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CLINICAL REPORT
OF THE
TSAN YUK HOSPITAL
FOR THE YEAR
1978



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

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ABBREVIATIONS

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

DEFINITION

- Booked Case** - patient has had attended our Antenatal Clinic twice or more.
- Non-booked Case** - patient has had less than two visits to our Antenatal Clinic

MEDICAL STAFF OF THE TSAN YUK HOSPITAL (1978)

Obstetrician In Charge:

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

Lecturers:

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L.C.H. Tang M.B.,B.S.(H.K.)

Honorary Clinical Lecturers & Obstetricians & Gynaecologists:

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*Part-time

MEDICAL STAFF OF THE TSAN YUK HOSPITAL (1978)

(continued)

Consultant Anaesthetist:

Justin Chan M.B.,B.S., D.A.(Eng.); F.F.A.R.A.C.S.;
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Consultant Paediatrician:

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F.R.C.P.(Edin.); F.R.C.P.(Glas.); F.R.C.P.(Hon.)

Consultant Pathologist:

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Consultant Physician:

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Consultant Chest Physician:

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W.G.L. Allan M.B.,Ch.B.(Aberdeen); D.T.M.&H.(Lond.);
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Consultant Psychiatrist:

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F.R.C.P.(Edin.); F.R.C.Psych.; M.A.N.Z.C.P.;
F.A.P.A.

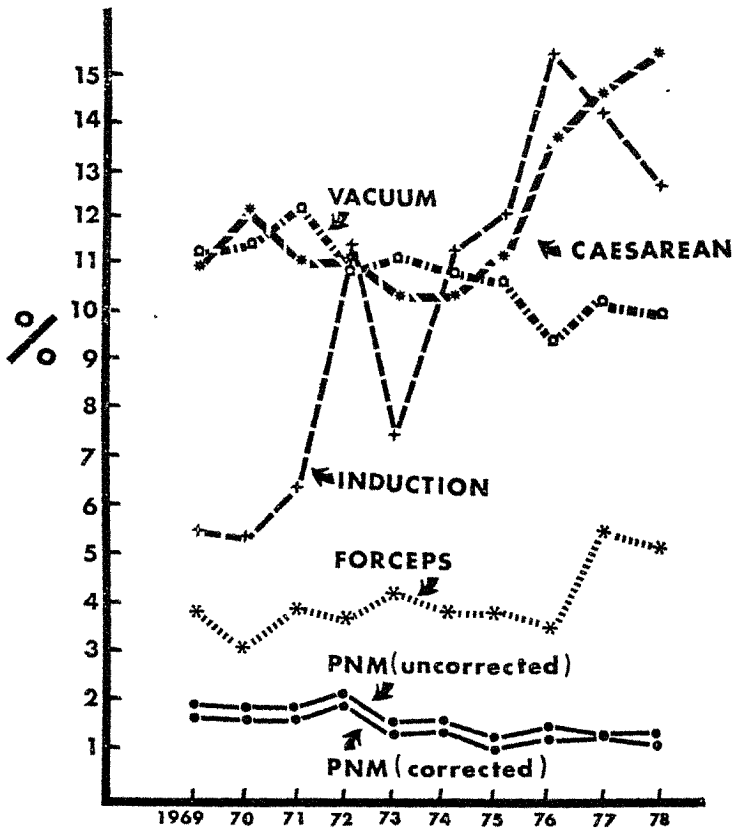
Consultant Radiologist:

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D.M.R.D.(Lond.); D.M.R.T.(Lond.);
F.F.R.(D. & T.); J.P.

Consultant Surgeon:

Prof. G.B. Ong O.B.E., M.D.(Shanghai); M.B.,B.S.(H.K.);
F.R.C.S.(Eng. and Edin.); F.A.C.S.; F.R.A.C.S.;
F.R.S.(Edin.); F.F.C.S.(Hon.); F.C.S.(S.A.)(Hon.);
F.R.C.P.S.(Glas.)(Hon.); F.R.C.S.(C)(Hon.); J.P.

INTERFERENCE RATES & PERINATAL MORTALITY (1969 - 1978)



COMPARATIVE STATISTICS -

	<u>1969</u>	<u>1970</u>	<u>1971</u>
Adult patients admitted	5,919	6,073	5,891
Patients delivered in hospital	5,700	5,851	5,519
Primiparae	2,478	2,478	2,255
Multiparae	3,222	3,373	3,264
Patients admitted after delivery	97	118	113
Primiparae	5	13	8
Multiparae	92	105	105
Total patients delivered	5,797	5,969	5,632
Abortion	44	42	35
Patients transferred	22	24	5
Patients discharged undelivered	78	62	224
Pre-eclampsia	89	57	60
Eclampsia	9	8	2
Accidental antepartum haemorrhage ...	37	51	42
Placenta praevia	49	49	39
Postpartum haemorrhage	87	103	103
Contracted pelvis	350	391	260
Vacuum extraction	641	680	678
Vacuum extraction rate per cent	11.05	11.39	12.04
Forceps delivery	217	170	212
Forceps delivery rate per cent	3.74	2.85	3.76
Caesarean section	637	723	620
Caesarean section rate per cent	10.99	12.11	11.01
Maternal deaths	-	2	-
(per 1000 cases admitted)	-	0.32	-
(per 1000 cases delivered)	-	0.33	-
Infants born in hospital	5,747	5,906	5,563
Infants born before admission	103	118	116
Total infants born	5,850	6,024	5,679
Infants transferred	22	-	-
Stillbirths (including macerated foetuses) 59		58	43
Stillbirth rate (per 1000 live and stillbirths)	10.11	9.64	7.58
Neo-natal deaths	56	52	59
Neo-natal death rate (per 1000 live births)	9.69	8.72	10.48
Perinatal deaths	109	106	95
Corrected perinatal mortality (excluding non-booked cases with IUD on admission)	96	98	88
Corrected perinatal mortality rate (per 1000 live and stillbirths)	16.49	16.28	15.51

1969 - 1978

<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
6,539	6,986	7,420	6,956	7,504	6,655	6,778
6,177	6,563	7,052	6,507	6,925	6,169	6,189
2,902	2,879	3,523	3,612	3,679	3,520	3,286
3,275	3,684	3,529	2,895	2,960	2,649	2,903
76	95	70	67	86	58	51
11	8	9	2	15	5	3
65	87	61	65	71	53	48
6,253	6,658	7,122	6,574	7,011	6,227	6,240
38	38	27	53	151	205	249
13	21	19	15	21	31	32
248	290	271	329	342	223	289
120	153	253	366	616	528	377
2	5	9	3	7	2	5
31	17	28	14	23	14	29
57	33	36	44	42	51	44
84	119	102	95	73	80	74
241	239	251	144	190	133	166
685	743	768	687	652	647	638
10.95	11.16	10.78	10.45	9.30	10.39	10.22
233	277	266	245	249	353	334
3.73	4.16	3.73	3.73	3.55	5.67	5.35
693	686	745	744	966	920	968
11.08	10.30	10.46	11.32	13.78	14.77	15.51
3	2	1	-	1	2	1
0.46	0.29	0.13	-	0.13	0.30	0.15
0.48	0.30	0.14	-	0.14	0.32	0.16
6,227	6,615	7,107	6,560	6,982	6,214	6,228
78	91	70	67	86	58	49
6,305	6,706	7,177	6,627	7,068	6,233	6,277
6	6	6	4	6	10	5
60	39	57	36	55	36	31
9.53	5.82	7.95	5.44	7.79	5.74	4.94
68	58	62	64	48	40	42
10.91	8.70	8.72	9.72	6.85	6.42	6.72
126	94	112	92	100	69	66
123	92	108	87	96	69	63
19.54	13.73	15.07	13.14	13.59	11.01	10.03

STATISTICAL SUMMARY

Adult patients admitted	6,778
Patients delivered in hospital	6,189
Booked	5,988
Primiparae (Twins: 16 sets)	3,245
(Triples: - sets)	
Multiparae (Twins: 22 sets)	2,743
(Triples: - sets)	
Non-booked	201
Primiparae (Twins: - sets)	41
(Triples: - sets)	
Multiparae (Twins: 1 sets)	160
(Triples: - sets)	
Patients admitted after delivery	51
Booked	26
Primiparae (Twins: - sets)	2
(Triples: - sets)	
Multiparae (Twins: - sets)	24
(Triples: - sets)	
Non-booked	25
Primiparae (Twins: - sets)	1
(Triples: - sets)	
Multiparae (Twins: - sets)	24
(Triples: - sets)	
Total No. of patients delivered	6,240
Booked	6,014
Primiparae (Twins: 16 sets)	3,247
(Triples: - sets)	
Multiparae (Twins: 22 sets)	2,767
(Triples: - sets)	
Non-booked	226
Primiparae (Twins: - sets)	42
(Triples: - sets)	
Multiparae (Twins: 1 sets)	184
(Triples: - sets)	
Patients who aborted	249
Patients discharged undelivered	289
Maternal deaths	1
Maternal death rate (per 1,000 cases admitted)	0.15
(per 1,000 cases delivered)	0.16
Total No. of multiple pregnancies	39
Total No. of infants born	6,277*
Total No. of infants born in hospital	6,228*
Total No. of infants born before admission	49
Total No. of live born infants	6,248**
Booked	6,027
Non-booked	221
Stillbirths	
Total	31
Booked	25
Non-booked	6

* Excluding 2 BBA infants who were not admitted

** Including 2 BBA infants who were not admitted

STATISTICAL SUMMARY (Continued)

Stillbirth rate (per 1,000 live and stillbirths)

Total	4.94
Booked	4.13
Non-booked	26.43

Neonatal deaths

Total	42
Booked	36
Non-booked	6

Neonatal death rate (per 1,000 live births)

Total	6.72
Booked	5.97
Non-booked	27.15

Perinatal deaths

Total	66
Booked	54
Non-booked	12

Perinatal death rate (per 1,000 live and stillbirths)

Total	10.51
Booked	8.92
Non-booked	52.86

* Corrected perinatal mortality (Excluding non-booked cases with I.U.D. on admission)

Total	63
Booked	54
Non-booked	9

Corrected perinatal mortality rate (per 1,000 live and stillbirths)

Total	10.03
Booked	8.92
Non-booked	39.65

Antenatal Clinic:-

Total visits	50,536
New patients	6,587
Re-attendances	43,949

Postnatal Clinic:-

Total visits	5,481
New patients	4,369
Re-attendances	1,112

* Excluding 3 IUD on admission.

