



UNIVERSITY OF HONG KONG
LIBRARY

CLINICAL REPORT
OF THE
TSAN YUK HOSPITAL
FOR THE YEAR
1967



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

Printed by:
FREE PRESS COMPANY
Hong Kong

CONTENTS

	<i>Page</i>
I. MEDICAL STAFF	1
II. ABBREVIATIONS	2
III. TABLE OF COMPARATIVE STATISTICS (1953-1967)	3
IV. STATISTICAL SUMMARY	4
V. DETAILED OBSTETRICAL REPORT	
ARRANGEMENT OF TABLES:—	
Table: 1. Associated diseases	6
2. Abortion	10
3. Cardiac disease	11
4. Toxaemia of pregnancy	13
5. Pre-eclampsia	14
6. Eclampsia	18
7. Unclassified toxaemia 'A'	19
8. Unclassified toxaemia 'B'	20
9. Recurrent toxaemia	25
10. Essential hypertension	26
11. Chronic nephritis	27
12. Persistent posterior position of the occiput and transverse arrest	28
13. Breech deliveries	29
14. Transverse and oblique lie	32
15. Face and brow presentation	33
16. Compound presentation	34
17. Prolapse and presentation of cord	35
18. Hydramnios	36
19. Prolonged labour	37
20. Labour following previous Caesarean section	38
21. Induction of labour	39
22. Vacuum extraction	42
23. Forceps deliveries	43
24. Version in labour	44
25. Caesarean section	35
26. Rupture of uterus	47
27. Contracted pelvis	48
28. Antepartum haemorrhage... ..	49
29. Accidental antepartum haemorrhage	50
30. Placenta praevia... ..	52
31. A.P.H. of unknown origin	54
32. A.P.H. due to extra-placental causes	56
33. Postpartum haemorrhage	57
34. Manual removal of placenta	59
35. Tumours associated with pregnancy, labour & puerperium	61
36. Multiple pregnancy	62
37. Puerperal pyrexia	65
VI. DETAILS OF MATERNAL DEATHS	66
VII. DETAILED PAEDIATRIC REPORT	
ARRANGEMENT OF TABLES:—	
38. Summary of foetal loss	68
39. Premature live-born infants	71
40. Congenital malformations	72
41. Birth trauma	73
42. Neo-natal infections	73
43. Neo-natal jaundice	74
VIII. X-RAY DEPARTMENT STATISTICS	75

MEDICAL STAFF OF THE TSAN YUK HOSPITAL

Obstetrician In Charge:

Prof. Daphne Wai-Chun Chun, O.B.E.; M.B.,B.S.(H.K.); F.R.C.S (Edin.);
F.R.C.O.G.; J.P.

Professor of Obstetrics & Gynaecology, University of Hong Kong,
Consultant Obstetrician & Gynaecologist to the Government.

Obstetrician & Medical Superintendent:

*Joseph Cheung, M.B.,B.S.(H.K.); M.R.C.O.G. (Jan. - Nov.)

*K. H. Lee, M.B.,B.S.(H.K.); M.R.C.O.G. (Nov. - Dec.)

Obstetricians & Lecturers, University of Hong Kong:

Carolina A. Braga, M.B.,B.S.(H.K.); M.R.C.O.G.; M.A. (Cal.) (Senior Lecturer).

Ho-Kei Chung, M.B.,B.S.(H.K.); M.R.C.O.G.

H. N. Soo, M.B.,B.S.(H.K.); M.R.C.O.G.

K. K. Yeung, M.B.,B.S.(H.K.); M.R.C.O.G.

S. K. Yip, M.B.,B.S.(H.K.); M.R.C.O.G.

P. L. Chan, M.D.,C.M. (McGill.)

W. Chau, M.B.,B.S.(H.K.)

F. C. Li, M.B.,B.S.(H.K.)

*A. C. B. Lopes, M.B.,B.S.(H.K.); M.R.C.O.G.

*K. Drury, M.D.(Lond.); L.R.C.P.; M.R.C.S.; F.R.C.O.G.

*Ada T. S. Chan, B.Sc. (Lingnan)

Consultant Anaesthetist:

Z. Lett, M.D. (Czech.); F.F.A.R.C.S. (Eng.).

Consultant Dermatologist & Venereologist:

K. O. Wong, M.B.,B.S.(H.K.); M.R.C.P. (Glas.)

Consultant Paediatrician:

Prof. C. Elaine Field, M.D.; F.R.C.P. (Lond.).

Consultant Pathologist:

Prof. J. B. Gibson, M.D.(Edin. and Western Reserve); F.R.C.P. (Edin.); M.C. Path.

Consultant Clinical Pathologist:

T. B. Teoh, M.B.,B.S.(H.K.); Ph.D. (Leeds).

Consultant Physician:

R. Yu, M.B.,B.S.(H.K.); M.R.C.P.(Edin.); Ph.D.(Lond.)

Consultant Chest Physician:

Sister Mary Aquinas, M.B., B.Ch.(N.U.I.).

Consultant Psychiatrist:

P. M. Yap, M.A.; M.D. (Contab.); F.R.C.P. (Edin.).

Consultant Radiologist:

H. C. Ho, M.B.,B.S.(H.K.); F.R.C.P.(Lond.); F.F.R.

Consultant Surgeons:

Prof. G. B. Ong, M.D.(Shanghai); M.B.,B.S.(H.K.); F.R.C.S.(Eng. and Edin.);
F.A.C.S.

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

*Honorary clinical lecturer

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.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 operation theatre without anaesthesia.
E.U.A.	... ..	Examination under anaesthesia.
F.	... ..	Female.
F.D.	... ..	Fully dilated.
G.A.	... ..	General anaesthesia.
Hosp.	... ..	Hospital.
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.B.E.	... ..	Oil, bath and enema.
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.
Qty.	... ..	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, 1958-1967

	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Adult patients admitted	8,918	8,196	7,251	7,774	7,340	7,624	6,761	5,654	5,361	5,469
Patients delivered in hospital	7,760	7,431	6,266	6,537	5,844	6,455	5,626	5,105	5,183	5,296
Primiparae	2,400	2,886	2,525	2,583	2,412	2,685	2,309	2,287	1,869	2,314
Multiparae	5,360	4,545	3,741	3,954	3,432	3,770	3,317	3,218	3,314	2,982
Patients admitted after delivery	22	13	32	22	25	60	52	59	60	52
Primiparae	1	—	2	1	4	8	4	7	—	4
Multiparae	21	13	30	21	21	52	48	60	60	48
Total patients delivered	7,782	7,444	6,298	6,559	5,869	6,515	5,678	5,564	5,240	5,347
Abortion	35	30	17	22	25	20	40	37	45	33
Patients transferred	11	20	14	4	43	36	32	17	35	23
Patients discharged undelivered	922	799	119	142	80	59	70	52	76	89
Pre-eclampsia	533	583	358	501	127	101	110	83	91	66
Eclampsia	6	17	13	14	3	7	4	4	5	3
Accidental antepartum haemorrhage	72	74	60	55	56	69	46	56	50	43
Placenta praevia	50	23	48	50	53	73	70	55	27	42
Postpartum haemorrhage	54	70	50	37	55	48	43	91	85	78
Contracted pelvis	279	454	568	651	694	585	440	464	443	354
Vacuum extraction	—	—	—	114	295	579	555	622	552	530
Vacuum extraction rate per cent	—	—	—	1.74	5.02	8.96	9.78	11.05	10.43	9.83
Forceps delivery	436	699	743	565	413	327	239	199	205	114
Forceps delivery rate per cent	5.61	9.4	11.79	10.00	7.07	5.04	4.21	3.54	4.04	2.06
Caesarean section	221	384	532	597	527	513	556	615	561	534
Caesarean section rate per cent	2.84	5.16	8.45	9.09	9.02	7.87	9.79	11.11	10.71	9.94
Maternal deaths	7	5	2	8	—	2	6	6	7	2
Maternal death rate (per 1,000 cases admitted)	0.89	0.66	0.32	1.22	—	0.31	1.06	1.06	1.34	0.37
Infants born in hospital	7,868	7,535	6,333	6,631	5,874	6,526	5,701	5,567	5,241	5,348
Infants born before admission (B.B.A.)	22	13	32	22	25	63	52	60	60	52
Total infants born	7,890	7,548	6,365	6,653	5,899	6,589	5,753	5,627	5,301	5,400
Infants transferred	—	5	2	1	6	13	15	6	16	17
Stillbirths (including macerated foetuses)	119	82	61	76	63	95	75	46	56	52
Stillbirth rate (per 1,000 live and stillbirths)	15.08	10.86	9.58	11.46	10.68	14.42	13.04	8.17	10.56	9.63
Neo-natal deaths	105	100	78	88	63	71	58	56	58	59
Neo-natal death rate (per 1,000 live births)	13.53	13.39	12.37	13.43	10.79	10.93	10.22	10.03	11.06	11.03
Perinatal deaths	—	—	135	154	121	163	132	100	109	108
Perinatal death rate (per 1,000 live & stillbirths)	—	—	21.21	23.22	20.50	24.74	22.95	17.77	20.56	20.00

STATISTICAL SUMMARY

Adult patients admitted	5,469
Patients delivered in hospital	5,296
Booked	5,000
Primiparae (Twins: 15 sets)	2,238
Multiparae (Twins: 29 sets, including one foetus papyraceus)... ..	2,762
Non-booked	296
Primiparae (Twins: 3 sets)	76
Multiparae (Twins: 4 sets and 1 2nd twin) (Triplets: 1 set)	220
Patients admitted after delivery	52*
Booked	23
Primiparae (Twins: Nil)	1
Multiparae (Twins: Nil)	22
Non-booked	29
Primiparae (Twins: Nil)... ..	3
Multiparae (Twins: One 1st twin only)	26
Total No. of patients delivered	5,347
Booked	5,023
Primiparae (Twins: 15 sets)... ..	2,239
Multiparae (Twins: 29 sets)... ..	2,784
Non-booked	324
Primiparae (Twins: 3 sets)	79
Multiparae (Twins: 5 sets) (Triplets: 1 set)	245
Patients aborted	33
Patients discharged undelivered	89
Maternal deaths	2
Maternal death rate (per 1,000 cases admitted)	0.37
(per 1,000 cases delivered)	0.37
Total No. of multiple pregnancies	53 ⁺
Total No. of infants born	5,400
Total No. of infants born in hospital	5,348
Total No. of infants born before admission	52
Total No. of live born infants	5,348
Booked	5,025
Non-booked	323
Stillbirths	
Total	52
Booked	41
Non-booked	11

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

+ One of the 2nd twins was a foetus papyraceus.

