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CLINICAL REPORT
OF THE
TSAN YUK HOSPITAL
FOR THE YEAR
1976



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

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ABBREVIATIONS

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

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 (1976)

Obstetrician In Charge:

Prof. Ho-Kei Ma (Mrs.), M.B.,B.S.(H.K.): F.R.C.O.G.

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

Medical Superintendent:

F.W. Chong M.B.,B.S.(H.K.)

Obstetricians & Lecturers, University of Hong Kong:

K.K. Yeung	M.B.,B.S.(H.K.); M.Sc.(Michigan); M.R.C.O.G. (Senior Lecturer)
S.K. Yip	M.B.,B.S.(H.K.); M.R.C.O.G. (Senior Lecturer)
J.C.K. Pang	M.B.,B.Chir.; M.A.Cantab; M.R.C.O.G.
L.C. Wong	M.B.,B.S.(H.K.); M.R.C.O.G.
P.M.K. Leung	M.B.,B.S.(H.K.); M.R.C.O.G.
V.C.W. Wong	M.B.,B.S.(H.K.); M.R.C.O.G.
E.S.M. Shiu	M.B.,B.S.(H.K.); M.R.C.O.G.
C.M. Yim	M.B.,B.S.(H.K.); M.R.C.O.G.
M.L. Sung	M.B.,B.S.(H.K.); M.R.C.O.G.
P.C. Ho	M.B.,B.S.(H.K.)
J.H.Elias Jones	M.B.,Ch.B.(Glas.); D.Obs.R.C.O.G.
*H. Abdullah	M.B.,B.S.(H.K.); F.R.C.O.G.
*S.K. Ip	M.B.,B.S.(H.K.); M.R.C.O.G.
*D.S.F. Lau	M.B.,B.S.(H.K.); M.R.C.O.G.
*W.M. Lee	M.B.,B.S.(H.K.); M.R.C.O.G.
*A.C. de Barros Lopes	M.B.,B.S.(H.K.); M.R.C.O.G.
*K.F. Luk	M.B.,B.S.(H.K.); M.R.C.O.G.
*Ma Fui Han (Miss)	M.B.,B.S.(H.K.); M.R.C.O.G.
*K.H. Mok	M.B.,B.S.(H.K.); M.R.C.O.G.
*L. Mullins	M.B., Ch.B.St.Andres; D.T.M.& H.; M.R.C.O.G.(Lond.)
*K.H. Ng	M.B.,B.S.(H.K.); M.R.C.O.G.
*K.H. Tang	M.B.,B.S.(H.K.); M.R.C.O.G.
*W.K. Tsang	M.B.,B.S.(H.K.); M.R.C.O.G.
*T.W. Wu	M.D., W.China Union; M.B.,B.S.(H.K.)
*C.C. Yu	M.B.,B.S.(H.K.); F.R.C.O.G.
*W.N. Yu	M.B.,B.S.(H.K.); M.R.C.O.G.

*Part-time Lecturer

MEDICAL STAFF OF THE TSAN YUK HOSPITAL (1976)

(Continued)

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:

W.Y. Lui M.B.,B.S.(H.K.); D.C.H.(Lond.); M.R.C.P.(Edin. & Lond.)

Consultant Pathologist:

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

Consultant Clinical Pathologist:

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

Consultant Physician:

Prof. D. Todd M.D.(H.K.); F.R.C.P.(Edin.); F.R.A.C.P.; M.R.C.P.(Lond.)

Consultant Chest Physician:

Sister Mary Aquinas M.B.,B.Ch.(N.U.I.); M.R.C.P.(Edin.)

W.G.L. Allan M.B.,Ch.B.(Aberdeen); D.T.M. & H. (Lond.); T.D.D.(Cardiff); D.P.H.(Lond.); F.A.C.C.P.

Consultant Psychiatrist:

Prof. K. Singer M.B.,B.S.; M.D.(H.K.); D.P.M.(Eng.); F.R.C.P.(Edin.); F.R.C.Psych.; M.A.N.Z.C.P.; F.A.P.A.

Ou Ta Wei, George D.P.M. & H.(Eng.); L.R.C.P.(Edin.); L.R.C.S.(Edin.); L.R.F.P. & S.Glas.; F.R.C.Psych.; D.P.M.(Eng.)