TABLE 1

ASSOCIATED DISEASES

ANAEMIA

Total No. of cases	658
Booked	643
Non-booked	15
Primiparae	314
Multiparae	344
Incidence	10.54%

TYPE OF ANAEMIA :-

1. Iron deficiency anaemia	486
2. Thalassaemia major	1
3. Thalassaemia minor	19
4. Combined iron deficiency and Thalassaemia	2
5. Other haemoglobinopathy	3
6. Other haemolytic anaemia	0
7. Others	7
8. Unknown	140

URINARY TRACT INFECTIONS (Antenatal)

Total No. of cases	49
Incidence	0.78%

AGE GROUP:-

	No. of cases	Per-centage	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	5	10.21	5	-	-	-
21 - 25	24	48.98	24	1	-	1
26 - 30	14	28.57	14	-	-	-
31 - 35	6	12.24	6	1	-	1
36 - 40	-	-	-	-	-	-
41 & over	-	-	-	-	-	-
Total	49	100.00	49	2	-	2

PARITY:-

Para 0	28	57.14	28	1	-	1
Para 1	17	34.69	17	1	-	1
Para 2 & over	4	8.17	4	-	-	-
Total	49	100.00	49	2	-	2

TABLE 1 (Continued)
PULMONARY TUBERCULOSIS

	Active		
Total No. of cases	14		
Booked	14		
Non-booked	-		
Primiparae	7		
Multiparae	7		
Incidence	0.22 %		
S.B.		1	(7.14 %)
N.N.D.		-	
P.N.D.		1	(7.14 %)

TABLE 1 (Continued)

DIABETES MELLITUS

Total No. of cases	46*
Booked	45
Non-booked	1
Primiparae	18
Multiparae	28
Incidence	0.74 %
Maternal deaths	-
S. B.	1 (2.17%)
N. N. D.	-
P. N. D.	1 (2.17%)

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	-	-	-	-	-	-	-
21 - 25	16	34.78	-	16	-	-	-
26 - 30	17	36.96	-	17	-	-	-
31 - 35	11	23.92	-	11	1	-	1
36 - 40	1	2.17	-	1	-	-	-
41 & over	1	2.17	-	1	-	-	-
Total	46	100.00	-	46	1	-	1

PARITY:-

Para 0	18	39.13	-	18	-	-	-
Para 1	20	43.48	-	20	1	-	1
Para 2 & over	8	17.39	-	8	-	-	-
Total	46	100.00	-	46	1	-	1

METHOD OF DELIVERY:-

Spontaneous	19	41.30	-	19	1	-	1
Vacuum Extraction ..	4	8.70	-	4	-	-	-
Low forceps	2	4.35	-	2	-	-	-
L.S.C.S.	21	45.65	-	21	-	-	-
Total	46	100.00	-	46	1	-	1

* Including 4 cases of Potential Diabetes.

TABLE 1 (Continued)

THYROTOXICOSIS

No. of cases	15
Booked	14
Non-booked	1
Primiparae	7
Multiparae	8
Incidence	0.24 %
Maternal deaths	-
S. B.	1 (6.67 %)
N. N. D.	-
P. N. D.	1 (6.67 %)

TABLE 2

ABORTION

Total No. of cases	249
Booked	153
Non-booked	96
Primiparae	98
Multiparae	151
Incidence	3.84 %
Maternal deaths	-

Types of abortion:- .

Induced abortion	154
Spontaneous abortion	95

TABLE 3
CARDIAC DISEASE

Total No. of cases	82	
Booked	79	
Non-booked	3	
Primiparae	41	
Multiparae	41	
Incidence	1.31	%
Total No. of babies	83	
Multiple pregnancies	1	
Maternal deaths	-	
S. B.	1	(1.20 %)
N. N. D.	1	(1.22 %)
P. N. D.	2	(2.41 %)

ANATOMICAL LESIONS:-

A. Rheumatic heart disease	62
(a) Mitral lesion	56
(b) Mitral and aortic lesions	4
(c) Aortic lesion	2
B. Congenital heart disease	11
C. Others	9

CARDIAC DISEASE (Continued)

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	10	12.20	-	10	1	-	1
21 - 25	25	30.49	-	25	-	1	1
26 - 30	33	40.24	-	34	-	-	-
31 - 35	11	13.41	-	11	-	-	-
36 - 40	3	3.66	-	3	-	-	-
41 & over	-	-	-	-	-	-	-
Total	82	100.00	-	83	1	1	2

PARITY:-

Para 0	41	50.00	-	41	1	1	2
Para 1	27	32.93	-	27	-	-	-
Para 2 & over	14	17.07	-	15	-	-	-
Total	82	100.00	-	83	1	1	2

METHOD OF DELIVERY:-

Spontaneous	43	52.44	-	44	-	-	-
Vacuum extraction ..	12	14.64	-	12	-	-	-
Forceps	11	13.41	-	11	1	1	2
Assisted breech ...	1	1.22	-	1	-	-	-
L.S.C.S.	15	18.29	-	15	-	-	-
Total	82	100.00	-	83	1	1	2

FUNCTIONAL GRADING:-

	No. of cases
Class I	63
Class II	13
Class III	2
Class IV	4
Deterioration during pregnancy	8
Post-valvotomy	5

TABLE 4

TOXAEMIA OF PREGNANCY

Total No. of cases	602
Incidence	9.65 %
Total No. of babies	615
Multiple pregnancies	13
Maternal deaths	-
S.B.	5 (0.81 %)
N.N.D.	7 (1.15 %)
P.N.D.	10 (1.63 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	584	97.01	597	4	7	9
Non-booked	18	2.99	18	1	-	1
Total	602	100.00	615	5	7	10

Type of Toxaemia:-

	No. of cases	Percentage among toxaemia
Pre-eclampsia	377	62.62
Eclampsia	5	0.83
Unclassified toxaemia 'A'	157	26.08
Unclassified toxaemia 'B'	25	4.15
Recurrent toxaemia	32	5.32
Essential hypertension	5	0.83
Chronic nephritis	1	0.17

Definiation:-

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 which 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.

TABLE 5

PRE-ECLAMPSIA

Total No. of cases	377	
Mild	306	
Severe	71	
Incidence:- Overall	6.04	%
Among toxæmia	62.62	%
Total No. of babies	386	
Multiple pregnancies	9	
Maternal deaths	-	
S. B.	2	(0.52 %)
N. N. D.	6	(1.56 %)
P. N. D.	6	(1.55 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	372	98.67	-	381	2	6	6
Non-booked	5	1.33	-	5	-	-	-
Total	377	100.00	-	386	2	6	6

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	39	10.34	-	40	-	-	-
21 - 25	181	48.01	-	184	2	3	3
26 - 30	110	29.18	-	113	-	1	1
31 - 35	32	8.49	-	34	-	2	2
36 - 40	9	2.39	-	9	-	-	-
41 & over	6	1.59	-	6	-	-	-
Total	377	100.00	-	386	2	6	6

PRE-ECLAMPSIA (Continued)

PARITY:-

	No. of Cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	280	74.27	-	285	1	5	4
Para 1	54	14.32	-	56	1	-	1
Para 2 & over	43	11.41	-	45	-	1	1
Total	377	100.00	-	386	2	6	6

METHOD OF DELIVERY:-

Spontaneous	150	39.79	-	155	1	-	1
Vacuum extraction .	78	20.69	-	79	-	1	1
Forceps	39	10.34	-	42	-	2	2
Breech	3	0.80	-	3	1	-	1
E.L.S.C.S.	18	4.77	-	18	-	2	1
L.S.C.S.	89	23.61	-	89	-	1	-
Total	377	100.00	-	386	2	6	6

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 No. of babies	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	125	103	-	1	1	1	-	-	3	1
(1) Spont. Vertex delivery	40	38	-	-	-	-	-	-	-	-
(2) Spont. Breech delivery	-	-	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	37	31	-	1	1	-	-	-	-	-
(4) Forceps	16	11	-	-	-	-	-	-	-	-
(5) Assisted Breech delivery ..	2	2	-	-	-	-	-	-	2	1
(6) E.L.S.C.S.	4	2	-	-	-	-	-	-	1	-
(7) L.S.C.S.	26	19	-	-	-	-	-	-	7	1
(B) Induced labour	160	126	-	1	1	1	1	1	-	1
(1) Spont. Vertex delivery	53	46	-	-	-	-	-	-	7	-
(2) Spont. Breech delivery	-	-	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	35	28	-	-	-	-	-	-	-	-
(4) Forceps	23	15	-	1	1	-	-	-	-	-
(5) Assisted Breech delivery ..	1	-	-	-	-	-	1	1	-	1
(6) L.S.C.S.	48	37	-	-	-	-	-	-	11	-
Total	285	229	-	2	2	2	2	1	3	2
MULTIPARAE										
(A) Spontaneous labour	59	46	1	1	1	2	-	-	-	-
(1) Spont. Vertex delivery	28	25	1	-	-	1	-	-	-	-
(2) Spont. Breech delivery	-	-	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	5	5	-	-	-	-	-	-	-	-
(4) Forceps	2	1	-	1	1	-	-	-	-	-
(5) Assisted Breech delivery ..	-	-	-	-	-	-	-	-	-	-
(6) E.L.S.C.S.	14	9	-	-	-	-	-	-	5	-
(7) L.S.C.S.	10	6	-	-	-	-	-	-	4	-
(B) Induced labour	42	35	-	-	-	-	-	-	-	-
(1) Spont. Vertex delivery	34	28	-	-	-	-	-	-	6	-
(2) Spont. Breech delivery	-	-	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	2	2	-	-	-	-	-	-	-	-
(4) Forceps	1	1	-	-	-	-	-	-	-	-
(5) Assisted Breech delivery ..	-	-	-	-	-	-	-	-	-	-
(6) L.S.C.S.	5	4	-	-	-	-	-	-	1	-
Total	101	81	1	1	1	2	2	1	20	-
GRAND TOTAL	386	310	1	3	4	4	4	1	76	2