TABLE 1

ASSOCIATED DISEASES

ANAEMIA

Total No. of cases	1,275
Booked	1,175
Non-booked	100
Primiparae	492
Multiparae	783
Incidence	23.85%

Type of anaemia:—

1. Iron deficiency	968
2. Thalassaemia minor	22
3. Other haemoglobinopathy	2
4. Other haemolytic anaemia	3
5. Others	280

URINARY TRACT INFECTIONS (Antenatal)

Total No. of cases	65
Incidence	1.22%

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	4	6.15	4	—	—	—
21 — 25	22	33.85	22	—	—	—
26 — 30	18	27.69	19	—	—	—
31 — 35	6	9.23	6	—	—	—
36 — 40	15	23.08	16	2	—	2
41 & over	—	—	—	—	—	—
Total	65	100	67	2	—	2

PARITY:—

Para 0	33	50.77	34	2	—	2
Para 1	14	21.54	15	—	—	—
Para 2 & over	18	27.69	18	—	—	—
Total	65	100	67	2	—	2

TABLE 1 (Continued)

PULMONARY TUBERCULOSIS

	<i>Active</i>	<i>Non-active</i>
Total No. of cases	78	87
Booked	75	84
Non-booked	3	3
Primiparae	27	35
Multiparae	51	52
Incidence... ..	1.46%	1.63%
S. B.		1 (0.61%)
N. N. D.		2 (1.22%)
P. N. D.		3 (1.82%)

POTENTIAL DIABETES

Total No. of cases	5
Booked... ..	3
Non-booked... ..	2
Primiparae	—
Multiparae	5
Incidence... ..	0.09%
Maternal deaths	—
S. B.	1(20%)
N. N. D.	—
P. N. D.	1(20%)

AGE GROUP:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S. B.</i>	<i>NND</i>	<i>P.N.D.</i>
20 & under	—	—	—	—	—	—	—
21 — 25	—	—	—	—	—	—	—
26 — 30	1	20	—	1	—	—	—
31 — 35	2	40	—	2	—	—	—
36 — 40	2	40	—	1	1	—	1
40 & over	—	—	—	—	—	—	—
Total	5	100	—	4	1	—	1

PARITY:—

Para 0	—	—	—	—	—	—	—
Para 1	—	—	—	—	—	—	—
Para 2 & over	5	100	—	4	1	—	1
Total	5	100	—	4	1	—	1

METHOD OF DELIVERY:—

Spontaneous	2	40	—	2	—	—	—
L. S. C. S.	3	60	—	2	1	—	1
Total	5	100	—	4	1	—	1

TABLE 1 (Continued)

DIABETES MELLITUS

Total No. of caaes	.. .. .	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 live births</i>	<i>S. B</i>	<i>N.N.D</i>	<i>P.N.D</i>
20 & under	—	—	—	—	—	—	—
21 — 25	—	—	—	—	—	—	—
26 — 30	1	100	—	1	—	—	—
31 — 35	—	—	—	—	—	—	—
36 — 40	—	—	—	—	—	—	—
41 & over	—	—	—	—	—	—	—
Total	1	100	—	1	—	—	—

PARITY:—

Para 0	—	—	—	—	—	—	—
Para 1	—	—	—	—	—	—	—
Para 2 & over	1	100	—	1	—	—	—
Total	1	100	—	1	—	—	—

METHOD OF DELIVERY:—

L. S. C. S.	1	100	—	1	—	—	—
Total	1	100	—	1	—	—	—

TABLE 3

CARDIAC DISEASE

Total No. of cases	... ..	77
Booked	... ..	74
Non-booked	... ..	3
Primiparae	... ..	31
Multiparae	... ..	46
Incidence	... ..	1.44%
Total No. of babies	... ..	77
Multiple pregnancies	... ..	—
Maternal deaths	... ..	—
S.B.	... ..	—
N.N.D.	... ..	1 (1.30%)
P.N.D.	... ..	1 (1.30%)

ANATOMICAL LESIONS:—

A. Rheumatic heart disease	... ..	61
(a) Mitral lesion	... ..	56
(b) Mitral and aortic lesions	... ..	4
(c) Aortic lesion	... ..	1
B. Congenital heart disease	... ..	8
C. Others	... ..	8

CARDIAC DISEASE (Continued)

AGE GROUP:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
20 & under	7	9.09	—	7	—	—	—
21 — 25	22	28.57	—	22	—	1	1
26 -- 30	25	32.47	—	25	—	—	—
31 — 35	12	15.58	—	12	—	—	—
36 — 40	10	12.99	—	10	—	—	—
41 & over	1	1.30	—	1	—	—	—
Total	77	100	—	77	—	1	1

PARITY:—

Para 0	31	40.26	—	31	—	1	1
Para 1	14	18.18	—	14	—	—	—
Para 2 & over	32	41.56	—	32	—	—	—
Total	77	100	—	77	—	1	1

METHOD OF DELIVERY:—

Spontaneous... ..	42	54.55	—	42	—	—	—
Vacuum extraction	27	35.06	—	27	—	1	1
Forceps	1	1.30	—	1	—	—	—
Assisted breech	1	1.30	—	1	—	—	—
L. S. C. S.	6	7.79	—	6	—	—	—
Total	77	100	—	77	—	1	1

FUNCTIONAL GRADING:—

	<i>No. of cases</i>
Class I	49
Class II	25
Class III	3
Class IV	—
Deterioration during pregnancy	11
Post-valvotomy	3

TABLE 4

TOXAEMIA OF PREGNANCY

Total No. of cases	...	...	...	...	...	...	...	...	...	497
Incidence	...	...	...	...	...	...	...	...	...	9.29%
Total No. of babies	...	...	...	...	...	...	...	...	...	509
Multiple pregnancies	...	...	...	...	...	...	...	...	...	13*
Maternal deaths	...	...	...	...	...	...	...	...	...	2
S.B.	...	...	...	...	...	...	...	...	...	10 (1.96%)
N.N.D.	...	...	...	...	...	...	...	...	...	9 (1.80%)
P.N.D.	...	...	...	...	...	...	...	...	...	19 (3.73%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	434	87.32	436	6	6	12
Non-booked	63	12.63	63	4	3	7
Total	497	100	499	10	9	19

Type of Toxaemia:—

	<i>No. of cases</i>	<i>Percentage amongst toxaemia</i>
Pre-eclampsia	66	13.28
Eclampsia	3	.61
Unclassified toxaemia 'A'	352	70.82
Unclassified toxaemia 'B'	50	10.06
Recurrent toxaemia	22	4.43
Essential hypertension	4	.80
Chronic nephritis	—	—

Definition:—

Pre-eclampsia—B.P. 135/85 and over with oedema and/or albuminuria 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 130/90 mm. Hg.

* One of the 2nd twins was a foetus papyraceus.

TABLE 5

PRE-ECLAMPSIA

Total No. of cases	66
Mild	58
Severe	8
Incidence:—Overall	1.23%
Among toxæmia	13.28%
Total No. of babies	66
Multiple pregnancies	—
Maternal deaths	—
S.B.	—
N.N.D.	1 (1.52%)
P.N.D.	1 (1.52%)

BOOKED AND NON-BOOKED.—

	<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>
Booked	64	96.97	—	—	1	1
Non-booked	2	3.03	—	—	—	—
Total	66	100	—	—	1	1

AGE GROUP:—

20 & under	8	12.12	—	—	—	—
21 — 25	22	33.33	—	—	—	—
26 — 30	12	18.18	—	—	1	1
31 — 35	12	18.18	—	—	—	—
36 — 40	9	13.64	—	—	—	—
41 & over	3	4.55	—	—	—	—
Total	66	100	—	—	1	1

PRE - ECLAMPSIA (Continued)

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	47	71.21	—	—	1	1
Para 1	4	6.06	—	—	—	—
Para 2 & over... ..	15	22.73	—	—	—	—
Total	66	100	—	—	1	1

METHOD OF DELIVERY:—

Spontaneous	39	59.09	—	—	1	1
Vacuum extraction	10	15.15	—	—	—	—
Forceps	2	3.03	—	—	—	—
Breech	2	3.03	—	—	—	—
Caesarean section	13	19.70	—	—	—	—
Total	66	100	—	—	1	1

CLASSIFICATION:—

Mild — B.P. 135/85 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	33	—	1	1	3	—	—	—	—
(1) Spont. Vertex delivery	20	—	1	1	—	—	—	—	—
(2) Vacuum extraction	4	—	—	—	—	—	—	—	—
(3) Forceps	1	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	8	—	—	—	3	—	—	—	—
(5) C.S.	—	—	—	—	—	—	—	—	—
(B) Induced labour	14	—	—	—	—	—	—	—	—
(1) Spont. Vertex delivery	7	—	—	—	—	—	—	—	—
(2) Vacuum extraction	6	—	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	1	—	—	—	—	—	—	—	—
(5) C.S.	—	—	—	—	—	—	—	—	—
Total	47	—	1	1	3	—	—	—	—
MULTIPARAE									
(A) Spontaneous labour	15	—	—	—	3	—	—	—	—
(1) Spont. Vertex delivery	10	—	—	—	2	—	—	—	—
(2) Vacuum extraction	1	—	—	—	1	—	—	—	—
(3) Forceps	2	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	2	—	—	—	—	—	—	—	—
(5) C.S.	—	—	—	—	—	—	—	—	—
(B) Induced labour	4	—	—	—	2	—	—	—	—
(1) Spont. Vertex delivery	2	—	—	—	1	—	—	—	—
(2) Vacuum extraction	—	—	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—	—
(4) Assisted breech delivery	2	—	—	—	1	—	—	—	—
(5) C.S.	—	—	—	—	—	—	—	—	—
Total	19	—	—	—	14	—	—	—	—
GRAND TOTAL	66	—	1	1	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	48	—	1	1
Under 1,500	—	—	—	—
1,501 — 2,000	—	—	—	—
2,001 — 2,500	5	—	—	—
2,501 — 3,000	29	—	1	1
3,001 — 3,500	10	—	—	—
3,501 — 4,000	4	—	—	—
4,001 & over	—	—	—	—
(B) Induced labour	18	—	—	—
Under 1,500	—	—	—	—
1,501 — 2,000	—	—	—	—
2,001 — 2,500	1	—	—	—
2,501 — 3,000	10	—	—	—
3,001 — 3,500	6	—	—	—
3,501 — 4,000	1	—	—	—
4,001 & over	—	—	—	—
Total	66	—	1	1