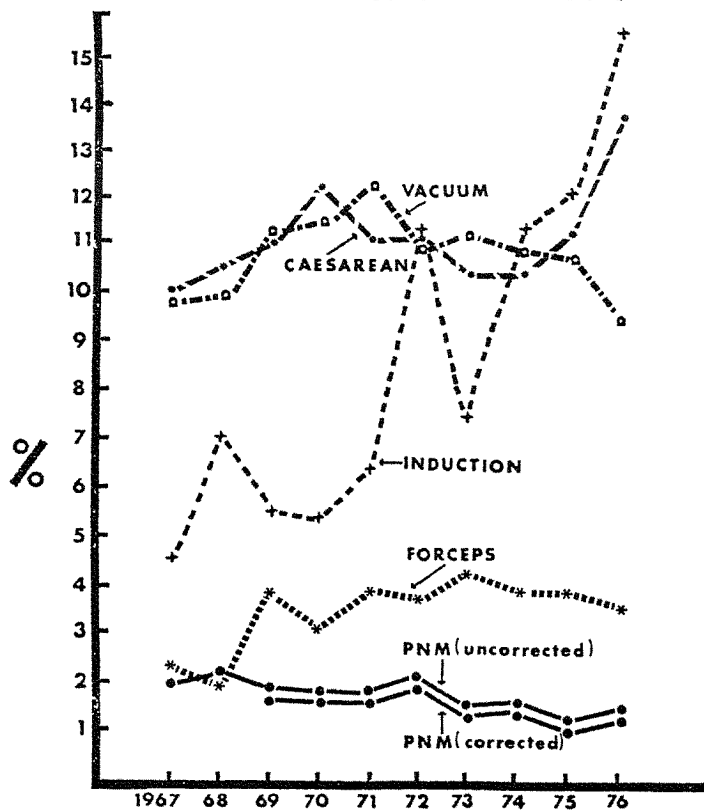
Consultant Radiologist:

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

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.); Hon.F.P.C.S.; J.P.

INTERFERENCE RATES & PERINATAL MORTALITY (1967 - 1976)



COMPARATIVE STATISTICS -

	<u>1967</u>	<u>1968</u>	<u>1969</u>
Adult patients admitted	5,469	6,047	5,919
Patients delivered in hospital	5,296	5,787	5,700
Primiparae	2,314	2,378	2,478
Multiparae	2,982	3,409	3,222
Patients admitted after delivery	52	113	97
Primiparae	4	10	5
Multiparae	48	103	92
Total patients delivered	5,347	5,900	5,797
Abortion	33	38	44
Patients transferred	23	23	22
Patients discharged undelivered	89	109	78
Pre-eclampsia	66	132	89
Eclampsia	3	7	9
Accidental antepartum haemorrhage	43	50	37
Placenta praevia	42	49	49
Postpartum haemorrhage	78	126	87
Contracted pelvis	354	333	350
Vacuum extraction	530	580	641
Vacuum extraction rate per cent	9.83	9.83	11.05
Forceps delivery	114	115	217
Forceps delivery rate per cent	2.06	1.95	3.74
Caesarean section	534	609	637
Caesarean section rate per cent	9.94	10.32	10.99
Maternal deaths	2	-	-
Maternal death rate			
(per 1000 cases admitted)	0.37	-	-
(per 1000 cases delivered)	0.37	-	-
Infants born in hospital	5,348	5,854	5,747
Infants born before admission	52	113	103
Total infants born	5,400	5,967	5,850
Infants transferred	17	21	22
Stillbirths (including macerated foetuses)	52	61	59
Stillbirth rate			
(per 1000 live and stillbirths)	9.63	10.22	10.11
Neo-natal deaths	59	82	56
Neo-natal death rate			
(per 1000 live births)	11.03	13.88	9.69
Perinatal deaths	108	132	109
Corrected perinatal mortality (excluding non-booked cases with IUD on admission)	- -	- -	96
Corrected perinatal mortality rate			
(per 1000 live and stillbirths)	- -	- -	16.49