PRE-ECLAMPSIA (Continued)

BIRTH WEIGHT & FOETAL LOSS:-

	Birth weight (grams)	No. of babies	S.B.	N.N.D.	P.N.D.
(A)	Spontaneous labour	181	1	5	4
	Under 1,500	2	-	2	1
	1,501 - 2,000	12	1	1	1
	2,001 - 2,500	22	-	1	1
	2,501 - 3,000	64	-	1	1
	3,001 - 3,500	66	-	-	-
	3,501 - 4,000	14	-	-	-
	4,001 & over	1	-	-	-
(B)	Induced labour	205	1	1	2
	Under 1,500	2	1	-	1
	1,501 - 2,000	1	-	-	-
	2,001 - 2,500	26	-	1	1
	2,501 - 3,000	71	-	-	-
	3,001 - 3,500	79	-	-	-
	3,501 - 4,000	23	-	-	-
	4,001 & over	3	-	-	-
	Total	386	2	6	6

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

	No. of cases
Toxaemia	101
Foetal distress	31
Contracted pelvis	18
Uterine dysfunction	18
Malpresentations	16
Previous L.S.C.S.	15
Failed induction of labour	13
C-P disproportion	11
Unfavourable pelvis	6
Maternal distress	3
Placenta praevia	2
Elderly primigravidae	2
Accidental haemorrhage	2
A.P.H. of unknown origin	2
Failed trial of V.E.	1
Diabetes mellitus	1
Prolapse of cord	1
Other indications	18

Table 6

ECLAMPSIA

Total No. of cases	5	
Incidence:- Overall	0.08 %	
Among toxæmia	0.83 %	
Total No. of babies	5	
Multiple pregnancies	-	
Maternal deaths	-	
S. B.	-	(- %)
N. N. D.	1	(20 %)
P. N. D.	1	(20 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	5	100.00	-	5	-	1	1
Non-booked	-	-	-	-	-	-	-
Total	5	100.00	-	5	-	1	1

AGE GROUP:-

20 & under	4	80.00	-	4	-	-	-
21 - 25	1	20.00	-	1	-	1	1
26 - 30	-	-	-	-	-	-	-
31 - 35	-	-	-	-	-	-	-
36 - 40	-	-	-	-	-	-	-
41 & over	-	-	-	-	-	-	-
Total	5	100.00	-	5	-	1	1

PARITY:-

Para 0	5	100.00	-	5	-	1	1
Para 1	-	-	-	-	-	-	-
Para 2 & over	-	-	-	-	-	-	-
Total	5	100.00	-	5	-	1	1

METHOD OF DELIVERY:-

Spontaneous	1	20.00	-	1	-	-	-
Vacuum extraction ...	2	40.00	-	2	-	-	-
Low forceps	1	20.00	-	1	-	-	-
Cæsarean section ...	1	20.00	-	1	-	1	1
Total	5	100.00	-	5	-	1	1

Table 7

UNCLASSIFIED TOXAEMIA 'A'

Total No. of cases	157	
Incidence:- Overall	2.52 %	
Among toxæmia	26.08 %	
Total No. of babies	160	
Multiple pregnancies	3	
Maternal deaths	-	
S. B.	3	(1.88 %)
N. N. D.	-	(- %)
P. N. D.	3	(1.88 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	150	95.54	-	153	2	-	2
Non-booked	7	4.46	-	7	1	-	1
Total	157	100.00	-	160	3	-	3

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	30	19.11	-	30	-	-	-
21 - 25	49	31.21	-	49	1	-	1
26 - 30	48	30.57	-	49	1	-	1
31 - 35	12	7.64	-	14	-	-	-
36 - 40	16	10.19	-	16	1	-	1
41 & over	2	1.28	-	2	-	-	-
Total	157	100.00	-	160	3	-	3

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	85	54.14	-	86	1	-	1
Para 1	30	19.11	-	31	1	-	1
Para 2 & over ...	42	26.75	-	43	1	-	1
Total	157	100.00	-	160	3	-	3

UNCLASSIFIED TOXAEMIA 'A' (Continued)

METHOD OF DELIVERY AND FOETAL LOSS:-

METHOD OF DELIVERY	No. of babies	Booked			Non-booked			
		S.B.	N.N.D.	P.N.D.	No. of babies	S.B.	N.N.D.	P.N.D.
PRIMIPARAE								
(A) Spontaneous labour	39	-	-	-	1	-	-	-
(1) Spont. vertex delivery ..	21	-	-	-	-	-	-	-
(2) Spont. breech delivery ..	-	-	-	-	-	-	-	-
(3) Vacuum extraction	3	-	-	-	-	-	-	-
(4) Forceps	7	-	-	-	-	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) E.L.S.C.S.	3	-	-	-	-	-	-	-
(7) L.S.C.S.	5	-	-	-	1	-	-	-
(B) Induced labour	46	1	-	1	-	-	-	-
(1) Spont. vertex delivery ..	19	1	-	1	-	-	-	-
(2) Spont. breech delivery ..	-	-	-	-	-	-	-	-
(3) Vacuum extraction	9	-	-	-	-	-	-	-
(4) Forceps	5	-	-	-	-	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) L.S.C.S.	13	-	-	-	-	-	-	-
Total	85	1	-	1	1	-	-	-
MULTIPARAE								
(A) Spontaneous labour	45	1	-	1	4	1	-	1
(1) Spont. vertex delivery ..	34	-	-	-	2	-	-	-
(2) Spont. breech delivery ..	-	-	-	-	-	-	-	-
(3) Vacuum extraction	3	-	-	-	1	-	-	-
(4) Forceps	-	-	-	-	-	-	-	-
(5) Breech delivery	1	1	-	1	1	1	-	1
(6) E.L.S.C.S.	2	-	-	-	-	-	-	-
(7) L.S.C.S.	5	-	-	-	-	-	-	-
(B) Induced labour	23	-	-	-	2	-	-	-
(1) Spont. vertex delivery ..	21	-	-	-	2	-	-	-
(2) Spont. breech delivery ..	-	-	-	-	-	-	-	-
(3) Vacuum extraction	1	-	-	-	-	-	-	-
(4) Forceps	-	-	-	-	-	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) L.S.C.S.	1	-	-	-	-	-	-	-
Total	68	1	-	1	6	1	-	1
GRAND TOTAL	153	2	-	2	7	1	-	1

UNCLASSIFIED TOXAEMIA 'A' (Continued)

BIRTH WEIGHT AND FOETAL LOSS:-

	Birth weight (grams.)	No. of babies	S.B.	N.N.D.	P.N.D.
(A) Spontaneous labour	89	2	-	2
Under 1,500	1	1	-	1
1,501 - 2,000	2	-	-	-
2,001 - 2,500	7	-	-	-
2,501 - 3,000	33	1	-	1
3,001 - 3,500	35	-	-	-
3,501 - 4,000	9	-	-	-
4,001 & over	2	-	-	-
(B) Induced labour	71	1	-	1
Under 1,500	1	1	-	1
1,501 - 2,000	-	-	-	-
2,001 - 2,500	3	-	-	-
2,501 - 3,000	29	-	-	-
3,001 - 3,500	26	-	-	-
3,501 - 4,000	11	-	-	-
4,001 & over	1	-	-	-
Total	160	3	-	3

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

	No. of cases
Toxaemia	30
Malpresentations	8
Foetal distress	6
Failed induction	6
Contracted pelvis	5
Unfavourable pelvis	4
Previous C.S.	4
Failed trial of labour	2
Elderly primigravida	2
Uterine dysfunction	2
A.P.H. of unknown origin	2
C-P disproportion	1
Placenta praevia	1
Accidental haemorrhage	1
Malpositions: P.O.P. or P.O.T.	1
Failed trial of forceps	1
Diabetes mellitus	1
Other indications	5

Table 8

UNCLASSIFIED TOXAEMIA 'B'

Total No. of cases	25		
Incidence:- Overall	0.40	%	
Among toxæmia	4.15	%	
Total No. of babies	25		
Multiple pregnancies	-		
Maternal deaths	-		
S.E.	-	(- %)	
N.N.D.	-	(- %)	
P.N.D.	-	(- %)	

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	23	92.00	-	23	-	-	-
Non-booked	2	8.00	-	2	-	-	-
Total	25	100.00	-	25	-	-	-

AGE GROUP:-

20 & under	1	4.00	-	1	-	-	-
21 - 25	5	20.00	-	5	-	-	-
26 - 30	5	20.00	-	5	-	-	-
31 - 35	3	12.00	-	3	-	-	-
36 - 40	4	16.00	-	4	-	-	-
41 & over	7	28.00	-	7	-	-	-
Total	25	100.00	-	25	-	-	-