INDICATIONS FOR C.S. :—

Elderly primigravidae	<i>No. of cases</i> 3
Intra-uterine infection and foetal distress	1
Foetal distress	3
Impending eclampsia	1
Uterine inertia	1
Contracted pelvis	1
C-P disproportion	1
Two previous L.S.C.S. and contracted pelvis	1
Kyphosis of spine and contracted pelvis	1
Total	13

TABLE 6

ECLAMPSIA

Total No. of cases	...	...	...	...	...	...	...	...	...	...	...	3
Incidence:—Overall	...	...	...	...	...	...	...	...	...	...	...	0.06%
Among toxæmia	...	...	...	...	...	...	...	...	...	...	...	0.61%
Total No. of babies	...	...	...	...	...	...	...	...	...	...	...	3
Multiple pregnancies	...	...	...	...	...	...	...	...	...	...	...	—
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 live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	—	—	—	—	—	—	—
Non-booked	3	100	—	3	—	—	—
Total	3	100	—	3	—	—	—

AGE GROUP:—

20 & under	2	66.67	—	2	—	—	—
21 — 25	1	33.33	—	1	—	—	—
26 — 30	—	—	—	—	—	—	—
31 — 35	—	—	—	—	—	—	—
36 — 40	—	—	—	—	—	—	—
41 & over	—	—	—	—	—	—	—
Total	3	100	—	3	—	—	—

PARITY:—

Para 0	3	100	—	3	—	—	—
Para 1	—	—	—	—	—	—	—
Para 2 & over	—	—	—	—	—	—	—
Total	3	100	—	3	—	—	—

METHOD OF DELIVERY:—

Spontaneous	1	33.33	—	1	—	—	—
Caesarean section	2	66.67	—	2	—	—	—
Total	3	100	—	3	—	—	—

TABLE 7

UNCLASSIFIED TOXAEMIA 'A'

Total No. of cases	...	...	...	...	...	...	...	...	...	352
Incidence:—Overall	...	...	...	...	...	...	...	...	...	6.58%
Among toxæmia	...	...	...	...	...	...	...	...	...	70.82%
Total No. of babies	...	...	...	...	...	...	...	...	...	362
Multiple pregnancies	...	...	...	...	...	...	...	...	...	11*
Maternal deaths	...	...	...	...	...	...	...	...	...	2(0.57%)
S.B.	...	...	...	...	...	...	...	...	...	6(1.66%)
N.N.D.	...	...	...	...	...	...	...	...	...	6(1.69%)
P.N.D.	...	...	...	...	...	...	...	...	...	12(3.31%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	309	87.78	1	314	3	4	7
Non-booked	43	12.22	1	42	3	2	5
Total	352	100	2	356	6	6	12

AGE GROUP:—

20 & under	49	13.92	—	49	1	—	1
21 — 25	86	24.43	—	88	—	—	—
26 — 30	65	18.47	1	67	1	—	1
31 — 35	71	20.17	1	73	—	5	5
36 — 40	64	18.18	—	64	2	—	2
41 & over	17	4.83	—	15	2	1	3
Total	352	100	2	356	6	6	12

PARITY:—

Para 0	183	51.99	1	183	2	2	4
Para 1	31	8.81	1	32	—	1	1
Para 2 & over	138	39.20	—	141	4	3	7
Total	352	100	2	356	6	6	12

* One of the 2nd twins was a foetus papyraceus.

UNCLASSIFIED TOXAEMIA 'A' (Continued)

METHOD OF DELIVERY AND FOETAL LOSS:-

Method of delivery	Booked				Non-booked			
	No of Babies	SB	NND	PND	No of Babies	SB	NND	PND
PRIMIPARAE								
(A) Spontaneous labour ...	130	2	2	4	9	—	—	—
(1) Spont. Vertex delivery	77	1	1	2	4	—	—	—
(2) Vacuum extraction...	30	—	—	—	3	—	—	—
(3) Forceps	3	—	—	—	1	—	—	—
(4) Breech delivery ...	5	—	—	—	—	—	—	—
(5) C.S.	15	1	1	2	1	—	—	—
(B) Induced labour	42	—	—	—	4	—	—	—
(1) Spont. Vertex delivery	28	—	—	—	—	—	—	—
(2) Vacuum extraction ..	5	—	—	—	3	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—
(4) Breech delivery ...	—	—	—	—	—	—	—	—
(5) C.S.	9	—	—	—	1	—	—	—
Total... ..	172	2	2	4	13	—	—	—
MULTIPARAE								
(A) Spontaneous labour ..	105	1	2	3	22	3	—	3
(1) Spont Vertex delivery	81	1	—	1	17	2	—	2
(2) Vacuum extraction...	9	—	2	2	1	—	—	—
(3) Forceps	1	—	—	—	—	—	—	—
(4) Breech delivery...	3	—	—	—	1	—	—	—
(5) C.S.	11	—	—	—	3	1	—	1
(B) Induced labour	41	—	1	1	9	—	1	1
(1) Spont. Vertex delivery	33	—	—	—	4	—	—	—
(2) Vacuum extraction...	3	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	1	—	1	1
(4) Breech delivery ...	1	—	—	—	—	—	—	—
(5) C.S.	4	—	1	1	4	—	—	—
Total	146	1	3	4	31	3	1	4
GRAND TOTAL	318	3	5	8	44	3	1	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... ..	266	6	4	10
Under 1,500	4	2	1	3
1,501—2,000	6	—	—	—
2,001—2,500	30	—	—	—
2,501—3,000	92	1	2	3
3,001—3,500	100	2	1	3
3,501—4,000	29	1	—	1
4,001 & over	5	—	—	—
Unknown	—	—	—	—
(B) Induced labour	96	—	2	2
Under 1,500	—	—	—	—
1,501—2,000	—	—	—	—
2,001—2,500	10	—	—	—
2,501—3,000	36	—	1	1
3,001—3,500	41	—	1	1
3,501—4,000	9	—	—	—
4,001 & over	—	—	—	—
Unknown	—	—	—	—
Total	362	6	6	12

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

	<i>No. of cases</i>
Contracted pelvis	14
Uterine inertia	4
Previous C.S.	4
C-P disproportion	4
Failed trial of labour	8
Antepartum haemorrhage	4
Maternal distress	2
Prolapse of cord	1
Failed induction	8
Foetal distress	1
Total:	50

TABLE 8

UNCLASSIFIED TOXAEMIA 'B'

Total No. of cases	...	...	...	...	...	...	...	...	...	50
Incidence:—Overall	...	...	...	...	...	...	...	...	...	0.94%
Among toxaemia	...	...	...	...	...	...	...	...	...	10.06%
Total No. of babies	...	...	...	...	...	...	...	...	...	51
Multiple pregnancies	...	...	...	...	...	...	...	...	...	1
Maternal deaths	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	4 (7.84%)
N.N.D.	...	...	...	...	...	...	...	...	...	2 (4.26%)
P.N.D.	...	...	...	...	...	...	...	...	...	6 (11.76%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No of live births	S.B.	N.N.D.	P.N.D.
Booked	33	76	—	55	3	—	3
Non-booked	12	24	—	12	1	2	3
Total	50	100	—	47	4	2	6

AGE GROUP:—

20 & under	3	6	—	4	—	2	2
21 — 25	11	22	—	10	1	—	1
26 — 30	7	14	—	7	—	—	1
31 — 35	8	16	—	7	1	—	1
36 — 40	18	36	—	16	2	—	2
41 & over	3	6	—	3	—	—	—
Total	50	100	—	47	4	2	6

PARITY:—

Para 0	22	44	—	19	4	2	6
Para 1	7	14	—	7	—	—	—
Para 2 & over	21	42	—	21	—	—	—
Total	50	100	—	47	4	2	6

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 ...	12	2	—	2	4	1	2	3
(1) Spont. Vertex delivery	9	2	—	2	4	1	2	3
(2) Vacuum extraction...	2	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—
(4) Breech delivery ...	—	—	—	—	—	—	—	—
(5) C.S.	1	—	—	—	—	—	—	—
(B) Induced labour	6	1	—	1	1	—	—	—
(1) Spont. Vertex delivery	5	1	—	1	—	—	—	—
(2) Vacuum extraction ...	1	—	—	—	1	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—
(4) Breech delivery ...	—	—	—	—	—	—	—	—
(5) C.S.	—	—	—	—	—	—	—	—
Total	18	3	—	3	5	1	2	3
MULTIPARAE								
(A) Spontaneous labour ...	17	—	—	—	7	—	—	—
(1) Spont. Vertex delivery	13	—	—	—	6	—	—	—
(2) Vacuum extraction ...	3	—	—	—	1	—	—	—
(3) Forceps	1	—	—	—	—	—	—	—
(4) Breech delivery ...	—	—	—	—	—	—	—	—
(5) C.S.	—	—	—	—	—	—	—	—
(B) Induced labour	3	—	—	—	1	—	—	—
(1) Spont. Vertex delivery	2	—	—	—	1	—	—	—
(2) Vacuum extraction ...	1	—	—	—	—	—	—	—
(3) Forceps	—	—	—	—	—	—	—	—
(4) Breech delivery ...	—	—	—	—	—	—	—	—
(5) C.S.	—	—	—	—	—	—	—	—
Total	20	—	—	—	8	—	—	—
GRAND TOTAL	38	3	—	3	13	1	2	3

UNCLASSIFIED TOXAEMIA 'B' (Continued)