1967 - 1976

<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>
6,073	5,891	6,539	6,986	7,420	6,956	7,504
5,851	5,519	6,177	6,563	7,052	6,507	6,925
2,478	2,255	2,902	2,879	3,523	3,612	3,679
3,373	3,264	3,275	3,684	3,529	2,895	2,960
118	113	76	95	70	67	86
13	8	11	8	9	2	15
105	105	65	87	61	65	71
5,969	5,632	6,253	6,658	7,122	6,574	7,011
42	35	38	38	27	53	151
24	5	13	21	19	15	21
62	224	248	290	271	329	342
57	60	120	153	253	366	616
8	2	2	5	9	3	7
51	42	31	17	28	14	23
49	39	57	33	36	44	42
103	103	84	119	102	95	73
391	260	241	239	251	144	190
680	678	685	743	768	687	652
11.39	12.04	10.95	11.16	10.78	10.45	9.30
170	212	233	277	266	245	249
2.85	3.76	3.73	4.16	3.73	3.73	3.55
723	620	693	686	745	744	966
12.11	11.01	11.08	10.30	10.46	11.32	13.78
2	-	3	2	1	-	1
0.33	-	0.46	0.29	0.13	-	0.13
0.17	-	0.48	0.30	0.14	-	0.14
5,906	5,563	6,227	6,615	7,107	6,560	6,982
118	116	78	91	70	67	86
6,024	5,679	6,305	6,706	7,177	6,627	7,068
-	-	6	6	6	4	6
58	43	60	39	57	36	55
9.64	7.58	9.53	5.82	7.95	5.44	7.79
52	59	68	58	62	64	48
8.72	10.48	10.91	8.70	8.72	9.72	6.85
106	95	126	94	112	92	100
98	88	123	92	108	87	96
16.28	15.51	19.54	13.73	15.07	13.14	13.59

STATISTICAL SUMMARY

Adult patients admitted	7,504
Patients delivered in hospital	6,925
Booked	6,639
Primiparae (Twins: 24 sets)	3,679
(Triples: - sets)	
Multiparae (Twins: 29 sets)	2,960
(Triples: 1 sets)	
Non-booked	286
Primiparae (Twins: 1 sets)	90
(Triples: - sets)	
Multiparae (Twins: 1 sets)	196
(Triples: - sets)	
Patients admitted after delivery	86
Booked	32
Primiparae (Twins: - sets)	10
(Triples: - sets)	
Multiparae (Twins: - sets)	22
(Triples: - sets)	
Non-booked	54
Primiparae (Twins: - sets)	5
(Triples: - sets)	
Multiparae (Twins: - sets)	49
(Triples: - sets)	
Total No. of patients delivered	7,011
Booked	6,671
Primiparae (Twins: 24 sets)	3,689
(Triples: - sets)	
Multiparae (Twins: 29 sets)	2,982
(Triples: 1 sets)	
Non-booked	340
Primiparae (Twins: 1 sets)	95
(Triples: - sets)	
Multiparae (Twins: 1 sets)	245
(Triples: - sets)	
Patients who aborted	151
Patients discharged undelivered	342
Maternal deaths	1
Maternal death rate (per 1,000 cases admitted)	0.13
(per 1,000 cases delivered)	0.14
Total No. of multiple pregnancies	56 ⁺
Total No. of infants born	7,068*
Total No. of infants born in hospital	6,982
Total No. of infants born before admission	86*
Total No. of live born infants	7,007**
Booked	6,682
Non-booked	325
Stillbirths	
Total	55
Booked	42
Non-booked	13

+ Including 1 set of triplets.

* Including 6 BBA babies who were not admitted.

** Excluding 6 BBA babies who were not admitted.

STATISTICAL SUMMARY (Continued)

Stillbirth rate (per 1,000 live and stillbirths)	
Total	7.79
Booked	6.25
Non-booked	38.46
Neonatal deaths	
Total	48
Booked	39
Non-booked	9
Neonatal death rate (per 1,000 live births)	
Total	6.85
Booked	5.84
Non-booked	27.69
Perinatal deaths	
Total	100
Booked	78
Non-booked	22
Perinatal death rate (per 1,000 live and stillbirths)	
Total	14.16
Booked	11.60
Non-booked	65.09
* Corrected perinatal mortality (Excluding non-booked cases with I.U.D. on admission)	
Total	96
Booked	78
Non-booked	18
Corrected perinatal mortality rate (per 1,000 live and stillbirths)	
Total	13.59
Booked	11.60
Non-booked	53.25
Antenatal Clinic:-	
Total visits	51,795
New patients	6,846
Re-attendances	44,949
Postnatal Clinic:-	
Total visits	5,669
New patients	4,609
Re-attendances	1,060

TABLE 1

ASSOCIATED DISEASES

ANAEMIA

Total No. of cases	1,507
Booked	1,467
Non-booked	40
Primiparae	818
Multiparae	689
Incidence	21.49 %

