present but the patient never regained consciousness. She died 5 days after transfer.

The relatives refused autopsy.

Presumed cause of death: ? Amniotic liquor embolism.

2. Non-booked case. Serial No. 4498/72 Age: 41 Gravida: 5 Para: 3

This patient was referred from a maternity home with an alleged intrapartum eclamptic fit.

The patient's pregnancy was said to be uneventful and she went into labour spontaneously at term. Labour progressed rapidly and her cervix became fully dilated after 2½ hours. During one of her efforts to bear down, the patient complained of severe abdominal pain. After half an hour in the second stage, the patient was noticed to clench her fists suddenly and to become very drowsy and pale. Her blood pressure was then said to be 110/65 mm. Hg. and pulse 70 per minute. She was referred to Tsan Yuk Hospital with a diagnosis of intrapartum eclampsia.

On admission, the patient was in shock, with blood pressure 60/40 mm. Hg., pulse 140 per minute. There was marked pallor. On abdominal examination, the abdomen was grossly distended with dullness to percussion at the flanks. The uterus was enlarged to term size, the foetal parts were prominent in one area and the foetal head not engaged. Foetal heart sounds were absent. Vaginal examination revealed the cervix to be fully dilated. The vertex was above the level of the ischial spines, with marked moulding and caput formation. There was no vaginal bleeding and a diagnosis of ruptured uterus was made. The patient had cardiac arrest 15 minutes after admission from which she never recovered.

Autopsy revealed ruptured uterus with a haemoperitoneum of 3,000 ml.

Cause of death: Ruptured uterus.

Intraperitoneal haemorrhage.

Irreversible shock.

3. Non-booked case. Serial No. 6237/72 Age: 40 Gravida: 8 Para: 7

The patient came to our hospital on her own initiative because of labour pains and "show". All her previous pregnancies and deliveries were normal.

Her condition on admission was good. Her blood pressure was 130/80 mm. Hg. during labour and she has pitting oedema up to the knee. No albuminuria was detected. After a first stage of 3 hours and 40 minutes and a second stage of 35 minutes, she delivered spontaneously a female baby weighing 3,260 gm.

After the delivery of the baby, the patient had an generalized convulsion. The blood pressure following the convulsion was 140/90 mm. Hg. Thiopentone infusion was started to control the intrapartum eclampsia. The placenta was retained and the uterus was flabby. The patient bled about 600 ml. and manual removal of the placenta was carried out.

The uterus remained atonic despite administration of oxytocic drugs and bleeding persisted. The patient went into peripheral circulatory failure with unrecordable blood pressure and a thready pulse of 140 per minute. After resuscitation with blood transfusion, a hysterectomy was carried out 3 hours after delivery. The total blood loss was estimated to be 2.5 litres and was replaced by transfusion. After operation, her condition improved; with blood pressure 150/120 mm. Hg., pulse 120/min. with good volume and satisfactory urine output. Sedation with a thiopentone infusion was continued.

Two hours after hysterectomy, the patient was noted to have bleeding tendency and oozing of blood from the abdominal wound. A haematoma of the abdominal wound was evacuated and a pressure bandage was applied.

About 5 hours after surgery the breathing was noted to be laboured and the limbs were rigid. The pupils were equal in size but only reacted sluggishly to light. The patient died an hour later.

Autopsy: Multifocal haemorrhages - peritoneum, endocardium and bladder mucosa.

Subdural, subarachnoid and intracerebral haemorrhages.

Cause of death: Intrapartum eclampsia.
Postpartum haemorrhage.
Intracerebral haemorrhage.
Consumption coagulopathy.

TABLE 38

SUMMARY OF FOETAL LOSS

Total No. of live births and stillbirths Total No. of live births	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.			
...	60 (2)	9.53	68 (6)	10.91	126 (8)	20.02			
Booked	38 (2)	6.67	46 (3)	8.12	83 (5)	14.56			
Non-booked	22 (—)	37.04	22 (3)	38.46	43 (3)	72.39			
Primiparae...	29 (2)	9.91	21 (—)	7.25	49 (2)	16.75			
Multiparae ...	31 (—)	9.20	47 (6)	14.08	77 (6)	22.86			