BIRTH WEIGHT AND FOETAL LOSS:—

<i>Birth weight</i> (grams)		<i>No of</i> <i>babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
(A)	Spontaneous labour	40	3	2	5
	Under 1,500	4	2	2	4
	1,501—2,000	4	1	—	1
	2,001—2,500	4	—	—	—
	2,501—3,000	12	—	—	—
	3,001—3,500	14	—	—	—
	3,501—4,000	1	—	—	—
	4,001 & over	1	—	—	—
(B)	Induced labour	11	1	—	1
	Under 1,500	—	—	—	—
	1,501—2,000	1	1	—	1
	2,001—2,500	—	—	—	—
	2,501—3,000	5	—	—	—
	3,001—3,500	2	—	—	—
	3,501—4,000	3	—	—	—
	4,001 & over	—	—	—	—
	Total	51	4	2	6

INDICATIONS FOR C.S.:—

	<i>No. of cases</i>
Contracted pelvis and placenta praevia	1
Total	1

TABLE 9

RECURRENT TOXAEMIA

Total No. of cases	22
Booked	18
Non-booked	4
Primiparae	—
Multiparae	22
Incidence:—Overall	0.41%
Among toxæmia	4.43%
Total No. of babies	23
Multiple pregnancies	1
Maternal deaths	—
S.B.	—
N.N.D.	—
P.N.D.	—

TABLE 10

ESSENTIAL HYPERTENSION

Total No. of cases	4
Booked	4
Non-booked	—
Primiparae	2
Multiparae	2
Incidence :—Overall... ..	0.07%
Among toxæmia	0.80%
Total No. of babies	4
Multiple pregnancies	—
Maternal deaths	—
S.B.	—
N.N.D.	—
P.N.D.	—

TABLE 11

CHRONIC NEPHRITIS

Nil

TABLE 12

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

Total No. of cases	253
Incidence	4.72 %
Total No. of babies	255
Multiple pregnancies	8*
Maternal deaths	—
S.B.	3 (1.18%)
N.N.D.	6 (2.38%)
P.N.D.	9 (3.53%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	227	89.72	—	227	2	4	6
Non-booked	26	10.28	—	25	1	2	3
Total	253	100	—	252	3	6	9

SUMMARY OF LABOUR:—

	<i>No. of cases</i>
Labour lasting more than 24 hours	21

METHOD OF DELIVERY:—

Spontaneous delivery (face to pubes)	22
Vacuum extraction	78
Forceps	11
Caesarean section	144
Total	255

* There were only 10 babies in which presentations were P.O.T. or P.O.P.

TABLE 13

BREECH DELIVERIES

Total No. of cases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	222
Booked	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	201
Non-booked	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
Primiparae	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	93
Multiparae	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	129
Single pregnancies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	199
Multiple pregnancies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23*
Maternal deaths	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Total No. of babies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	225*
Incidence	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.17%
Caesarean section	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	78
Caesarean section rate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34.67%

* There were 22 sets of twin pregnancies and 1 set of triplets. In the twin pregnancies, there were only 2 sets of twins in which the presentations were breech:breech, and in the triplets, only the second and third babies' presentations were breech.

BREECH DELIVERIES (Continued)

UNCOMPLICATED BREECH DELIVERIES

Total No. of cases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	83
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 live births</i>	<i>S B</i>	<i>N.N.D</i>	<i>P.N.D.</i>
Booked ...	80	96.39	—	80	—	—	—
Non-booked ...	3	3.61	—	3	—	—	—
Total ...	83	100	—	83	—	—	—

METHOD OF DELIVERY, BIRTH WEIGHT AND FOETAL LOSS:—

<i>Method of delivery</i>	<i>Birth weight</i>	<i>2,501-3,500 gms.</i>				<i>3,501 gms. & over</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>
Assisted	43	—	—	—	7	—	—	—
Assisted with forceps for									
A.C.H.	27	—	—	—	4	—	—	—
C.S.	1	—	—	—	1	—	—	—
Total	71	—	—	—	12	—	—	—

Caesarean section rate 2.41%

BREECH DELIVERIES (Continued)

COMPLICATED BREECH DELIVERIES

Total No. of cases	139
Multiple pregnancies	23
Total No. of babies	142
Maternal deaths	—
S.B.	9 (6.34%)
N.N.D.	13 (9.77%)
P.N.D.	21 (14.79%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	121	87.05	—	114	7	7	13
Non-booked	18	12.95	—	19	2	6	8
Total	139	100	—	133	9	13	21

METHOD OF DELIVERY AND FOETAL RESULT:—

	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	12	5	2	7
Forceps for A.C.H.	20	2	1	3
Assisted	31	1	5	5
Extraction	4	—	1	1
C.S.	75	1	4	5
Total	142	9	13	21

Caesarean section rate 52.82%

ASSOCIATED COMPLICATIONS:—

	<i>No. of cases</i>
Prematurity	44
Contracted pelvis	42
C-P disproportion	1
Toxaemia	15
Labour following previous C.S.	5
Prolapse of cord	11
Multiple pregnancy	23
Placenta praevia	6
Accidental haemorrhage	1
A.P.H. of unknown origin	3
Uterine dysfunction	3

TABLE 14

TRANSVERSE AND OBLIQUE LIE
(in labour)

Total No. of cases	14
Incidence	0.26%
Total No. of babies	14*
Multiple pregnancies	3*
Maternal deaths	—
S.B.	2(14.29%)
N.N.D.	—
P.N.D.	2(14.29%)

BOOKED AND NON-BOOKED.—

	No. of cases	Per-centage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Booked	11	78.57	—	1	—	1
Non-booked	3	21.43	—	1	—	1
Total	14	100	—	2	—	2

MANAGEMENT AND FOETAL LOSS.—

Method of delivery	No. of babies	S.B.	N.N.D.	P.N.D.
Internal version & breech extraction	2	—	—	—
Assisted breech delivery	1	1	—	1
L.S.C.S.	9	1	—	1
C.C.S.	2	—	—	—
Total	14	2	—	2

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

Associated conditions	No. of cases	S.B.	N.N.D.	P.N.D.
Multiple pregnancy	3	1	—	1
Prematurity	5	2	—	2
Placenta praevia	1	1	—	1
A.P.H. of extra-placental cause	1	—	—	—
Prolapse of cord	1	—	—	—
Contracted pelvis	4	—	—	—
Toxaemia	1	—	—	—

* In these 3 sets of twins, only the presentations of the 2nd twins were transverse lie.

TABLE 15

FACE AND BROW PRESENTATION

Total No. of cases	...	...	...	...	...	...	...	...	...	13
Incidence	...	...	...	...	...	...	...	...	...	0.24%
Total No. of babies	...	...	...	...	...	...	...	...	...	13
Multiple pregnancies	...	...	...	...	...	...	...	...	...	1*
Maternal deaths	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	1 (7.69%)
N.N.D.	...	...	...	...	...	...	...	...	...	1 (8.33%)
P.N.D.	...	...	...	...	...	...	...	...	...	2 (15.38%)

BOOEKD AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked ...	8	61.54	—	7	1	1	2
Non-booked ...	5	38.46	—	5	—	—	—
Total ...	13	100	—	12	1	1	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>
Low forceps ...	2	—	1	1
C.S. ...	11	1	—	1
Total ...	13	1	1	2

ASSOCIATED CONDITIONS AND FOETAL LOSS:—

<i>Associated condutions</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Eclampsia ...	1	—	—	—
Contracted pelvis ...	2	—	—	—
C-P disproportion ...	1	—	—	—
Postmaturity ...	3	1	1	2
Total ...	7	1	1	2

* Only the 1st twin was of brow presentation.

TABLE 16

COMPOUND PRESENTATION

Total No. of cases	...	...	...	...	...	...	...	...	...	...	2
Incidence	...	...	...	...	...	...	...	...	...	...	0.04%
Total No. of babies	...	...	...	...	...	...	...	...	...	...	2
Multiple pregnancies	...	...	...	...	...	...	...	...	...	...	—
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 live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	1	50	—	1	—	—	—
Non-booked	1	50	—	1	—	—	—
Total	2	100	—	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>
Spontaneous	1	—	—	—
Breech extraction	1	—	—	—
Total	2	—	—	—

ASSOCIATED CONDITIONS.—

	<i>No. of cases</i>
Accidental haemorrhage	1

TABLE 17

PROLAPSE AND PRESENTATION OF CORD

Total No. of cases	22
Incidence	0.41%
Total No. of babies	22
Multiple pregnancies	2*
Maternal deaths	—
S.B.	—
N.N.D.	2(9.09%)
P.N.D.	2(9.09%)

BOOKED AND NON-BOOKED.—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	16	72.73	—	16	—	1	1
Non-booked	6	27.27	—	6	—	1	1
Total	22	100	—	22	—	2	2

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	10	—	1	1
Breech	11	—	1	1
Transverse lie	1	—	—	—
Total	22	—	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>
Spontaneous	3	—	—	—
Vacuum extraction	2	—	—	—
Forceps	2	—	1	1
Breech extraction	2	—	1	1
Assisted breech	6	—	—	—
L.S.C.S.	7	—	—	—
Total	22	—	2	2

* Only one of the 1st twins and one of 2nd twins of these 2 sets of twin pregnancies had prolapse and presentation of cord.