TYPE OF ANAEMIA :-

1. Iron deficiency anaemia	742
2. Thalassaemia major	2
3. Thalassaemia minor	29
4. Combined iron deficiency and Thalassaemia	1
5. Other haemoglobinopathy	4
6. Other haemolytic anaemia	-
7. Others	98
8. Unknown	631

URINARY TRACT INFECTIONS (Antenatal)

Total No. of cases	76
Incidence	1.08 %
Multiple pregnancy	1

AGE GROUP:-

	No. of cases	Per- centage	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	6	7.90	6	-	-	-
21 - 25	30	39.47	31	-	-	-
26 - 30	27	35.53	27	-	1	-
31 - 35	5	6.58	5	-	-	-
36 - 40	4	5.26	4	-	-	-
41 & over	4	5.26	4	-	-	-
Total	76	100.00	77	-	1	-

PARITY:-

Para 0	49	64.47	50	-	1	-
Para 1	10	13.16	10	-	-	-
Para 2 & over	17	22.37	17	-	-	-
Total	76	100.00	77	-	1	-

TABLE 1 (Continued)

PULMONARY TUBERCULOSIS

	Active
Total No. of cases	19
Booked	18
Non-booked	1
Primiparae	10
Multiparae	9
Incidence	0.27 %
S.B.	0
N.N.D.	0
P.N.D.	0

TABLE 1 (Continued)

DIABETES MELLITUS

Total No. of cases	16*
Booked	16
Non-booked	0
Primiparae	8
Multiparae	8
Incidence	0.23 %
Maternal deaths	-
S. B.	2 (12.50 %)
N. N. D.	-
P. N. D.	2 (12.50 %)

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	-	-	-	-	-	-	-
21 - 25	4	25.00	-	4	1	-	1
26 - 30	7	43.75	-	7	1	-	1
31 - 35	3	18.75	-	3	-	-	-
36 - 40	1	6.25	-	1	-	-	-
41 & over	1	6.25	-	1	-	-	-
Total	16	100.00	-	16	2	-	2

PARITY:-

Para 0	8	50.00	-	8	2	-	2
Para 1	5	31.25	-	5	-	-	-
Para 2 & over	3	18.75	-	3	-	-	-
Total	16	100.00	-	16	2	-	2

METHOD OF DELIVERY:-

Spontaneous	7	43.75	-	7	2	-	2
L.S.C.S.	9	56.25	-	9	-	-	-
Total	16	100.00	-	16	2	-	2

* Including 2 cases of Potential Diabetes.

TABLE 1 (Continued)

THYROTOXICOSIS

No. of cases	18
Booked	18
Non-booked	-
Primiparae	9
Multiparae	9
Incidence	0.26 %
Maternal deaths	-
S. B.	-
N. N. D.	-
P. N. D.	-

TABLE 2

ABORTION

Total No. of cases	151
Booked	148
Non-booked	3
Primiparae	36
Multiparae	115
Incidence	2.11 %
Maternal deaths	-

Types of abortion :-

Induced abortion	99
Spontaneous abortion	52

TABLE 3
CARDIAC DISEASE

Total No. of cases	90	
Booked	89	
Non-booked	1	
Primiparae	47	
Multiparae	43	
Incidence	1.28 %	
Total No. of babies	90	
Multiple pregnancies	-	
Maternal deaths	-	
S. B.	1	(1.11 %)
N. N. D.	2	(2.25 %)
P. N. D.	3	(3.33 %)

ANATOMICAL LESIONS:-

A. Rheumatic heart disease	62
(a) Mitral lesion	57
(b) Mitral and aortic lesions	5
(c) Aortic lesion	-
B. Congenital heart disease	12
C. Others	16

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	13	14.45	-	13	-	-	-
21 - 25	37	41.11	-	37	1	-	1
26 - 30	35	38.89	-	35	-	2	2
31 - 35	4	4.44	-	4	-	-	-
36 - 40	1	1.11	-	1	-	-	-
41 & over	-	-	-	-	-	-	-
Total	90	100.00	-	90	1	2	3

PARITY:-

Para 0	47	52.22	-	47	-	-	-
Para 1	28	31.11	-	28	1	-	1
Para 2 & over ...	15	16.67	-	15	-	2	2
Total	90	100.00	-	90	1	2	3

METHOD OF DELIVERY:-

Spontaneous	45	50.00	-	45	-	1	1
Vacuum extraction..	22	24.45	-	22	-	-	-
Forceps	10	11.11	-	10	-	-	-
Assisted breech with forceps for A.C.H.	1	1.11	-	1	1	-	1
L.S.C.S.	12	13.33	-	12	-	1	1
Total	90	100.00	-	90	1	2	3