PARITY:-

Para 0	6	24.00	-	6	-	-	-
Para 1	3	12.00	-	3	-	-	-
Para 2 & over	16	64.00	-	16	-	-	-
Total	25	100.00	-	25	-	-	-

UNCLASSIFIED TOXAEMIA 'B' (Continued)

METHOD OF DELIVERY AND FOETAL LOSS:-

Method of delivery	No. of babies	Booked			Non-booked			
		S.B.	N.N.D.	P.N.D.	No. of babies	S.B.	N.N.D.	P.N.D.
PRIMIPARAE								
(A) Spontaneous labour	5	-	-	-	-	-	-	-
(1) Spont. Vertex delivery ...	1	-	-	-	-	-	-	-
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	1	-	-	-	-	-	-	-
(4) Forceps	-	-	-	-	-	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) E.L.S.C.S.	2	-	-	-	-	-	-	-
(7) L.S.C.S.	1	-	-	-	-	-	-	-
(B) Induced labour	1	-	-	-	-	-	-	-
(1) Spont. Vertex delivery ...	-	-	-	-	-	-	-	-
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	-	-	-	-	-	-	-	-
(4) Forceps	1	-	-	-	-	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) C. S.	-	-	-	-	-	-	-	-
Total	6	-	-	-	-	-	-	-
MULTIPARAE								
(A) Spontaneous labour	12	-	-	-	1	-	-	-
(1) Spont. Vertex delivery ...	8	-	-	-	1	-	-	-
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	-	-	-	-	-	-	-	-
(4) Forceps	-	-	-	-	-	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) E.L.S.C.S.	2	-	-	-	-	-	-	-
(7) L.S.C.S.	2	-	-	-	-	-	-	-
(B) Induced labour	5	-	-	-	1	-	-	-
(1) Spont. Vertex delivery ...	4	-	-	-	1	-	-	-
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	1	-	-	-	-	-	-	-
(4) Forceps	-	-	-	-	-	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) C. S.	-	-	-	-	-	-	-	-
Total	17	-	-	-	2	-	-	-
GRAND TOTAL	23	-	-	-	2	-	-	-

UNCLASSIFIED TOXAEMIA 'B' (Continued)

BIRTH WEIGHT AND FOETAL LOSS:-

	Birth weight (grams)	No. of babies	S.B.	N.N.D.	P.N.D.
(A) Spontaneous labour	18	-	-	-
Under 1,500	1	-	-	-
1,501 - 2,000	-	-	-	-
2,001 - 2,500	3	-	-	-
2,501 - 3,000	9	-	-	-
3,001 - 3,500	4	-	-	-
3,501 - 4,000	1	-	-	-
4,001 & over	-	-	-	-
(B) Induced labour	7	-	-	-
Under 1,500	-	-	-	-
1,501 - 2,000	-	-	-	-
2,001 - 2,500	1	-	-	-
2,501 - 3,000	1	-	-	-
3,001 - 3,500	3	-	-	-
3,501 - 4,000	2	-	-	-
4,001 & over	-	-	-	-
Total	25	-	-	-

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

	No. of cases.
Toxaemia	5
Foetal distress	2
Breech presentation	2
Previous C.S.	2
Elderly primigravida	1
Contracted pelvis	1
Unfavourable pelvis	1
Diabetes mellitus	1
Other indications	1

Table 9
RECURRENCE TOXAEMIA

Total No. of cases	32
Booked	28
Non-booked	4
Primiparae	1
Multiparae	31
Incidence: - Overall	0.51%
Among toxemia	5.32%
Total No. of babies	32

No multiple pregnancy, maternal death, S.B. or N.N.D. in these 32 patients

Table 10
ESSENTIAL HYPERTENSION

Total No. of cases	5
Booked	5
Non-booked	-
Primiparae	4
Multiparae	1
Incidence:- Overall	0.08 %
Among toxæmia	0.83 %
Total No. of babies	5

No multiple pregnancy, maternal death, S.B., or N.N.D. in these 5 patients

Table 11
CHRONIC NEPHRITIS

Total No. of cases	1
Booked	1
Non-booked	-
Primiparae	-
Multiparae	1
Incidence: - Overall	0.02 %
Among toxæmia	0.17 %
Total No. of babies	2
Multiple pregnancies	1

Patient and infants discharged well

Table 12

PERSISTENT POSTERIOR POSITION OF THE OCCIPUT
AND TRANSVERSE ARREST

Total No. of cases	275		
Incidence	4.41	%	
Total No. of babies	275		
Multiple pregnancies	1*		
Maternal deaths	-		
S. B.	1	(0.36	%)
N. N. D.	3	(1.09	%)
P. N. D.	2	(0.73	%)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	270	98.18	-	270	1	3	2
Non-booked	5	1.82	-	5	-	-	-
Total	275	100.00	-	275	1	3	2

SUMMARY OF LABOUR:-

	No. of cases
Labour lasting more than 24 hours	-

METHOD OF DELIVERY:-

Spontaneous delivery (face to pubis)	26
Vacuum extraction	58
Forceps	9
Manual rotation and mid-forceps	-

** Caesarean section 183

Total 276

* One infant was in P.O.P./P.O.T. position

** The operation might be performed for conditions other than persistent occipital posterior or transverse arrest.

Table 13

BREECH PRESENTATIONS	
Total No. of cases	256
Booked	242
Non-booked	14
Primiparae	127
Multiparae	129
Single pregnancies	246
Multiple pregnancies	10*
Maternal deaths	-
Total No. of babies	261*
Incidence	4.10 %
Caesarean section	159
Caesarean section rate	62.11 %

* In 5 sets of twins, both twins were in breech presentation.

BREECH PRESENTATIONS (Continued)
UNCOMPLICATED BREECH DELIVERIES

Total No. of cases	159		
Maternal deaths	-		
S. B.	1	(0.63	%)
N. N. D.	-	(-	%)
P. N. D.	1	(0.63	%)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	H.N.D.	P.N.D.
Booked	154	96.86	-	154	1	-	1
Non-booked	5	3.14	-	5	-	-	-
Total	159	100.00	-	159	1	-	1

METHOD OF DELIVERY, BIRTH WEIGHT AND FOETAL LOSS:-

Method of delivery	Birth weight.	2,501 - 3,500 gms.			3,501 gms. & over			
		No. of babies	S.B.	N.N.D.	P.N.D.	No. of babies	S.B.	N.N.D.
Low forceps		1	-	-	-	-	-	-
Assisted with forceps for A.C.E.		30	-	-	-	8	-	-
Assisted with B.M.T. for A.C.H.		28	1	-	1	3	-	-
Breech extraction		1	-	-	-	-	-	-
C. S.		64	-	-	-	24	-	-
Total		124	1	-	1	35	-	-

Caesarean section rate 55.35 %

BREECH PRESENTATIONS (Continued)

COMPLICATED BREECH DELIVERIES

Total No. of cases	97	
Multiple pregnancies	10*	
Total No. of babies	102*	
Maternal deaths	-	
S.B.	5	(4.90 %)
N.N.D.	9	(9.28 %)
P.N.D.	12	(11.76 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	88	90.72	-	93	3	8	9
Non-booked	9	9.28	-	9	2	1	3
Total	97	100.00	-	102	5	9	12

METHOD OF DELIVERY AND FOETAL RESULT:-

	No. of babies	S.B.	N.N.D.	P.N.D.
Assisted breech with forceps for A.C.H.	12	-	1	1
Assisted breech with B.M.T. for A.C.H.	17	5	4	8
Breech extraction	1	-	1	1
Jaw shoulder traction	1	-	-	-
C. S.	71	-	3	2
Total	102	5	9	12

Caesarean section rate 69.61 %

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

	No. of cases
Prematurity	34
Contracted pelvis	17
A.P.H. of unknown origin	7
Toxaemia	5
Twin pregnancy	5
Placenta praevia	2
Prolapse of cord	2
Accidental haemorrhage	1
A.P.H. of extraplacental cause	1
Prolonged leaking	1

* In 5 sets of twins, both twins were in breech presentation.

Table 14
TRANSVERSE AND OBLIQUE LIE
(in labour)

Total No. of cases	17	
Incidence	0.27	%
Total No. of babies	17	
Multiple pregnancies	2*	
Maternal deaths	-	
S. B.	-	(%)
N. N. D.	2	(11.76%)
P. N. D.	1	(5.88%)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	17	100.00	-	17	-	2	1
Non-booked	-	-	-	-	-	-	-
Total	17	100.00	-	17	-	2	1

MANAGEMENT AND FOETAL LOSS:-

Method of delivery	No. of babies	S.B.	N.N.D.	P.N.D.
Internal version and breech extraction	2	-	-	-
L.S.C.S.	15	-	2	1
Total	17	-	2	1

* In both cases, only one of the twins was in transverse lie.