TABLE 18

HYDRAMNIOS

Total No. of cases	9
Incidence	0.17%
Total No. of babies	9
Multiple pregnancies... ..	—
Maternal deaths	—
S.B.... ..	1 (11.11%)
N.N.D.	2 (25.00%)
P.N.D.	2 (22.22%)

ASSOCIATED FOETAL ABNORMALITIES:—

	<i>No. of cases</i>
Anomalies of gastro-intestinal tract	3
Anomalies of respiratory tract	1
Anomalies of genito-urinary tract	1

TABLE 19

PROLONGED LABOUR

(Labour lasting for more than 24 hours)

Total No. of cases	...	...	...	...	...	...	...	...	...	43
Primiparae	...	...	...	...	...	...	...	...	...	38
Multiparae	...	...	...	...	...	...	...	...	...	5
Incidence	...	...	...	...	...	...	...	...	...	0.80%
Total No. of babies	...	...	...	...	...	...	...	...	...	43
Multiple pregnancies	...	...	...	...	...	...	...	...	...	—
Maternal deaths	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	1 (2.33%)
N.N.D.	...	...	...	...	...	...	...	...	...	—
P.N.D.	...	...	...	...	...	...	...	...	...	1 (2.33%)

BOOKED AND NON-BOOKED.—

	No of cases	Per-centage	Maternal deaths	No of live births	S.B.	N.N.D.	P.N.D.
Booked	35	81.39	—	34	1	—	1
Non-booked	8	18.61	—	8	—	—	—
Total	43	100	—	42	1	—	1

AGE GROUP AND FOETAL LOSS.—

Age group (years)	No of cases	S.B.	N.N.D.	P.N.D.
20 & under	5	1	—	1
21 — 25	15	—	—	—
26 — 30	15	—	—	—
31 — 35	5	—	—	—
36 & over	3	—	—	—
Total	43	1	—	1

METHOD OF DELIVERY AND FOETAL LOSS.—

Method of delivery	No of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	2	—	—	—
Vacuum extraction	14	—	—	—
C.S.	27	1	—	1
Total	43	1	—	1

DURATION OF LABOUR AND OUTCOME.—

Duration of labour (hours)	No. of cases	S.B.	N.N.D.	P.N.D.
> 24	40	1	—	1
> 36	3	—	—	—
> 48	—	—	—	—
Total	43	1	—	1

TABLE 20

LABOUR FOLLOWING PREVIOUS CAESAREAN SECTION

Total No. of cases	154
Total No. of babies	156
Multiple pregnancies	2
Maternal deaths	—
S.B.	—
N.N.D.	2 (1.28%)
P.N.D.	2 (1.28%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	147	95.45	—	149	—	2	2
Non-booked	7	4.55	—	7	—	—	—
Total	154	100	—	156	—	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	63	—	2	2
Vacuum extraction	44	—	—	—
Forceps	4	—	—	—
Assisted breech	1	—	—	—
C. S.... ..	44	—	—	—
Total	156	—	2	2

TABLE 21

INDUCTION OF LABOUR

Total No. of cases	...	...	...	...	...	...	...	...	...	240
Incidence	...	...	...	...	...	...	...	...	...	4.49%
Total No. of babies	...	...	...	...	...	...	...	...	...	243
Multiple pregnancies	...	...	...	...	...	...	...	...	...	3
Maternal deaths	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	5 (2.06%)
N.N.D.	...	...	...	...	...	...	...	...	...	5 (2.10%)
P.N.D.	...	...	...	...	...	...	...	...	...	10 (4.12%)
Success rate	...	...	...	...	...	...	...	...	...	89.58%

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	216	90.00	—	218	5	4	9
Non-booked	24	10.00	—	25	—	1	1
Total	240	100	—	243	5	5	10

INDICATIONS:—

	<i>No. of cases</i>
Postmaturity (42 weeks or more)	63
Toxaemia of pregnancy	134
Contracted pelvis	2
Accidental haemorrhage	4
A.P.H. of unknown origin	5
Intra-uterine death	1
Prolonged leaking...	25
Scanty liquor	1
Meconium-stained liquor	3
Renal tuberculosis...	1
Bad obstetrical history	1

METHOD OF INDUCTION:—

Medical	24 (10.00%)
Surgical	204 (85.00%)
Combined medical and surgical	12 (5.00%)

INDUCTION OF LABOUR (Continued)

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	15	62.50	—	1	1	2
Para 1	6	25.00	—	—	—	—
Para 2 & over	3	12.50	—	2	—	2
Total	24	100	—	3	1	4

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	15	62.50	—	3	—	3
Forceps	2	8.33	—	—	1	1
L.S.C.S.	7	29.17	—	—	—	—
Total	24	100	—	3	1	4

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	100	49.02	—	1	1	2
Para 1	22	10.78	—	—	—	—
Para 2 & over	82	40.20	—	—	2	2
Total	204	100	—	1	3	4

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	143	69.41	—	1	1	2
Vacuum extraction	35	16.99	—	—	1	1
Forceps	2	0.97	—	—	1	1
Assisted breech	1	0.49	—	—	—	—
C.S.	25	12.14	—	—	—	—
Total	206	100	—	1	3	4

INDUCTION OF LABOUR (Continued)
COMBINED MEDICAL AND SURGICAL INDUCTIONS

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	3	25.00	—	1	—	1
Para 1	2	16.67	—	—	1	1
Para 2 & over	7	58.33	—	—	—	—
Total	12	100	—	1	1	2

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	4	33.34	—	1	—	1
Vacuum extraction ...	1	8.33	—	—	—	—
C.S.	7	58.33	—	—	1	1
Total	12	100	—	1	1	2

TABLE 22

VACUUM EXTRACTION

Total No. of cases	530
Incidence	9.83%
Total No. of babies	531
Multiple pregnancies	6*
Maternal deaths	—
S.B.	1 (0.19%)
N.N.D.	5 (0.94%)
P.N.D.	6 (1.13%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of live births	S.B.	N.N.D.	P.N.D.
Booked	502	94.71	—	503	—	5	5
Non-booked	28	5.29	—	27	1	—	1
Total	530	100	—	530	1	5	6

PARITY:—

Para 0	395	74.53	—	395	—	1	1
Para 1	68	12.83	—	68	—	—	—
Para 2 & over	67	12.64	—	67	1	—	1
Total	530	100	—	530	1	1	2

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

	No. of cases
Prolonged second stage	206
Foetal distress	316
P.O.P. and P.O.T.	78
Toxaemia	67
Contracted pelvis	40
Previous C.S.	44
Pulmonary tuberculosis	11
A.P.H.	8
Cardiac disease	25
Prolonged first stage (>24 hours)	14
Other medical diseases	5
Uterine inertia	16
Prolapse of cord	2

* In these 6 sets of twin pregnancies, only 7 babies were delivered by vacuum extraction.

TABLE 23

FORCEPS DELIVERY

Total No. of cases	...	...	...	...	...	...	...	...	...	...	111
Incidence	...	...	...	...	...	...	...	...	...	...	2.06%
Total No. of babies	...	...	...	...	...	...	...	...	...	...	114
Multiple pregnancies	...	...	...	...	...	...	...	...	...	...	14*
Maternal deaths	...	...	...	...	...	...	...	...	...	...	—
S.B.	...	...	...	...	...	...	...	...	...	...	2(1.75%)
N.N.D.	...	...	...	...	...	...	...	...	...	...	5(4.46%)
P.N.D.	...	...	...	...	...	...	...	...	...	...	7(6.14%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	100	90.09	—	101	2	2	4
Non-booked	11	9.91	—	11	—	3	3
Total	111	100	—	112	2	5	7

PARITY:—

Para 0	66	59.46	—	67	1	3	4
Para 1	16	14.41	—	16	1	—	1
Para 2 & over	29	26.13	—	29	—	2	2
Total	111	100	—	112	2	5	7

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>	P.N.D.
Low forceps	68	1	3	4	46	1	2	3
Mid forceps	—	—	—	—	—	—	—	—
Total	68	1	3	4	46	1	2	3

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

	<i>No. of babies</i>
A.C.H. of breech presentation	53
Toxaemia	14
Cardiac disease	2
Prolonged second stage	9
Failed vacuum extraction	3
Prolapse of cord	5
Labour following previous C.S.	4
A.P.H.	1
Maternal distress	1
Foetal distress	23
Elderly primigravidae	6

* Only 3 sets of twins were both delivered by forceps.

TABLE 24

VERSION IN LABOUR

Total No. of cases	...	...	...	...	...	...	...	...	...	...	2
Incidence	...	...	...	...	...	...	...	...	...	...	0.04%
Total No. of babies	...	...	...	...	...	...	...	...	...	...	2
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 live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	2	100	—	2	—	—	—
Non-booked	—	—	—	—	—	—	—
Total	2	100	—	2	—	—	—

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S B</i>	<i>N N D.</i>	<i>P N D.</i>
Breech extraction	2	100	—	2	—	—	—
Total	2	100	—	2	—	—	—

INDICATIONS FOR VERSION:—

	<i>No. of cases</i>
Transverse lie	1
Oblique lie	1

* Only the 2nd twin required version in labour.

TABLE 25

CAESAREAN SECTION

Total No. of cases	534
Incidence	9.94%
Total No. of babies	537
Multiple pregnancies... ..	5*
Maternal deaths... ..	2(0.37%)
S.B.	10(1.86%)
N.N.D.	10(1.90%)
P.N.D.	20(3.72%)

BOOKED AND NON-BOOKED.—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	462	86.51	1	458	6	5	11
Non-booked	72	13.49	1	69	4	5	9
Total	534	100	2	527	10	10	20

AGE GROUP:—

20 & under	38	7.12	—	37	1	—	1
21 — 25	111	20.79	—	111	1	3	4
26 — 30	149	27.90	1	149	2	—	2
31 — 35	120	22.47	1	119	1	2	3
36 — 40	88	16.48	—	84	4	2	6
41 & over	28	5.24	—	27	1	3	4
Total	534	100	2	527	10	10	20

PARITY:—

Para 0	260	48.69	1	259	2	3	5
Para 1	112	20.97	1	113	—	3	3
Para 2 & over	162	30.34	—	155	8	4	12
Total	534	100	2	527	10	10	20

* In these 5 sets of twins, only 8 babies were delivered by L.S.C.S.