FUNCTIONAL GRADING:-

	No. of cases
Class I	71
Class II	16
Class III	-
Class IV	3
Deterioration during pregnancy	0
Post-valvotomy	2

TABLE 4

TOXAEMIA OF PREGNANCY

Total No. of cases	1,201		
Incidence	17.13%		
Total No. of babies	1,228		
Multiple pregnancies	26*		
Maternal deaths	-		
S.B.	13	(1.06 %)	
N.N.D.	15	(1.23 %)	
P.N.D.	27	(2.20 %)	

BOOKED AND NON-BOOKED:-

	No. of cases	Per- centage	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	1,150	95.75	1,174	11	14	24
Non-booked	51	4.25	54	2	1	3
Total	1,201	100.00	1,228	13	15	27

Type of Toxaemia:-

	No. of cases	Percentage among toxaemia
Pre-eclampsia	616	51.29
Eclampsia	7	0.58
Unclassified toxaemia 'A'	516	42.97
Unclassified toxaemia 'B'	19	1.58
Recurrent toxaemia	31	2.58
Essential hypertension	9	0.75
Chronic nephritis	3	0.25

Definition:-

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

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

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

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

TABLE 5

PRE-ECLAMPSIA

Total No. of cases	616		
Mild	550		
Severe	66		
Incidence:- Overall	8.79 %		
Among toxæmia	51.29 %		
Total No. of babies	626		
Multiple pregnancies	10		
Maternal deaths	-		
S. B.	7	(1.12 %)	
N. N. D.	9	(1.45 %)	
P. N. D.	15	(2.40 %)	

BOOKED AND NON-BOOKED:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	608	98.70	-	618	6	9	14
Non-booked	8	1.30	-	8	1	-	1
Total	616	100.00	-	626	7	9	15

AGE GROUP:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	54	8.77	-	54	2	-	2
21 - 25	272	44.15	-	278	2	7	9
26 - 30	219	35.55	-	223	2	1	2
31 - 35	46	7.47	-	46	1	-	1
36 - 40	18	2.92	-	18	-	1	1
41 & over	7	1.14	-	7	-	-	-
Total	616	100.00	-	626	7	9	15

PRE-ECLAMPSIA (Continued)

PARITY:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	477	77.44	-	485	4	7	10
Para 1	77	12.50	-	79	2	1	3
Para 2 & over	62	10.06	-	62	1	1	2
Total	616	100.00	-	626	7	9	15

METHOD OF DELIVERY:-

Spontaneous	280	45.45	-	281	6	1	7
Vacuum extraction ..	112	18.18	-	113	-	1	1
Forceps	38	6.17	-	40	-	2	2
Breech	8	1.30	-	10	-	2	1
Caesarean section ..	178	28.90	-	182	1	3	4
Total	616	100.00	-	626	7	9	15

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 & FETAL LOSS

	Total No. of babies	Mild		P.N.D.	No. of babies	Severe		P.N.D.	P.N.D.
		S.B.	N.N.D.			S.B.	N.N.D.		
PRIMIPARAE									
(A) Spontaneous labour	240	212	2	4	5	28	1	1	1
(1) Spont. Vertex delivery	102	99	2	-	2	3	-	-	-
(2) Spont. Breech delivery	-	-	-	-	-	4	-	-	-
(3) Vacuum Extraction	45	41	-	-	-	6	-	-	-
(4) Forceps	25	19	2	2	2	1	1	1	1
(5) Assisted Breech delivery	3	2	-	1	1	14	-	-	-
(6) C. S.	65	51	-	1	1	-	-	-	-
(B) Induced labour	245	216	2	1	3	29	1	1	1
(1) Spont. Vertex delivery	88	85	1	-	1	3	-	-	-
(2) Spont. Breech delivery	-	-	-	-	-	6	-	-	-
(3) Vacuum Extraction	58	52	-	1	1	3	-	-	-
(4) Forceps	10	7	1	-	1	-	-	-	-
(5) Assisted Breech delivery	4	4	1	-	1	17	-	1	1
(6) C. S.	85	68	-	-	-	-	-	-	-
Total	485	428	4	5	8	57	2	2	2
MULTIPARAE									
(A) Spontaneous labour	82	74	-	-	-	8	2	2	4
(1) Spont. Vertex delivery	45	42	-	-	-	3	1	1	3
(2) Spont. Breech delivery	-	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	7	7	-	-	-	1	-	-	-
(4) Forceps	5	4	-	-	-	-	-	-	-
(5) Assisted Breech delivery	1	1	-	-	-	4	-	-	-
(6) C. S.	24	20	-	-	-	-	-	1	1
(B) Induced labour	59	57	1	-	1	2	-	-	-
(1) Spont. Vertex delivery	46	44	1	-	1	2	-	-	-
(2) Spont. Breech delivery	-	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	3	3	-	-	-	-	-	-	-
(4) Forceps	-	-	-	-	-	-	-	-	-
(5) Assisted Breech delivery	2	2	-	-	-	-	-	-	-
(6) C. S.	8	8	-	-	-	-	-	-	-
Total	141	131	1	-	1	10	2	2	4
GRAND TOTAL	626	559	5	5	9	67	2	4	6