CAUSES	S. B.			N. N. D.			P. N. D.		
	No. of babies	Incidence	No. of babies	Incidence	No. of babies	Incidence			
1. Intrapartum anoxia ...	2	3.33%	6	8.82%	8	8.82%			
Contracted pelvis ...	—	—	1	—	1	—			
Cord accident ...	2	—	1	—	3	—			
Unknown cause ...	—	—	2	—	2	—			
Toxaemia ...	—	—	1	—	1	—			
Breech delivery ...	—	—	1	—	1	—			
2. Congenital malformations ...	1	1.67%	12	17.65%	13	17.65%			
Multiple anomalies ...	—	—	5	—	5	—			
Hydrocephalus ...	—	—	1	—	1	—			
Anencephaly ...	1	—	4	—	5	—			
C.V.S. ...	—	—	2	—	2	—			
3. Antepartum anoxia ...	22	36.66%	5	7.36%	27	7.36%			
Toxaemia ...	10	—	3	—	13	—			
Postmaturity ...	1	—	—	—	1	—			
Accidental haemorrhage ...	3	—	—	—	3	—			
Placenta praevia ...	1	—	2	—	3	—			
Diabetes mellitus ...	1	—	—	—	1	—			
Cord accident ...	6	—	—	—	6	—			

6,294
6,234

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 ...	26	43.33%	—	—%	26	13	13	12	14	20.63%
5. Respiratory distress syndrome ...	—	—%	30	44.12%	30	18	12	9	21	23.81%
6. Birth trauma ...	1	1.67%	6	8.82%	7	6	1	3	4	5.55%
Prematurity ...	1	—	—	—	1	1	—	—	1	—
Instrumental delivery (breech) ...	—	—	3	—	3	2	1	—	3	—
(V.E.) ...	—	—	2	—	2	2	—	2	—	—
(L.F.) ...	—	—	1	—	1	1	—	1	—	—
7. Neonatal infection ...	—	—%	1	1.47%	—	—	—	—	—	—%
Pneumonia ...	—	—	1	—	—	—	—	—	—	—
8. Isoimmunization and other haemolytic disease ...	4	6.67%	6	8.82%	10	7	3	5	5	7.94%
Hydrops foetalis ...	4	—	5	—	9	6	3	4	5	—
Kernicterus ...	—	—	1	—	1	1	—	1	—	—
9. Miscellaneous ...	4	6.67%	2	2.94%	5	4	1	2	3	3.97%
Haemorrhagic disease of newborn	—	—	1	—	1	1	—	—	1	—
Maternal liver disease	4	—	—	—	4	3	1	2	2	—
Acute myeloid leukaemia	—	—	1	—	—	—	—	—	—	—

() No. in brackets indicates No. of twin babies.

SUMMARY OF FOETAL LOSS (Continued)

BIRTH WEIGHT:—

<i>Birth weight (grams)</i>	<i>Foetal loss</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
		<i>No. of cases</i>	<i>No. of cases</i>	<i>No. of cases</i>
Under 1,000		11	4	15
1,001 — 1,500		9	23	30
1,501 — 2,000		13	17	30
2,001 — 2,500		12	6	18
2,501 — 3,000		7	10	17
3,001 — 3,500		6	4	10
3,501 — 4,000		1	3	4
4,001 — 4,500		1	1	2
Total		60	68	126

METHOD OF DELIVERY:—

<i>Method of delivery</i>	<i>Foetal loss</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
		<i>No. of cases</i>	<i>No. of cases</i>	<i>No. of cases</i>
Spontaneous		46	36	81
Vacuum extraction		2	4	6
Low forceps		3	9	12
Assisted breech with forceps for A.C.H.		—	4	4
Assisted breech with B.M.T. for A.C.H.		5	2	7
Caesarean section		4	13	16
Total		60	68	126

TABLE 39

PREMATURE LIVE-BORN INFANTS

Total No. of cases	...	...	...	...	...	...	...	...	...	528
Booked	...	...	...	...	...	...	...	...	...	422
Non-booked	...	...	...	...	...	...	...	...	...	106
Primiparae	...	...	...	...	...	...	...	...	...	268
Multiparae	...	...	...	...	...	...	...	...	...	260
Multiple pregnancies	...	...	...	...	...	...	...	...	(one twin)	16
									(both twins)	21
									(all triplets)	1
Incidence (per 1,000 L.B.)	...	...	...	...	...	...	...	...	...	84.70
N.N.D.	...	...	...	...	...	...	...	...	...	48(9.09%)