CAESAREAN SECTION (Continued)

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

	<i>No. of cases</i>
Contracted pelvis	196
Foetal distress	138
Malpresentations P.O.P. or O.T.	144
Breech	78
Brow	2
Transverse lie	10
Face	9
Toxaemia of pregnancy	64
Accidental haemorrhage	19
Placenta praevia	40
A.P.H. of unknown origin	7
A.P.H. of extra-placental cause	4
Uterine dysfunction	47
C-P disproportion	57
Previous C.S.	52
Prolapse of cord	7
Prolonged 1st stage	24
Prolonged 2nd stage	3
Tumours associated with pregnancy	10
Congenital anomaly of genito-urinary tract	7
Diabetes mellitus and potential diabetes	4
Failed vacuum extraction	8
Failed trial of forceps	1
Failed trial of labour	89

FOETAL COMPLICATIONS:—

	<i>No. of cases</i>
Neonatal jaundice	33
Congenital abnormality	15
Neonatal infection	18
Atelectasis	1

TABLE 26

RUPTURE OF UTERUS

Total No. of cases	2
Incidence	0.04%
Multiple pregnancies	—
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 live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	2	100	—	2	—	—	—
Non-booked	—	—	—	—	—	—	—
Total	2	100	—	2	—	—	—

PARITY:—

Para 0	—	—	—	—	—	—	—
Para 1	2	100	—	2	—	—	—
Para 2 & over	—	—	—	—	—	—	—
Total	2	100	—	2	—	—	—

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	1	50	—	1	—	—	—
Caesarean hysterectomy	1	50	—	1	—	—	—
Total	2	100	—	2	—	—	—

TYPE:—

Incomplete rupture	2
---------------------------	---

CAUSES:—

Previous L.S.C.S. scar and labour	1
Previous L.S.C.S. scar and placenta praevia (anterior)	1

TABLE 27

CONTRACTED PELVIS

Total No. of cases	354
Incidence	6.55%
Total No. of babies	355
Multiple pregnancies... ..	1
Maternal deaths	1 (0.28%)
S.B.... ..	3 (0.85%)
N.N.D.	1 (0.28%)
P.N.D.	4 (1.13%)

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of live births	S.B.	NND	PND
Booked	331	93.50	1	330	2	1	3
Non-booked	23	6.50	—	22	1	—	1
Total	354	100	1	352	3	1	4

PARITY:—

	No. of cases	Per-centage	Maternal deaths	No. of live births	S.B.	NND	PND
Para 0	133	37.57	—	132	1	—	1
Para 1	97	27.40	1	98	—	1	1
Para 2 & over	124	35.03	—	122	2	—	2
Total	354	100	1	352	3	1	4

TYPE OF PELVIS:—

	No. of cases
Gynaecoid	166
Platypelloid	50
Anthropoid	15
Android	1
Mixed	8
Robert's pelvis	1
Unknown	108
Other deformed pelvis	5

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	29	—	—	—	80	—	—	—
Vacuum extraction	24	—	—	—	16	—	—	—
Low forceps	3	—	—	—	2	—	—	—
Assisted breech with torceps for A.C.H.	—	—	—	—	2	—	—	—
Breech extraction	—	—	—	—	2	—	—	—
C.S.	77	1	—	1	120	2	1	3
Total	133	1	—	1	222	2	1	3

TABLE 28

ANTEPARTUM HAEMORRHAGE

Total No. of cases	148
Incidence	2.77%
Total No. of babies	149
Multiple pregnancies	1
Maternal deaths... ..	—
S.B.	13 (8.72%)
N.N.D.	10 (7.35%)
P.N.D.	23 (15.44%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	S.B.	N.N.D.	P.N.D.
Booked	103	69.59	—	99	5	6	11
Non-booked... ..	45	30.41	—	37	8	4	12
Total	148	100	—	136	13	10	23

PARITY:—

Para 0	41	27.70	—	39	2	1	3
Para 1	20	13.52	—	20	—	2	2
Para 2 & over	87	58.78	—	77	11	7	18
Total	148	100	—	136	13	10	23

TYPE OF A.P.H.:—

Accidental haemorrhage... ..	43 (29.05%)
Placenta praevia	42 (28.33%)
A.P.H. of unknown origin	39 (26.35%)
A.P.H. due to extra-placental causes	24 (16.22%)

TABLE 29

ACCIDENTAL ANTEPARTUM HAEMORRHAGE

Total No. of cases	43
Incidence:—Overall	0.80%
Among A.P.H.	29.05%
Total No. of babies	44
Multiple pregnancies	1
Maternal deaths	—
S.B.	11 (25%)
N.N.D.	2 (6.06%)
P.N.D.	13 (29.55%)

CAUSES:—

Toxaemia	6
Unknown	37

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	21	48.84	—	18	4	1	5
Non-booked	22	51.16	—	15	7	1	8
Total	43	100	—	33	11	2	13

AGE GROUP:—

20 & under	2	4.65	—	1	1	—	1
21—25	6	13.96	—	4	2	1	3
26—30	8	18.60	—	8	—	—	—
31—35	5	11.63	—	4	1	—	1
36—40	17	39.53	—	14	4	1	5
41 & over	5	11.63	—	2	3	—	3
Total	43	100	—	33	11	2	13

PARTY:—

Para 0	7	16.28	—	5	2	—	2
Para 1	4	9.30	—	4	—	—	—
Para 2 & over	32	74.42	—	24	9	2	11
Total	43	100	—	33	11	2	13

ACCIDENTAL ANTEPARTUM HAEMORRHAGE
(Continued)

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous... ..	23	52.28	—	17	6	1	7
Vacuum extraction ...	1	2.27	—	1	—	—	—
Forceps	1	2.27	—	1	—	1	1
C. S.	19	43.18	—	14	5	—	5
Total	44	100	—	33	11	2	13

MANAGEMENT:—

	<i>No. of cases</i>
Conservative treatment (including transfusion and fibrinogen) ...	10
A.R.M.	14
Caesarean section	15
A.R.M. and Caesarean section	4

TABLE 30

PLACENTA PRAEVIA

Total No. of cases	42
Incidence:—Overall	0.79%
Among A.P.H.	28.38%
Total No. of babies	42
Multiple pregnancies	—
Maternal deaths	—
S.B.	2 (4.76%)
N.N.D.	6 (16.67%)
P.N.D.	8 (19.05%)

BOOKED AND NON-BOOKED:—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of live births</i>	<i>S B.</i>	<i>N N.D.</i>	<i>P N D</i>
Booked	30	71.43	—	29	1	3	4
Non-booked	12	28.57	—	11	1	3	4
Total	42	100	—	40	2	6	8

AGE GROUP.—

20 & under	—	—	—	—	—	—	—
21 — 25	9	21.43	—	8	1	2	3
26 — 30	7	16.67	—	7	—	—	—
31 — 35	6	14.29	—	5	1	1	2
36 — 40	15	35.71	—	15	—	1	1
41 & over	5	11.90	—	5	—	2	2
Total	42	100	—	40	2	6	8

PARITY:—

Para 0	11	26.19	—	11	—	—	—
Para 1	8	19.05	—	8	—	1	1
Para 2 & over	23	54.76	—	21	2	5	7
Total	42	100	—	40	2	6	8

PLACENTA PRAEVIA (Continued)

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	1	2.38	—	1	—	—	—
Assisted breech delivery	1	2.38	—	—	1	—	1
L.S.C.S.	37	88.10	—	36	1	4	5
C.C.S.	2	4.76	—	2	—	2	2
Caesarean hysterectomy	1	2.38	—	1	—	—	—
Total	42	100	—	40	2	6	8

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.	35	2	4	6
501 — 1,000 ml.	4	—	2	2
1,001 — 1,500 ml.	1	—	—	—
1,501 — 2,000 ml.	1	—	—	—
2,001 — 2,500 ml.	1	—	—	—
2,501 — 3,000 ml.	—	—	—	—
3,001 — over ml.	—	—	—	—
Total	42	2	6	8

TREATMENT:—

	<i>No. of cases</i>
Nil	6
A. R. M.	1
C. S.	33
A.R.M., then C.S.	1
Caesarean hysterectomy	1

TABLE 31

A.P.H. OF UNKNOWN ORIGIN

Total No. of cases	39
Incidence:—Overall	0.73%
Among A.P.H.	26.35%
Total No. of babies	39
Multiple pregnancies	—
Maternal deaths	—
S.B.	—
N.N.D.	1 (2.56%)
P.N.D.	1 (2.56%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	31	79.49	—	31	—	1	1
Non-booked	8	20.51	—	8	—	—	—
Total	39	100	—	39	—	1	1

PARITY:—

Para 0	11	28.21	—	11	—	—	—
Para 1	7	17.95	—	7	—	1	1
Para 2 & over	21	53.84	—	21	—	—	—
Total	39	100	—	39	—	1	1

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous... ..	26	66.67	—	26	—	1	1
Vacuum extraction	5	12.82	—	5	—	—	—
Assisted breech	1	2.56	—	1	—	—	—
L.S.C.S.... ..	7	17.95	—	7	—	—	—
Total	39	100	—	39	—	1	1

A.P.H. OF UNKNOWN ORIGIN (Continued)

MANAGEMENT:—

No interference	23
A.R.M.	14
L.S.C.S.	1
A.R.M., then C.S.	1

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

Elderly primigravida	1
Contracted pelvis	1
C-P disproportion	1
Foetal distress	2
Breech presentation	1
T.B. sacro-iliac joints	1

CAUSES OF FOETAL LOSS:—

Prematurity	1
--------------------	---

TABLE 33

POSTPARTUM HAEMORRHAGE (500 ml. or more)

Total No. of cases	78
Incidence	1.46%
Total No. of babies	75*
Multiple pregnancies	3
Maternal deaths	—

BOOKED AND NON-BOOKED:—

	No. of cases	Per-centage	Maternal deaths	No. of live births	S. B.	N.N.D.	P.N.D.
Booked	63	80.77	—	65	—	1	1
Non-booked	15	19.23	—	9	1	3	4
Total	78	100	—	74	1	4	5

AGE GROUP:—

20 & under	11	14.10	—	11	—	2	2
21 — 25	20	25.64	—	20	—	1	1
26 — 30	21	26.93	—	19	—	—	—
31 — 35	15	19.23	—	14	—	1	1
36 — 40	7	8.97	—	6	1	—	1
41 & over	4	5.13	—	4	—	—	—
Total	78	100	—	74	1	4	5

PARITY:—

Para 0	39	50.00	—	41	—	2	2
Para 1	14	17.95	—	10	—	1	1
Para 2 & over	25	32.05	—	23	1	1	2
Total	78	100	—	74	1	4	5

METHOD OF DELIVERY:—

	No. of babies	Per-centage	Maternal deaths	No. of live births	S.B.	N.N.D.	P.N.D.
Spontaneous	56	74.66	—	55	1	3	4
Vacuum extraction	14	18.67	—	14	—	—	—
Forceps	2	2.67	—	2	—	1	1
Caesarean section	3	4.00	—	3	—	—	—
Total	75	100	—	74	1	4	5

* In the 9 B.B.A. cases, only 3 babies were admitted into hospital.