Table 15

FACE AND BROW PRESENTATION

Total No. of cases	3
Booked	3
Incidence	0.05 %
Total No. of babies	3

No maternal death, S.B. or N.N.D. in these 3 patients

Method of delivery:

Spontaneous	1
Caesarean Section	2

Table 16

COMPOUND PRESENTATION

Total No.. of cases	2
Booked	2
Incidence	0.03 %
Total No. of babies	2
No maternal death, S.B. or N.N.D. in these two patients	
Method of delivery:	
L.S.C.S.	2

Table 17

PROLAPSE AND PRESENTATION OF CORD

Total No. of cases	9
Booked	9
Incidence	0.14 %
Total No. of babies	9
Multiple pregnancies	-
Maternal deaths	-
S. B.	-
N. N. D.	1 (11.11 %)
P. N. D.	-

PRESENTATION AND FOETAL LOSS:-

Presentation	No. of babies	S.B.	N.N.D.	P.N.D.
Vertex	4	-	-	-
Breech	5	-	1	-
Total	9	-	1	-

MANAGEMENT AND FOETAL LOSS:-

Method of delivery	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	1	-	-	-
Low forceps	1	-	-	-
Breech extraction	1	-	1	-
Assisted breech	2	-	-	-
L.S.C.S.	4	-	-	-
Total	9	-	1	-

Table 18
HYDRAMNIOS

Total No. of cases	7
Booked	7
Incidence	0.11 %
Total No. of babies	7
Multiple pregnancies	-
Maternal deaths	-
S. B.	-
N. N. D.	5 (71.43 %)
P. N. D.	5 (71.43 %)

ASSOCIATED FOETAL ABNORMALITIES:- (more than one abnormality may be present in a case)

	No. of cases
Anomalies of cardio-vascular system	2
Anomalies of respiratory tract	2
Anomalies of limbs	2
Anomalies of gastro-intestinal tract	2
Anomalies of central nervous system	1
Anomalies of skin	1
Anomalies of genito-urinary tract	1
Others	3

Table 19

PROLONGED LABOUR

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

No patient had prolonged labour

Table 20
LABOUR FOLLOWING PREVIOUS CAESAREAN SECTION

Total No. of cases	145		
Total No. of babies	147		
Multiple pregnancies	2		
Maternal deaths (see summary)	1		
S. B.	1	(0.68 %)	
N. N. D.	1	(0.68 %)	
P. N. D.	2	(1.36 %)	

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	145	100.00	1	147	1	1	2
Non-booked	-	-	-	-	-	-	-
Total	145	100.00	1	147	1	1	2

METHOD OF DELIVERY:-

	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	75	1	-	1
Vacuum extraction	31	-	-	-
Low forceps	15	-	-	-
Assisted breech	1	-	1	1
C. S.	25	-	-	-
Total	147	1	1	2

Table 21
INDUCTION OF LABOUR

Total No. of cases	786		
Incidence	12.60	%	
Total No. of babies	796		
Multiple pregnancies	10		
Maternal deaths	1		
S. B.	10	(1.26	%)
N. N. D.	7	(0.89	%)
P. N. D.	16	(2.01	%)
Success rate*	78.12	%	

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	750	95.42	1	760	9	5	13
Non-booked	36	4.58	-	36	1	2	3
Total	786	100.00	1	796	10	7	16

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

	No. of cases
Toxaemia of pregnancy	255
Postmaturity	194
Prolonged leakage of liquor or rupture of membranes	95
A.P.H. of unknown origin	88
Diabetes mellitus	19
Intrauterine death	8
Elderly primipara	3
Placenta praevia	1
Accidental haemorrhage	1
Congenital malformation of foetus	1
Others	130

* All caesarean sections were counted as failures of induction.

INDUCTION OF LABOUR (Continued)

METHOD OF INDUCTION:-

Medical	144	(18.32 %)
Surgical	183	(23.28 %)
Combined medical and surgical	459	(58.40 %)

MEDICAL INDUCTION

PARITY:-

	No. of cases	Per-centage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Para 0	97	67.36	1	6	-	6
Para 1	27	18.75	-	2	3	5
Para 2 & over	20	13.89	-	1	2	3
Total	144	100.00	1	9	5	14

METHOD OF DELIVERY:-

	No. of babies	Per-centage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Spontaneous	83	57.24	-	7	4	11
Vacuum extraction	19	13.10	-	-	-	-
Forceps	11	7.59	-	-	-	-
Assisted breech with forceps for A.C.H.	1	0.69	-	-	-	-
Assisted breech with B.M.T. for A.C.H.	3	2.07	-	2	1	3
C.S.	28	19.31	1	-	-	-
Total	145*	100.00	1	9	5	14

* Including one set of twins

SURGICAL INDUCTION

PARITY:-

	No. of cases	Per-centage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Para 0	87	47.54	-	-	1	-
Para 1	45	24.59	-	-	-	-
Para 2 & over	51	27.87	-	-	-	-
Total	183	100.00	-	-	1	-

INDUCTION OF LABOUR (Continued)

METHOD OF DELIVERY:-

	No. of Babies	Percentage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Spontaneous	117	62.90	-	-	1	-
Vacuum extraction ...	25	13.44	-	-	-	-
Low Forceps	5	2.69	-	-	-	-
L.S.C.S.	39	20.97	-	-	-	-
Total	186*	100.00	-	-	1	-

* Including 3 sets of twins

COMBINED MEDICAL AND SURGICAL INDUCTIONS

PARITY:-

	No. of cases	Percentage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Para 0	316	68.85	-	-	1	1
Para 1	82	17.86	-	-	-	-
Para 2 & over	61	13.29	-	1	-	1
Total	459	100.00	-	1	1	2

METHOD OF DELIVERY:-

	No. of Babies	Percentage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Spontaneous	256	55.05	-	-	-	-
Vacuum extraction	65	13.98	-	-	-	-
Low forceps	37	7.95	-	1	1	2
Asst. Breech with B.M.T. for A.C.H.	1	0.22	-	-	-	-
Asst. Breech with forceps for A.C.H.	1	0.22	-	-	-	-
C.S.	105	22.58	-	-	-	-
Total	465*	100.00	-	1	1	2

* Including 6 sets of twins

Table 22
VACUUM EXTRACTION

Total No. of cases	638
Incidence	10.22 %
Total No. of babies	638
Multiple pregnancies	4*
Maternal deaths	-
S.B.	- (%)
N.N.D.	4 (0.63 %)
P.N.D.	3 (0.47 %)

BOOKED AND NON_BOOKED:-

	No.of cases	Per-centage	Maternal deaths	No.of live births	S.B.	N.N.D.	P.N.D.
Booked	629	98.59	-	629	-	4	3
Non-booked	9	1.41	-	9	-	-	-
Total ,.....	638	100.00	-	638	-	4	3

PARITY:-

Para 0	505	79.15	-	505	-	3	2
Para 1 ;.....	93	14.58	-	93	-	-	-
Para 2 & over	40	6.27	-	40	-	1	1
Total	638	100.00	-	638	-	4	3

INDICATIONS:- (more than 1 indication may be present in 1 case)

Prolonged 2nd stage	312
Foetal distress	161
Toxaemia of pregnancy	100
P.O.P. or P.O.T.	58
Previous L.S.C.S.	31
Maternal distress	28
APH of unknown origin	12
Cardiac disease	12
Uterine dysfunction	10
Contracted pelvis	8
Other medical disease	5
Diabetes mellitus	4
Pulmonary tuberculosis	2
Unfavourable pelvis	1
Accidental haemorrhage	1
Elderly primigravida	1
Other indications	27

* 4 infants out of 4 sets of twins had V.E. deliveries.

Table 23

FORCEPS DELIVERY

Total No. of cases	334
Incidence	5.35 %
Total No. of babies	343
Multiple pregnancies	15*
Maternal deaths	-
S.B.	3 (0.87 %)
N.N.D.	5 (1.47 %)
P.N.D.	8 (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	315	94.31	-	323	3	5	8
Non-booked	19	5.69	-	20	-	-	-
Total	334	100.00	-	343	3	5	8

PARITY:-

Para 0	253	75.75	-	262	2	3	5
Para 1	55	16.47	-	56	-	1	1
Para 2 & over	26	7.78	-	25	1	1	2
Total	334	100.00	-	343	3	5	8

Type of Forceps and Foetal Loss:-

Type of forceps	Foetal loss				Multiparae			
	No. of Babies	Primiparae S.B.	N.N.D.	P.N.D.	No. of Babies	S.B.	N.N.D.	P.N.D.
Low forceps	234	2	2	4	59	1	2	3
Manual rotation & mid forcep.	-	-	-	-	-	-	-	-
Asst. Breech with forceps for A.C.H.	28	-	1	1	22	-	-	-
Total	262	2	3	5	81	1	2	3

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

Prematurity	09
Foetal distress	60
Toxaemia of pregnancy	53
Breech presentation	51
Prolong 2nd stage	35
Previous L.S.C.S.	15
APH of unknown origin	15
Cardiac disease	11
P.O.P. or P.O.T.	9
Maternal distress	5
Uterine dysfunction	4
Failed trial of V.E.	3
Accidental haemorrhage	3
Diabetes mellitus	2
Elderly primigravida	2
Contracted pelvis	1
APH of extra placental cause	1
Placenta praevia	1
Prolapse of cord	1
Other indications	51

*24 infants out of 15 sets of twins were delivered by forceps.

Table 24

VERSION IN LABOUR

Total No. of cases	2
Booked	2
Incidence	0.03 %
Total No. of babies	2
Multiple pregnancies	-
METHOD OF DELIVERY:-	
Internal version and breech extraction	2

Both patients and infants discharged well.