CAUSES OF DEATH:—

	<i>No. of cases</i>
Respiratory distress syndrome	27
Hydrops foetalis	2
Multiple anomalies	3
Congenital malformation of C.V.S.	2
Anencephaly	2
Birth trauma	2
Toxaemia	3
Placenta praevia	2
Kernicterus	1
Cord accident	1
Haemorrhagic disease of newborn	1
Pneumonia	1
Acute myeloid leukaemia	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.	36	22	611.11
32 — 33 wks.	44	14	318.18
34 — 35 wks.	55	1	18.18
36 — 37 wks.	107	4	37.38
38 — 39 wks.	150	5	33.33
40 — 41 wks.	86	—	—
42 wks. & over	12	—	—
Unknown	38	2	52.63

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	6	5	833.33
1,001 — 1,500	37	23	621.62
1,501 — 2,000	94	14	148.94
2,001 — 2,500	391	6	15.35

TABLE 40

CONGENITAL MALFORMATIONS

Total No. of cases	...	...	...	...	...	...	...	...	...	...	...	108
Booked	...	...	...	...	...	...	...	...	...	...	...	92
Non-booked	...	...	...	...	...	...	...	...	...	...	...	16
Incidence	...	...	...	...	...	...	...	...	...	...	...	17.16 per 1,000 L.B.& S.B.
Foetal mortality:—												
S.B.	...	...	...	...	...	...	...	...	...	...	...	2(1.85%)
N.N.D.	...	...	...	...	...	...	...	...	...	...	...	15(14.15%)
P.N.D.	...	...	...	...	...	...	...	...	...	...	...	15(13.89%)
Among live births	...	...	...	...	...	...	...	...	...	...	...	1.70%
Among stillbirths	...	...	...	...	...	...	...	...	...	...	...	3.33%
Among premature live births	...	...	...	...	...	...	...	...	...	...	...	4.72%
Among neonatal deaths	...	...	...	...	...	...	...	...	...	...	...	22.06%

TYPE OF MALFORMATION:—

	<i>No. of cases</i>
Multiple anomalies	7
Anomalies of central nervous system	6
Anomalies of cardio-vascular system	11
Anomalies of genito-urinary tract	14
Anomalies of gastro-intestinal tract	8
Anomalies of limbs	25
Anomalies of lips and palate	17
Anomalies of skin	8
Others...	12

TABLE 41
BIRTH TRAUMA

Total No. of cases	123
Incidence	19.54 per 1,000 L.B. & S.B.
Foetal result:—S.B.	—
N.N.D.	7(5.69%)
P.N.D.	7(5.69%)

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Percentage</i>
Spontaneous	30	24.39
Vacuum extraction	78	63.41
Low forceps	7	5.69
Assisted breech with B.M.T. for A.C.H.	5	4.07
Caesarean section	3	2.44

TYPE OF INJURY:—(More than one type of injury may be present in each case)

	<i>No. of cases</i>
Cephalhaematoma	94
Abrasion of scalp	13
Tentorial tear	2
Cerebral symptoms	2
Depressed fracture of skull	1
Fracture of other bones	1
Combined	12

TABLE 42
NEO-NATAL INFECTIONS

Total No. of cases	586
Incidence (per 1,000 L.B.)	94.00
N.N.D.	31
Neo-natal mortality rate	5.29%

TABLE 43
NEO-NATAL JAUNDICE

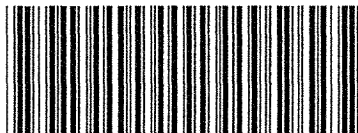
Total No. of cases	405
Incidence (per 1,000 L.B.)	64.97
No. of cases with known cause	128(31.60%)

<i>Cause</i>	<i>No. of cases</i>	<i>Exchange transfusion</i>	<i>N.N.D.</i>
A.B.O. incompatibility	74	10	—
Glucose-6-phosphate dehydrogenase deficiency	34	3	—
Cephalhaematoma	5	—	—
Prematurity	11	2	—
Sepsis	4	—	—
Unknown	277	16	3
Total	405	31	3

TABLE 44
X-RAY DEPARTMENT STATISTICS

<i>Month</i>	<i>Chest</i>	<i>Bones</i>	<i>Abdomen</i>	<i>Pelvismetry</i>	<i>Direct Placento- graphy</i>
Jan.	485	22	39	78	—
Feb.	323	11	40	73	12
Mar.	641	8	48	86	4
Apr.	517	9	51	99	9
May	638	6	61	87	9
June	705	9	51	88	13
July	613	12	73	121	18
Aug.	347	8	57	105	17
Sept.	387	18	50	109	20
Oct.	465	11	47	136	15
Nov.	367	7	48	91	13
Dec.	313	6	39	89	10
Total	5801	127	604	1162	140

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