POSTPARTUM HAEMORRHAGE (500 ml. or more)

(Continued)

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

	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Uterine atony	15	16	31
Genital tract laceration	9	—	9
Adherent placenta	1	10	11
Retained products of conception ...	7	6	13
Ruptured uterus	—	2	2
Hypofibrinogenaemia	1	1	2
Retained placenta	3	4	7
Others	6	3	9
Total	42	42	84

AMOUNT OF BLOOD LOSS:—

<i>Millilitres</i>	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
0 — 500	24	18	42
501 — 1,000	13	15	28
1,001 — 1,500	2	3	5
1,501 — 2,000	—	3	3
2,001 — 2,500	—	—	—
2,501 — 3,000	—	—	—
3,001 & over	—	—	—
Total	39	39	78

TREATMENT:—

	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Conservative (Ergometrine, Syntocinon drip)... ..	34	39	73
Blood transfusion	13	19	32
Fibrinogen	1	1	2
Repair of laceration	6	1	7
Manual removal of placenta or cotyledon	2	9	11
Evacuation of uterus	14	5	19
Hysterectomy	1	2	3

TABLE 34

MANUAL REMOVAL OF PLACENTA

Total No. of cases	64
Incidence	1.87%
Total No. of babies	56*
Multiple pregnancies	—
Maternal deaths	—

BOOKED AND NON-BOOKED.—

	<i>No of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No of live births</i>	<i>S B</i>	<i>N N D</i>	<i>P N D.</i>
Booked	45	70.31	—	44	—	1	1
Non-booked	19	29.69	—	12	—	2	2
Total	64	100	—	56	—	3	3

AGE GROUP.—

20 & under	9	14.06	—	8	—	—	—
21 — 25	12	18.75	—	11	—	1	1
26 — 30	16	25.00	—	13	—	1	1
31 — 35	21	32.81	—	18	—	1	1
36 — 40	5	7.82	—	5	—	—	—
41 & over	1	1.56	—	1	—	—	—
Total	64	100	—	56	—	3	3

PARITY:—

Para 0	18	28.13	—	18	—	—	—
Para 1	15	23.44	—	9	—	1	1
Para 2 & over	31	48.43	—	29	—	2	2
Total	64	100	—	56	—	3	3

INDICATIONS:—

	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Retained placenta	2	6	8
Adherent placenta	16	40	56
Total	18	46	64

* In 15 B.B.A. cases, only 7 babies were admitted.

MANUAL REMOVAL OF PLACENTA (Continued)

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	51	91.07	—	51	—	3	3
Vacuum extraction ...	2	3.57	—	2	—	—	—
Forceps	2	3.57	—	2	—	—	—
Assisted breech	1	1.79	—	1	—	—	—
Total	56	100	—	56	—	3	3

Postpartum haemorrhage 14 cases (22.95%)

DURATION OF LABOUR:—

	<i>No. of cases</i>
Second stage over 1 hour	1
Third stage over 1 hour	12

TABLE 35

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

Total No. of cases	27
Incidence	0.51%
Total No. of babies	27
Multiple pregnancies	—
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 live births</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	27	100	—	27	—	—	—
Non-booked	—	—	—	—	—	—	—
Total	27	100	—	27	—	—	—

PARITY:—

Para 0	9	33.33	—	9	—	—	—
Para 1	5	18.52	—	5	—	—	—
Para 2 & over	13	48.15	—	13	—	—	—
Total	27	100	—	27	—	—	—

TYPE OF TUMOUR:—

Ovarian cyst	8
Parovarian cyst	4
Uterine fibromyoma	15

METHOD OF DELIVERY:—

Spontaneous	12
Vacuum extraction	1
Forceps	2
Assisted breech	1
L.S.C.S.	11

TABLE 36

MULTIPLE PREGNANCY

Number of cases 53

TWIN PREGNANCY

Total No. of cases	...	...	...	...	...	...	...	...	...	52
Incidence of twin pregnancy	...	...	...	...	...	...	...	...	...	0.97%
Total No. of babies	...	...	...	...	...	...	...	...	...	102*
Maternal deaths	...	...	...	...	...	...	...	...	...	—
Binovular	...	...	...	...	...	...	...	...	...	32
Uniovular	...	...	...	...	...	...	...	...	...	19
Unknown	...	...	...	...	...	...	...	...	...	1

FOETAL MORTALITY:—

				<i>First Twin</i>	<i>Second Twin</i>	<i>Total</i>
S.B.	...	...	...	4	2	6(5.88%)
N.N.D.	...	...	...	3	6	9(9.38%)
P.N.D.	...	...	...	7	8	15(14.71%)

BOOKED AND NON-BOOKED:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S. B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Booked	44	84.62	—	82	5	6	11
Non-booked	8	15.38	—	14	1	3	4
Total	52	100	—	96	6	9	15

AGE GROUP:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S. B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
20 & under	7	13.46	—	12	2	4	6
21 — 25	11	21.15	—	22	—	—	—
26 — 30	20	38.46	—	36	3	3	6
31 — 35	5	9.62	—	10	—	1	1
36 — 40	9	17.31	—	16	1	1	2
41 & over	—	—	—	—	—	—	—
Total	52	100	—	96	6	9	15

PARITY:—

	<i>No. of cases</i>	<i>Per-centage</i>	<i>Maternal deaths</i>	<i>No. of live births</i>	<i>S. B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Para 0	18	34.61	—	32	4	4	8
Para 1	9	17.31	—	17	1	1	2
Para 2 & over	25	48.08	—	47	1	4	5
Total	52	100	—	96	6	9	15

* One of the 1st twins was born before arrival and not admitted and one of the 2nd twins was a foetus papyraceus.

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 1,000	1	1	100	1	1	100	1	1	100
1,001 — 1,500	6	4	66.67	6	3	50	6	3	50
1,501 — 2,000	6	—	—	6	1	1.67	6	1	1.67
2,001 — 2,500	22	1	4.55	24	2	8.33	24	2	8.33
2,501 — 3,000	15	1	6.67	12	1	8.33	12	1	8.33
3,001 — 3,500	1	—	—	2	—	—	2	—	—
3,501 — 4,000	—	—	—	—	—	—	—	—	—
4,001 & over	—	—	—	—	—	—	—	—	—
Total	51	7	13.72	51	8	15.69	51	8	15.69

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	31	7	22.58	25	6	24	25	6	24
Vacuum extraction	4	—	—	3	—	—	3	—	—
Low forceps	5	—	—	5	—	—	5	—	—
Assisted breech	5	—	—	11	1	9.10	11	1	9.10
Breech extraction	3	—	—	1	—	—	1	—	—
Internal version & breech extraction	—	—	—	1	—	—	1	—	—
C.S.	3	—	—	5	1	20	5	1	20
Total	51	7	13.72	51	8	15.69	51	8	15.69

PRESENTATION:—

Vertex — Vertex	26
Vertex — Breech	12
Breech — Vertex	8
Breech — Breech	2
Vertex — Transverse	3
Vertex — Unknown (Foetus papyraceus)	1

MULTIPLE PREGNANCY (Continued)

PRESENTATION AND FOETAL LOSS.—

<i>Presentation</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	40	5	12.50	34	5	14.71
Breech	10	2	20.00	14	3	21.43
Brow	1	—	—	—	—	—
Transverse lie	—	—	—	3	—	—
Total	51	7	13.73	51	8	15.69

INDICATIONS FOR C.S.:—

Toxaemia of pregnancy	1
Contracted pelvis	1
Brow presentation	1
Transverse lie	2

MATERNAL COMPLICATIONS:—

Anaemia	24
Toxaemia	13
Urinary infection during pregnancy	2
Contracted pelvis	1
Labour following previous C.S	2
Accidental haemorrhage	1
Postpartum haemorrhage	3

TRIPLETS

Non-booked case Serial No. 5215/67 Age: 35 Gravida 7 Para 5

This patient was referred to this hospital by a Government Maternity Home at the maturity of 30 weeks with the radiological diagnosis of triplet pregnancy. There was no evidence of anaemia nor toxaemia on admission.

Despite bed rest in hospital, she went into spontaneous labour at the maturity of 32 weeks. Progress of labour was normal and all three babies were delivered vaginally and alive.

1st Baby	Vx. L.O.A.	Spontaneous	1610 gms.	}Uniovular
2nd Baby	Br. L.S.A.	Assisted Breech	1650 gms.	
3rd Baby	Br. L.S.A.	Assisted Breech	1610 gms.	

The third stage and the puerperium was uneventful and the patient was discharged well 10 days after delivery.

All 3 premature babies were discharged well 2 months after delivery weighing 2948 gms, 3033 gms. and 2948 gms. respectively.

TABLE 37

PUERPERAL PYREXIA

Total No. of cases	332
Incidence	6.21%

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

Genital in origin	42(12.21%)
Urinary in origin	94(27.33%)
Combined genital and urinary origin	55(15.99%)
Others	82(23.84%)
Unknown origin	71(20.63%)

PUERPERAL PYREXIA (GENITAL)

Total No. of cases	97
Booked	81
Non-booked	16
Primiparae	58
Multiparae	39
Incidence:— Overall	1.81%
Among puerperal pyrexia	28.20%
Multiple pregnancies	3
Maternal deaths	—

METHOD OF DELIVERY:—

Spontaneous	47
Vacuum extraction	11
Low forceps	3
Assisted breech	2
Caesarean section	37
Total No. of babies	100

PUERPERAL PYREXIA (EXTRA-GENITAL)

Total No. of cases	293
Booked	256
Non-booked	37
Primiparae	152
Multiparae	141
Incidence:— Overall	5.48%
Among puerperal pyrexia	85.18%
Multiple pregnancies	8
Maternal deaths	—

DETAILS OF MATERNAL DEATHS

1. Non-booked case Serial No. 1935/67 Age: 34 Gravida 1 Para 0

This patient who gave a history of having disseminated lupus erythematosus treated with steroids for 3 years was referred by the medical unit for admission at 27 weeks gestation. On examination after admission proteinuria, hypertension with blood pressure 170/120 mm. Hg. and a grade IV fundi were found. The X-ray of chest showed an enlarged heart with clear lung fields. The blood urea was 64 mg % and E.S.R. 38 mm./hr. The pregnant uterus was clinically 2 weeks smaller than the period of gestation but foetal heart was audible.

Her condition deteriorated despite treatment with steroids, hypotensive drugs and diuretics. One week after admission, the blood urea rose to 152 mg.% and termination of pregnancy was decided. At the maturity of 28 weeks, elective L.S.C.S. was performed and a live, male baby weighing 1176 gms. was delivered. Patient stood the operation well but hypertension and proteinuria persisted. On the 3rd post-operative day, she suddenly complained of severe headache which was soon followed by coma with dilated pupils and bradycardia and death occurred within 2 hours.