Table 25
CAESAREAN SECTION

Total No. of cases	968
Incidence	15.51 %
Total No. of babies	974
Multiple pregnancies	6
Maternal deaths	-
S.B.	(- %)
N.N.D.	(1.33 %)
P.N.D.	(0.82 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked ..	956	98.76	-	962	-	12	7
Non-booked	12	1.24	-	12	-	1	1
Total	968	100.00	-	974	-	13	8

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	79	8.16	-	80	-	-	-
21 - 25	338	34.92	-	338	-	6	4
26 - 30	378	39.05	-	381	-	6	3
31 - 35	116	11.98	-	117	-	1	1
36 - 40	40	4.13	-	41	-	-	-
41 & over	17	1.76	-	17	-	-	-
Total	968	100.00	-	974	-	13	8

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	562	58.06	-	565	-	6	4
Para 1	281	29.03	-	282	-	4	2
Para 2 & over	125	12.91	-	127	-	3	2
Total	968	100.00	-	974	-	13	8

CAESAREAN SECTION (Continued)

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

Previous L.S.C.S.	274
P.O.P. or P.O.T.	183
Unfavourable pelvis	171
Breech presentation	159
Toxaemia of pregnancy	145
Contracted pelvis	138
C-P disproportion	127
Uterine dysfunction	118
Foetal distress	98
Failed trial of labour	85
Failed induction of labour	40
Placenta praevia	38
APH of unknown origin	26
Diabetes mellitus	21
Accidental haemorrhage	18
Elderly primigravida	18
Transverse lie	15
Failed trial of V.E.	8
Maternal distress	6
Prolapse of cord	4
Previous C.C.S.	2
APH of extraplacental cause	2
Brow	2
Compound presentation	2
Failed trial of forceps	1
Other indications	164

Table 26

RUPTURE OF UTERUS

Non-booked Case Serial No.4207/78 Age: 44 G: 8 P: 7

The grandmultiparous patient was transferred from St. John's Hospital on an outlying island, Cheung Chau, because of absence of foetal heart and sudden onset of constant abdominal pain. She had been in labour for six hours. On arrival, the patient was in shock, with marked abdominal tenderness and rebound tenderness. Foetus was in transverse lie with foetal parts easily palpable and no foetal heart was detected. Diagnosis of rupture of uterus was made, and emergency operation performed which confirmed the diagnosis. A fresh stillborn foetus weighing 4110 gm was in the peritoneal cavity. Hysterectomy, bilateral salpingectomy and right oophorectomy were performed. She made an uneventful recovery.

Table 27
CONTRACTED PELVIS

Total No. of cases	166	
Incidence	2.66	%
Total No. of babies	167	
Multiple pregnancies	1	
Maternal deaths	-	
S.B.	-	(- %)
N.N.D.	1	(0.60 %)
P.N.D.	1	(0.60 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	166	100.00	-	167	-	1	1
Non-booked	-	-	-	-	-	-	-
Total	166	100.00	-	167	-	1	1

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	85	51.20	-	85	-	1	1
Para 1	62	37.35	-	62	-	-	-
Para 2 and over	19	11.45	-	20	-	-	-
Total	166	100.00	-	167	-	1	1

METHOD OF DELIVERY & FOETAL LOSS:-

Method of delivery	No. of babies	Primiparae			Multiparae			
		S.B.	N.N.D.	P.N.D.	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	9	-	-	-	11	-	-	-
Vacuum extraction.....	5	-	-	-	3	-	-	-
Forceps	1	-	1	1	-	-	-	
L.S.C.S.	70	-	-	-	68	-	-	
Total	85	-	1	1	82	-	-	

Table 28

ANTEPARTUM HAEMORRHAGE

Total No. of cases	264	
Incidence	4.23	%
Total No. of babies	265	
Multiple pregnancies	1	
Maternal deaths	-	
S. B.	6	(2.26 %)
N. N. D.	4	(1.54 %)
P. N. D.	9	(3.40 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	243	92.05	-	244	4	3	6
Non-booked	21	7.95	-	21	2	1	3
Total	264	100.00	-	265	6	4	9

PARITY: -

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	133	50.38	-	134	2	3	4
Para 1	69	26.14	-	69	2	-	2
Para 2 & over	62	23.48	-	62	2	1	3
Total	264	100.00	-	265	6	4	9

TYPE OF A.P.H. :-

Accidental haemorrhage	29	(10.98 %)
Placenta praef via	44	(16.67 %)
A.P.H. of unknown origin	162	(61.37 %)
A.P.H. due to extra-placental causes	29	(10.98 %)

Table 29
PLACENTA PRAEVIA

Total No. of cases	44	
Incidence:- Overall	0.711	%
Among A.P.H.	16.67	%
Total No. of babies	45	
Multiple pregnancies	1	
Maternal deaths	-	
S.B.	1	(2.22)
N.N.D.	2	(4.55)
P.N.D.	3	(6.67)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	41	93.18	-	42	-	1	1
Non-booked	3	6.82	-	3	1	1	2
Total	44	100.00	-	45	1	2	3

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	4	9.09	-	5	-	-	-
21 - 25	12	27.27	-	12	1	2	3
26 - 30	14	31.82	-	14	-	-	-
31 - 35	12	27.27	-	12	-	-	-
36 - 40	2	4.55	-	2	-	-	-
41 & over	-	-	-	-	-	-	-
Total	44	100.00	-	45	1	2	3

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	16	36.36	-	16	-	1	1
Para 1	11	25.00	-	12	1	-	1
Para 2 & over	17	38.64	-	17	-	1	1
Total	44	100.00	-	45	1	2	3

PLACENTA PRAEVIA (Continued)

METHOD OF DELIVERY:-

	No. of cases	Percentage	Maternal deaths	No. of babies	S.B..	N.N.D.	P.N.D.
Spontaneous	3	6.82	-	3	-	-	-
Low forceps	1	2.27	-	1	-	-	-
Assisted breech delivery with BMT for ACH	1	2.27	-	1	1	-	1
L.S.C.S.	38	86.37	-	39	-	2	2
Internal version & breech extraction	1	2.27	-	1	-	-	-
Total	44	100.00	-	45	1	2	3

BLOOD LOSS AND FOETAL LOSS:-

Amount (ml.)	No of Babies	S.B.	N.N.D.	P.N.D.
0 - 500 ml.	42	1	1	2
501 - 1,000 ml.	1	-	-	-
1,001 - 1,500 ml.	2	-	1	1
1,501 - 2,000 ml.	-	-	-	-
2,001 - 2,500 ml.	-	-	-	-
2,501 - 3000 ml.	-	-	-	-
3,001 & over	-	-	-	-
Total	45	1	2	3

Table 30
ACCIDENTAL ANTEPARTUM HAEMORRHAGE

Total No. of cases	29
Incidence:- Overall	0.46%
Among A.P.H.	10.98%
Total No. of babies	29
Multiple pregnancies	-
Maternal deaths	-
S.B.	4 (13.79%)
N.N.D.	2 (8.00%)
P.N.D.	5 (17.24%)

CAUSES:-

Toxaemia	9
Hydramnnois	-
Unknown	20

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	26	89.66	-	26	3	2	4
Non-booked	3	10.34	-	3	1	-	1
Total	29	100.00	-	29	4	2	5

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	4	13.79	-	4	-	-	-
21 - 25	13	44.83	-	13	2	2	3
26 - 30	8	27.59	-	8	1	-	1
31 - 35	4	13.79	-	4	1	-	1
36 - 40	-	-	-	-	-	-	-
41 & over	-	-	-	-	-	-	-
Total	29	100.00	-	29	4	2	5

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	15	51.73	-	15	1	2	2
Para 1	10	34.48	-	10	1	-	1
Para 2 & over	4	13.79	-	4	2	-	2
Total	29	100.00	-	29	4	2	5

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	6	20.69	-	6	3	-	3
Vacuum extraction	1	3.45	-	1	-	-	-
Low Forceps	3	10.34	-	3	1	-	1
Asst. Braech.delivery with B.M.T. for A.C.H.	1	3.45	-	1	-	1	1
L.S.C.S.	18	62.07	-	18	-	1	-
Total	29	100.00	-	29	4	2	5

Table 31

A.P.H. OF UNKNOWN ORIGIN

Total No. of cases	162	
Incidence: - Overall	2.60	%
Among A.P.H.	61.37	%
Total No. of babies	162	
Multiple pregnancies	-	
Maternal deaths	-	
S.B.	1	(0.62%)
N.N.D.	-	
P.N.D.	1	(0.62%)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of Babies	S.B.	N.N.D.	P.N.D.
Booked	148	91.36	-	148	1	-	1
Non-Booked	14	8.64	-	14	-	-	-
Total	162	100.00	-	162	1	-	1
PARTI:-							
Para 0	89	54.94	-	89	1	-	1
Para 1	37	22.84	-	37	-	-	-
Para 2 & over	36	22.22	-	36	-	-	-
Total	162	100.00	-	162	1	-	1

METHOD OF DELIVERY:-

	No. of cases	Per-centage	Maternal deaths	No. of Babies	S.B.	N.N.D.	P.N.D.
Spontaneous	106	63.58	-	106	-	-	-
Vacuum extraction	12	7.41	-	12	-	-	-
Low Forceps	11	6.79	-	11	-	-	-
Assisted breech with forceps for A.C.H.	4	2.47	-	4	-	-	-
Assisted breech with B.M.T. for A.C.H.	3	1.85	-	3	1	-	1
L.S.C.S.	26	17.90	-	26	-	-	-
Total	162	100.00	-	162	1	-	1

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

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

Contracted Pelvis	4
C-P disproportion	3
Failure of induction of labour	3
Breech presentation	3
Uterine dysfunction	2
P.O.P.	2
Foetal distress	2
Unfavourable pelvis	2
Maternal distress	1
Prolapse of cord	1
Severe IUGR & leaking	1
Previous C.S.	1
Severe Pre-eclampsia	1

Table 32

A.P.H. DUE TO EXTRA-PLACENTAL CAUSES

Total No. of cases	29
Primiparae	13
Multiparae	16
Booked	28
Non-booked	1
Incidence: - Overall	0.46%
Among A.P.H.	10.98%
Total No. of Babies	29

No maternal death, S.B. or N.N.D. in these 29 patients

CAUSES:—

Cervical erosion	21
Cervical polyp	2
Cervical fibroid	1
Trichomoniasis vaginitis	1
Others	4

Table 33

POSTPARTUM HAEMORRHAGE

Total No. of cases	74*
Incidence	1.19%
Total No. of babies	76
Multiple pregnancies	2
Maternal deaths	-

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of Babies	S.N.	N.N.D.	P.N.D.
Booked	68	91.89	-	70	1	1	1
Non-booked	6	8.11	-	6	1	-	1
Total	74	100.00	-	76	2	1	2

AGE GROUP:-

2 & under	7	9.46	-	7	-	-	-
21 - 25	28	37.84	-	28	1	-	1
26 - 30	29	39.19	-	31	-	1	-
31 - 35	8	10.81	-	8	1	-	1
36 - 40	1	1.35	-	1	-	-	-
41 & over	1	1.35	-	1	-	-	-
Total	74	100.00	-	76	2	1	2

PARITY:-

Para 0	35	47.30	-	35	-	1	-
Para 1	21	28.38	-	21	1	-	1
Para 2 & over	18	24.32	-	20	1	-	1
Total	74	100.00	-	76	2	1	2

METHOD OF DELIVERY:-

Spontaneous	47	63.51	-	49	2	-	2
Vacuum extraction	13	17.57	-	13	-	1	-
Low Forceps	5	6.76	-	5	-	-	-
Assisted breech with forceps for A.C.H.	1	1.35	-	1	-	-	1
Assisted breech with B.M.T. for A.C.H.	1	1.35	-	1	-	-	-
Caesarean section+	7	9.46	-	7	-	-	-
Total	74	100.00	-	76	2	1	2

*Including 2 cases of BBA. All infants admitted

+ Blood loss in excess of 500 ml after excluding loss attributed to surgical procedure.

POSTPARTUM HAEMORRHAGE

(Continued)

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

	Primiparae	Multiparae	Total
Retained placenta	2	9	11
Uterine atony	10	11	21
Hypofibrinogenaemia	-	1	1
Trauma to genital tract	5	4	9
Inversion of uterus	-	1	1
Retained products of conception	5	3	8
Genital tract infection	7	8	15
Genital tract infection and retained products of conception.....	-	1	1
Others	6	1	7
Total	35	39	74

AMOUNT OF BLOOD LOSS:-

Millilitres	Primiparae	Multiparae	Total
500 or less	18	16	34
501 - 1,000	15	21	36
1,001 - 1,500	2	1	3
1,501 - 2,000	-	-	-
2,001 - 2,500	-	1	1
2,501 - 3,000	-	-	-
3,001 & over	-	-	-
Total	35	39	74

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

Blood transfusion	19	22	41
Fibrinogen	-	2	2
Conservative (Ergometrine, Syntocinon, etc.)	10	11	21
Placenta delivered by B.A.T.	1	1	2
Manual removal of placenta or cotyledon	1	8	9
Repair of laceration	5	4	9
Evacuation of uterus	12	16	28
Others :.....	6	2	8

Table 34

MANUAL REMOVAL OF PLACENTA

Total No. of cases	82*
Incidence	1.31 %
Total No. of babies	85
Multiple pregnancies	3
Maternal deaths	-

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	75	91.46	-	78	-	-	-
Non-booked	7	8.54	-	7	-	-	-
Total	82	100.00	-	85	-	-	-

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	7	8.54	-	7	-	-	-
21 - 25	28	34.15	-	30	-	-	-
26 - 30	36	43.91	-	37	-	-	-
31 - 35	8	9.75	-	8	-	-	-
36 - 40	2	2.43	-	2	-	-	-
41 & over	1	1.22	-	1	-	-	-
Total	82	100.00	-	85	-	-	-

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	22	26.83	-	22	-	-	-
Para 1	37	45.12	-	40	-	-	-
Para 2 & over	23	28.05	-	23	-	-	-
Total	82	100.00	-	85	-	-	-

INDICATIONS:- (More than one indication may be present in one case)

	Primiparae	Multiparae	Total
Adherent placenta	19	54	73
Retained placenta	2	5	7
Broken cord	1	1	2
Others	-	-	-
Total	22	60	82

*Including 4 B.B.A. cases. All infants admitted

MANUAL REMOVAL OF PLACENTA (Continued)

METHOD OF DELIVERY:-

	No. of Cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	59	71.95	-	61	-	-	-
Vacuum extraction	17	20.73	-	18	-	-	-
Low forceps	1	1.22	-	1	-	-	-
Assisted breech delivery with forceps for A.C.H.	2	2.44	-	2	-	-	-
Assisted breech with B.M.T. for A.C.H.	2	2.44	-	2	-	-	-
L.S.C.S.	1	1.22	-	1	-	-	-
Total	82	100.00	-	85	-	-	-

Postpartum haemorrhage9 cases (10.98%)

DURATION OF LABOUR:-

No. of cases

Second stage over 1 hour29

Table 35

TUMOURS ASSOCIATED WITH PREGNANCY,
LABOUR OR PUERPERIUM

Total No. of cases	32	
Incidence	0.51	%
Total No. of babies	32	
Multiple pregnancies	-	
Maternal deaths	-	
S. B.	-	(- %)
N. N. D.	2	(6.25 %)
P. N. D.	-	(- %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	32	100.00	-	32	-	2	-
Non-booked	-	-	-	-	-	-	-
Total	32	100.00	-	32	-	2	-

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	15	46.88	-	15	-	2	-
Para 1	10	31.25	-	10	-	-	-
Para 2 & over	7	21.87	-	7	-	-	-
Total	32	100.00	-	32	-	2	-

TYPE OF TUMOUR:-

Tumours of Ovary:	
Ovarian cyst	11
Parovarian cyst	2
Other benign tumour of ovary	-
Tumours of uterus (including cervix):	
Uterine fibromyomata	7
Other benign tumour of uterus	-
Carcinoma of cervix	-
Other malignant tumour of uterus	-
Multiple uterine tumours	-
Tumours of Vagina:	
Benign - including gartner duct cyst, inclusion cyst, etc. of vagina	7
Malignant tumour of vagina	-
Other tumours	4

METHOD OF DELIVERY:-

Spontaneous	13
Vacuum extraction	4
Assisted breech with B.M.T. FOR A.C.H.	-
L.S.C.S.	15

Table 36
MULTIPLE PREGNANCY

Number of cases 39

TWIN PREGNANCY

Total No. of cases 39
 Incidence of twin pregnancy 0.63 %
 Total No. of babies 78
 Maternal deaths -

Binovular 31
 Uniovular 7
 Unknown 1

FOETAL MORTALITY:-

	First Twin	Second Twin	Total
S.B.	1	1	2
N.N.D.	1	2	3
P.N.D.	1	2	3

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	38	97.44	-	76	1	1	2
Non-booked	1	2.56	-	2	-	-	-
Total	39	100.00	-	78	1	1	2

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	3	7.69	-	6	-	-	-
21 - 25	16	41.03	-	32	1	-	1
26 - 30	13	33.33	-	26	-	1	1
31 - 35	5	12.82	-	10	-	-	-
36 - 40	2	5.13	-	4	-	-	-
41 & over	-	-	-	-	-	-	-
Total	39	100.00	-	78	1	1	2

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	16	41.03	-	32	1	-	1
Para 1	15	38.46	-	30	-	1	1
Para 2 & over	8	20.51	-	16	-	-	-
Total	39	100.00	-	78	1	1	2

MULTIPLE PREGNANCY (Continued)

BIRTH WEIGHT AND FOETAL LOSS:-

Foetal loss Birth weight (grams)	First Twin			Second Twin		
	No. of babies	Foetal loss	Per-centage	No. of babies	Foetal loss	Per-centage
Under 1,500	2	2	100.00	2	2	100.00
1,501 - 2,000	6	-	-	8	1	12.50
2,001 - 2,500	11	-	-	15	-	-
2,501 - 3,000	18	-	-	13	-	-
3,001 - 3,500	2	-	-	1	-	-
3,501 - 4,000	-	-	-	-	-	-
4,001 & over	-	-	-	-	-	-
Total	39	2	5.13	39	3	7.69

METHOD OF DELIVERY AND FOETAL LOSS:-

Foetal loss Method of delivery	First Twin			Second Twin		
	No. of babies	Foetal loss	Per-centage	No. of babies	Foetal loss	Per-centage
Spontaneous	20	1	5.00	21	2	9.52
Vacuum extraction	3	-	-	1	-	-
Low forceps	10	-	-	8	-	-
Assisted breech with B.M.T. for A.C.H.	-	-	-	3	-	-
Assisted breech with low forceps for A.C.H.	1	-	-	1	-	-
C.S.	5	1	20.00	5	1	20.00
Total	39	2	5.13	39	3	7.69

PRESENTATION:-

Vertex - Vertex	27
Vertex - Breech	8
Breech - Vertex	1
Breech - Breech	2
Transverse \pm Vertex ,	1

MULTIPLE PREGNANCY (Continued)

PRESENTATION AND FOETAL LOSS:-

Presentation	First Twin			Second Twin		
	No. of babies	Foetal loss	Per-centage	No. of babies	Foetal loss	Per-centage
Vertex	35	1	2.86	29	3	10.34
Breech	3	-	-	10	-	-
Transverse lie	1	1	100.00	-	-	-
Total	39	2	5.13	39	3	7.69

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

Breech presentation	1
Transverse lie	1
Previous caesarean section, twin pregnancy	1
Previous caesarean section, contracted pelvis ...	1
Foetal distress	1

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

Toxaemia	13
Uterine dysfunction	6
Anaemia	4
Postpartum haemorrhage	2
Contracted pelvis	1
Placenta praevia	1

Table 37

PUERPERAL PYREXIA

Total No. of cases	450	
Incidence	7.21	%

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

Genital in origin	82
Urinary in origin	83
Combined genital and urinary origin	12
Others	202
Unknown origin	105

PUERPERAL PYREXIA (GENITAL)

Total No. of cases	94	
Booked	93	
Non-booked	1	
Primiparae	66	
Multiparae	28	
Incidence:- Overall	1.51	%
Among puerperal pyrexia	20.89	%
Multiple pregnancies	1	
Maternal deaths	-	

METHOD OF DELIVERY :-

Spontaneous	13
Vacuum extraction	4
Low forceps	2
Assisted breech with B.M.T. for A.C.H.	2
Breech extraction	1
L. S. C. S.	72
C. C. S.	1

Total No. of babies 95

CASE OF SPECIAL INTEREST

Booked case Serial No.:4097/78 Age: 27 G: 4 P: 0

The patient had 2 spontaneous abortions and an ectopic pregnancy.