Permission for autopsy could not be obtained.

Diagnosis: Disseminated lupus erythematosus.

Cause of death: Cerebral vascular accident.

2. Booked case Serial No. 2163/67 Age: 26 Gravida 2 Para 1

This patient had a L.S.C.S. for breech presentation with a contracted pelvis 2 years previously. She was booked at 22 weeks gestation and subsequently seen at 27 weeks and 31 weeks. During the last visit, she was found to have a blood pressure of 140/90 mm. Hg with ankle oedema and was admitted for treatment.

Examination on admission revealed the "pregnant uterus" to be 2 weeks larger than the period of gestation with unduly bulging hypogastrium. The foetal parts were easily palpable in the upper part of the abdomen. There was no history of any antepartum haemorrhage. X-ray of abdomen together with a cystogram showed a single foetus of corresponding maturity and a normal bladder shadow. The foetal head was palpable in the anterior fornix. A weakness of the lower segment scar was diagnosed clinically. She responded well to treatment for toxæmia with diuretics as well as bed rest and remained normotensive.

At maturity of 36 weeks, she apparently went into spontaneous labour and laparotomy was performed. At operation, an advanced ectopic pregnancy was found. A live female baby weighing 1956 gms. was delivered without difficulty from the gestational sac. There was profuse bleeding from the placental site which spread over the entire pelvis. Subtotal hysterectomy and ligation of both internal iliac arteries were performed. Patient went into shock due to haemorrhage and was resuscitated with 5 pints of blood transfusion. However, she developed recurrent episodes of cardiac arrest despite internal and external cardiac massage and died 1 hour after the operation.

Permission for autopsy could not be obtained.

Diagnosis: Advanced ectopic pregnancy.

Cause of death: Haemorrhage, shock and cardiac arrest.

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.			
...	52 (6)	9.63	59 (9)	11.03	108 (15)	20.00			
Booked	41 (5)		43 (6)		81 (11)				
Non-booked	11 (1)		16 (3)		27 (4)				
Primiparae...	18 (5)		23 (5)		41 (10)				
Multiparae...	34 (1)		36 (4)		67 (5)				

CAUSES	S. B.			N. N. D.			P. N. D.		
	No. of babies	Incidence	No. of babies	Incidence	No. of babies	Incidence	Non-booked	Primiparae	Multiparae
1. Unknown	15	28.85%	11	18.64%	25	22	3	8	17
Mature	8		—		8	7	1	2	6
Premature...	7		11		17	15	2	6	11
2. Birth trauma	9	17.31%	10	16.95%	19	14	5	10	9
Cord accident	5		5		10	9	1	7	3
Acute asphyxia	3		2		5	2	3	1	4
Intracranial haemorrhage	1		3		4	3	1	2	2
3. Toxaemia	7	13.46%	3	5.08%	10	8	2	8	2
Unclassified toxaemia 'A'	4		1		5	5	—	3	2
Unclassified toxaemia 'B'	3		2		5	3	2	5	—

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	Incidence	No. of babies	Incidence		
4. A. P. H.	12	23.08%	5	8.47%	17	9	8	2	15	15.74%
Accidental haemorrhage	10		1		11	7	4	2	9	
Placenta praevia	2		4		6	2	4	—	6	
5. Foetal abnormalities	7	13.46%	10	16.95%	16	13	3	6	10	14.81%
Multiple anomalies	3		1		4	2	2	1	3	
Anencephaly	3		2		5	5	—	1	4	
Oesophageal atresia	—		2		2	1	1	1	1	
Choanal atresia	—		1		—	—	—	—	—	
Imperforate anus	—		1		1	1	—	—	1	
Diaphragmatic hernia	—		1		1	1	—	1	—	
Anterior mediastinal cyst	—		1		1	1	—	1	—	
Polycystic kidneys	—		1		1	1	—	1	—	
Hydronephrosis	1		—		1	1	—	—	1	
6. Miscellaneous	2	3.85%	20	23.90%	21	15	6	6	15	19.44%
Atelectasis of lungs	—		5		5	4	1	2	3	
Hyaline membranes disease	—		7		7	4	3	2	5	
Intra-uterine infection	1		—		1	1	—	—	1	
Bronchopneumonia	—		1		—	—	—	—	—	
Peritonitis	—		1		1	1	—	—	1	
Hydrops foetalis	—		1		1	1	1	—	1	
Pulmonary haemorrhage	—		1		1	1	—	—	1	
Scleroderma	—		1		1	—	1	—	1	
Endocardio-fibroelastosis	—		1		1	1	—	1	—	
MATERNAL DISEASES										
Recurrent pyogenic cholangitis (Hepatic coma)	1		—		1	1	—	—	1	
Disseminated lupus erythematosus	—		1		1	1	—	1	—	
Naso-pharyngeal carcinoma	—		1		1	1	—	—	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		6	4	10
1,001 — 1,500		11	16	26
1,501 — 2,000		4	11	14
2,001 — 2,500		7	9	15
2,501 — 3,000		9	10	19
3,001 — 3,500		12	9	21
3,501 — 4,000		2	—	2
4,001 — 4,500		1	—	1
Total		52	59	108

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		38	33	69
Vacuum extraction		1	5	6
Low forceps		—	4	4
Breech delivery		3	7	9
Caesarean section		10	10	20
Total		52	59	108

TABLE 39

PREMATURE LIVE-BORN INFANTS

Total No. of cases	...	...	...	...	...	...	...	...	...	503
Booked	...	...	...	...	...	...	...	...	...	440
Non-booked	...	...	...	...	...	...	...	...	...	63
Primiparae	...	...	...	...	...	...	...	...	...	266
Multiparae	...	...	...	...	...	...	...	...	...	237
Multiple pregnancies	...	...	...	...	...	...	...	(one twin)	13	
								(both twins)	27 sets	
								(triplets)	1 set	
Incidence (per 1,000 L.B.)	...	...	...	...	...	...	...	...	...	94.04
N.N.D.	...	...	...	...	...	...	...	...	...	40

CAUSES OF DEATH (More than 1 cause may be responsible):—

	<i>No. of cases</i>
Atelectasis	7
Hyaline membranes disease	7
Foetal malformations	6
Prematurity	16
A.P.H.	5
Toxaemia	2
Bronchopneumonia	1
Birth trauma	1
Cord accident	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.	44	19	431.82
32 — 33 wks.	26	8	307.69
34 — 35 wks.	76	2	26.32
36 — 37 wks.	94	4	42.55
38 — 39 wks.	131	3	22.90
40 — 41 wks.	80	1	12.50
42 wks. & over	21	1	47.61
Unknown	31	2	64.52

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	5	4	800.00
1,001 — 1,500	27	13	481.48
1,501 — 2,000	67	14	208.96
2,001 — 2,500	404	9	22.28

TABLE 40

CONGENITAL MALFORMATIONS

Total No. of cases	...	...	...	...	...	...	...	...	...	...	94
Booked	...	...	...	...	...	...	...	...	...	...	85
Non-booked	...	...	...	...	...	...	...	...	...	...	9
Incidence	...	...	...	...	...	...	...	...	...	...	17.40 per 1,000 L.B.& S.B.
Foetal mortality:—											
S.B.	...	...	...	...	...	...	...	...	...	...	7(7.45%)
N.N.D.	...	...	...	...	...	...	...	...	...	...	15(17.24%)
P.N.D.	...	...	...	...	...	...	...	...	...	...	20(21.28%)
Among live births	...	...	...	...	...	...	...	...	...	...	1.57%
Among stillbirths	...	...	...	...	...	...	...	...	...	...	13.46%
Among premature live births	...	...	...	...	...	...	...	...	...	...	1.19%
Among neonatal deaths	...	...	...	...	...	...	...	...	...	...	25.42%

TYPE OF MALFORMATION:—

	<i>No. of cases</i>
Anomalies of central nervous system	5
Anomalies of limbs	15
Anomalies of lips and palate	10
Anomalies of skin	7
Anomalies of cardio-vascular system	11
Anomalies of genito-urinary tract	3
Anomalies of respiratory system	2
Anomalies of gastro-intestinal tract	9
Multiple anomalies	9
Others	23

TABLE 41

BIRTH TRAUMA

Total No. of cases	84
Incidence	15.55 per 1,000 L.B. & S.B.
Foetal result:—S.B.	1(1.19%)
N.N.D.	4(4.76%)
P.N.D.	5(5.95%)

METHOD OF DELIVERY:—

	<i>No. of babies</i>	<i>Percentage</i>
Spontaneous	36	42.86
Vacuum extraction	35	41.67
Low forceps	2	2.38
Assisted breech	6	7.14
Caesarean section	5	5.95

TYPE OF INJURY.—

	<i>No. of cases</i>
Cephalhaematoma	70
Tentorial tear	2
Subdural haematoma	2
Depressed fracture of skull	1
Cerebral symptoms	7
Fracture of other bones	2

TABLE 42

NEO-NATAL INFECTIONS

Total No. of cases	471
Incidence (per 1,000 L.B.)	88.05
N.N.D.	4
Neo-natal mortality rate	0.85%

TABLE 43

NEO-NATAL JAUNDICE

Total No. of cases... ..	610
Incidence (per 1,000 L.B.)	114.06
No. of cases with known cause... ..	181

<i>Cause</i>	<i>No. of cases</i>	<i>Exchange transfusion</i>	<i>N.N.D.</i>
A.B.O. incompatibility	102	46	—
Glucose-6-phosphate dehydrogenase deficiency	79	24	—
Unknown	429	74	—
Total	610	144	—

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 Pyelogram</i>
Jan.	376	2	17	62	—	4	1
Feb.	377	4	9	46	2	4	—
Mar.	355	4	12	55	3	1	—
Apr.	520	4	13	69	3	3	—
May	589	6	17	61	4	4	—
June	591	14	19	64	4	8	—
July	551	3	21	79	12	7	—
Aug.	511	9	13	89	13	10	—
Sept.	497	4	15	89	4	7	—
Oct.	487	8	16	67	4	9	—
Nov.	416	13	23	70	3	2	—
Dec.	404	2	13	54	2	3	—
Total	5,674	73	188	805	54	62	1

X17171575



S 610

Tsan Yuk Hospital.
Clinical report of ...
for the year ...

1967