She had an uneventful antenatal course. At 41 weeks, she went into spontaneous labour. The first stage lasted 4 hours, and was without any complications. A male baby of 3300 gm was delivered. She was never catheterised.

On 5th day of pospartum, she had a sudden attack of central abdominal pain, which shifted to the right lower quadrant. She was transferred to the Government Surgical Unit of Queen Mary Hospital and a laparotomy was done for suspected appendicitis.

There was extravasation of 4 litres of urine from the peritoneal cavity and a 3 cm transverse laceration at the dome of the urinary bladder. No gross pathology was detected in the bladder. The perforation was repaired and a Foley's catheter was inserted. Incidentally left demoid cyst of 6 cm diameter was found and left salpingoophorectomy was performed. The right tube and ovary were normal.

She was discharged well on the 5th postoperative day.

MATERNAL DEATH

Booked case Serial No.223/78 Age: 42 Gravida: 5 Para: 4

The patient was mentally retarded and had lower segment Caesarean section done in her first pregnancy. It was followed by 3 normal spontaneous deliveries in the subsequent years.

During the present pregnancy, she first attended the ante-natal clinic when the uterus size was about 34 weeks. She could not remember her L.M.P. Toxaemia developed near term. She was admitted. At this time, X-ray abdomen showed a foetus of 38 weeks' maturity. Amnioscopy was started on alternative days and no abnormality was detected.

The X-ray pelvimetry showed gynaecoid pelvis of good shape and adequate pelvis measurements. The patient was allowed to have a trial of scar at the onset of labour. Labour started spontaneously at clinical maturity of about 39 weeks. The first stage lasted for 2 hours 35 minutes. Membrane remained intact at the end of the first stage. The second stage lasted for 5 minutes. A male baby B.W. 2900gm was delivered with Apgar score of 7 in 1 minute. The placenta was delivered complete by fundal pressure. At the end of the second stage, patient started to gasp and was noted to be slightly cyanotic.

The patient suddenly became unconscious and had cardiac arrest. The heart rate failed to return despite resuscitative measures such as I.V. adrenaline, I.V. calcium and NaHCO_3 , cardiac massage and artificial respiration. Continuous vaginal bleeding was noted during resuscitation. The use of syntocinon infusion, fibrinogen, blood transfusion and uterine massage failed to stop the bleeding. Haematuria was also noted. Coagulation tests results were gross abnormal. Diagnosis of amniotic fluid embolism was made. The patient died 1 hour after delivery of the baby.

The baby had neonatal jaundice on Day 5. Jaundice subsided on Day 10 after phototherapy. The baby was discharged well on Day 23.

Autopsy on the mother showed:-

- Amniotic fluid embolism
- Clinical shock and uterine bleeding
- Right heart dilatation
- Systemic venous congestion.

Table 38

SUMMARY OF FETAL LOSS

Total No. of live births and stillbirths 6279*
 Total No. of live births 6248

	S.B.		N.N.B.		P.N.B.	
	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.
Total No.	31 (2)	4.94	42 (3)	6.72	66 (3)	10.51
Booked	25 (2)	4.13	36 (3)	5.97	54 (3)	8.92
Non-booked	6 (-)	26.43	6 (-)	27.15	12 (-)	52.86
Primiparae	18 (2)	5.45	15 (-)	4.56	31 (-)	9.37
Multiparae	13 (-)	4.37	27 (3)	9.12	35 (3)	11.77

	S.B.		N.N.B.		P.N.B.	
	No. of Babies	No. of Incidence babies	No. of babies	Non-booked	Primiparae	Multiparae
1. Intrapartum anoxia	1	3.23%	2	4.76%	2	1
2. Congenital malformations	1	3.23%	15	35.72%	12	3
3. Antepartum anoxia	9	29.03%	1	2.38%	9	6
4. Antepartum deaths with no lesion	16	51.61%	-	-	14	2
5. Respiratory distress syndrome	-	-	16	38.10%	11	2
6. Birth trauma	-	-	1	2.38%	1	1
7. Neonatal infection	-	-	2	4.76%	-	1
8. Immunization and other hemo-lytic disease	2	6.45%	2	4.76%	3	2
9. Miscellaneous	2	6.45%	3	7.14%	2	3
TOTAL	31	100.00%	42	100.00%	66	54
					31	35
						12
						100.00%

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

*Including 2 BBA infants who were not admitted.

SUMMARY OF FOETAL LOSS (Continued)

Incidence of foetal loss in relation to Birth Weight:-

Birth weight (grams)	No. of babies	S.B.	N.N.D.	P.N.D.
Under 1,000	13	7 53.85%	1 7.69%	8 61.54%
1,001 - 1,500	30	5 16.67%	11 36.67%	12 40.00%
1,501 - 2,000	68	3 4.41%	9 13.24%	11 16.18%
2,001 - 2,500	309	5 1.62%	10 3.24%	14 4.53%
2,501 - 3,000	1,916	3 0.16%	4 0.21%	6 0.31%
3,001 - 3,500	2,796	6 0.21%	5 0.18%	11 0.39%
3,501 - 4,000	1,047	1 0.10%	1 0.10%	2 0.19%
4,001 - 4,500	98	1 1.02%	1 1.02%	2 2.04%
Total	6,277*	31 0.49%	42 0.67%	66 1.05%

Incidence of foetal loss in relation to method of delivery:-

Method of delivery	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	4,220	22 0.52%	14 0.33%	36 0.85%
Vacuum extraction	638	- -	4 0.63%	3 0.47%
Forceps	343	3 0.87%	5 1.46%	8 2.33%
Assisted breech delivery with B.M.T. for A.C.H.	48	6 12.50%	4 8.33%	9 18.75%
Assisted breech delivery with forceps for A.C.H.	50	- -	1 2.00%	1 2.00%
Breech extraction	2	- -	1 50.00%	1 50.00%
Caesarean section	974	- -	13 1.33%	8 0.82%
Internal version and breech extraction	2	- -	- -	- -
Total	6,277*	31 0.49%	42 0.67%	66 1.05%

*Excluding 2 BBA babies who were not admitted

Table 40
CONGENITAL MALFORMATIONS

Total No. of cases	203	
Booked	198	
Non-booked	5	
Incidence	32.33	per 1,000 L.B. & S.B.
Foetal mortality:-		
S.B.	5	(2.46 %)
N.N.D.	20	(10.10 %)
P.N.D.	23	(11.33 %)
Among live births	3.17%	
Among stillbirths	16.13%	
Among premature live births	2.62%	
Among neonatal deaths	47.62%	
TYPE OF MALFORMATION:-		
		No. of cases
Anomalies of central nervous system	11	
Axial and Appendicular skeleton malformation	29	
Systematic skeletal malformation	6	
Anomalies of lip and palate	13	
Anomalies of skin, eyes, ears and face	55	
Anomalies of gastro-intestinal tract	9	
Anomalies of cardio-vascular system	23	
Anomalies of respiratory system	5	
Anomalies of genito-urinary tract	36	
Multiple anomalies	11	
Anomalies of muscle and ligaments, including hernia ..	4	
Congenital tumours	1	

Table 41
BIRTH TRAUMA

Total No. of cases	132	
Incidence	21.02	per 1,000 L.B. & S.B.
Foetal result:- S.B.	1	(0.76 %)
N.N.D.	3	(2.29 %)
P.N.D.	3	(2.27 %)

METHOD OF DELIVERY:-

	No. of babies	Percentage
Spontaneous	41	31.06
Vacuum extraction	77	58.33
Low forceps	8	6.06
Assisted breech with B.M.T. for A.C.H.	1	0.76
Assisted breech with forceps for A.C.H.	1	0.76
Caesarean section	4	3.03

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

	No. of cases
Cephalhaematoma	115
Cerebral symptoms	1
Tentorial tear	1
Subdural haematoma	1
Abrasion	1
Fracture of other bones	6
Other types of birth injury	8

Table 42
NEONATAL INFECTIONS

Total No. of cases	509
Incidence (per 1,000 L.B.)	81.47
N.N.D.	29
Neonatal mortality rate	5.70 %

Table 43
NEONATAL JAUNDICE

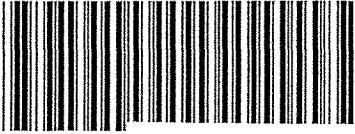
Total No. of cases	471
Incidence (per 1,000 L.B.)	75.38
No. of cases with known cause	133

Cause	No. of cases	Exchange transfusion	N.N.D.
A.B.O. incompatibility	52	8	-
Gulcose-6-phosphate dehydrogenase deficiency	33	2	-
Cephalhaematoma	2	1	-
Prematurity	17	2	1
Sepsis	3	2	-
Others	26	1	-
Unknown cause	338	11	-
Total	471	27	1

Table 44
X-RAY DEPARTMENT STATISTICS 1978

Month	Chest	Bones	Abdomen	Pelvimetry	Direct Placenteraphy	Barium Swallow
January	71	11	44	61	9	-
February	60	4	36	57	11	-
March	59	6	35	61	7	-
April	72	15	33	54	1	-
May	54	7	34	56	5	-
June	52	9	45	52	4	-
July	69	25	42	55	8	-
August	63	11	36	54	5	-
September	77	20	43	60	12	-
October	85	13	39	56	3	-
November	63	2	48	31	2	-
December	78	8	48	50	3	1
Total	803	131	483	647	70	1

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report for the year,
1978.