PRE-ECLAMPSIA (Continued)

BIRTH WEIGHT & FOETAL LOSS:-

	Birth weight (grams)	No. of babies	S.B.	N.N.D.	P.N.D.
(A)	Spontaneous labour	322	4	8	11
	Under 1,500	6	1	4	4
	1,501 - 2,000	4	-	2	2
	2,001 - 2,500	33	1	2	3
	2,501 - 3,000	120	1	-	1
	3,001 - 3,500	136	-	-	-
	3,501 - 4,000	20	1	-	1
	4,001 & over	3	-	-	-
(B)	Induced labour	304	3	1	4
	Under 1,500	-	-	-	-
	1,501 - 2,000	4	-	-	-
	2,001 - 2,500	23	-	-	-
	2,501 - 3,000	119	1	1	2
	3,001 - 3,500	122	2	-	2
	3,501 - 4,000	33	-	-	-
	4,001 & over	3	-	-	-
	Total	626	7	9	15

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

	No. of cases
Toxaemia	182
Foetal distress	48
Contracted pelvis	33
Malpresentations: P.O.P. or P.O.T.	33
Breech	28
Transverse lie	2
Failed induction of labour	22
Previous L.S.C.S.	20
Unfavourable pelvis	19
C-P disproportion	9
Elderly primigravidae	9
Uterine dysfunction	6
Maternal distress	3
Prolapse of cord	2
Placenta praevia	2
Accidental haemorrhage	1

Table 6

ECLAMPSIA

No. of cases	7	
Incidence:- Overall	0.10 %	
Among toxemia	0.58 %	
Total No. of babies	8	
Multiple pregnancies	1	
Maternal deaths	-	
S. D.	1	(12.50 %)
N. N. D.	-	(- %)
P. N. D.	1	(12.50 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	4	57.14	-	4	-	-	-
Non-booked	3	42.86	-	4	1	-	1
Total	7	100.00	-	8	1	-	1

AGE GROUP:-

20 & under	2	28.57	-	2	-	-	-
21 - 25	2	28.57	-	3	-	-	-
26 - 30	3	42.86	-	3	1	-	1
31 - 35	-	-	-	-	-	-	-
36 - 40	-	-	-	-	-	-	-
41 & over	-	-	-	-	-	-	-
Total	7	100.00	-	8	1	-	1

PARITY:-

Para 0	5	71.43	-	6	-	-	-
Para 1	2	28.57	-	2	1	-	1
Para 2 & over	-	-	-	-	-	-	-
Total	7	100.00	-	8	1	-	1

METHOD OF DELIVERY:-

Spontaneous	3	42.86	-	3	-	-	-
Vacuum extraction	-	-	-	-	-	-	-
Low forceps	2	28.57	-	3	-	-	-
Cesarean section	2	28.57	-	2	1	-	1
Total	7	100.00	-	8	1	-	1

Table 7

UNCLASSIFIED TOXAEMIA 'A'

Total No. of cases	516	
Incidence:- Overall	7.36 %	
Among toxæmia	42.96 %	
Total No. of babies	532	
Multiple pregnancies	15*	
Maternal deaths	-	
S. B.	2	(0.38 %)
N. N. D.	4	(0.75 %)
P. N. D.	6	(1.13 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	479	92.83	-	493	2	3	5
Non-booked	37	7.17	-	39	-	1	1
Total	516	100.00	-	532	2	4	6

AGE GROUP:-

20 & under	87	16.86	-	88	-	-	-
21 - 25	172	33.33	-	177	1	1	2
26 - 30	147	28.49	-	153	1	2	3
31 - 35	66	12.79	-	68	-	-	-
36 - 40	36	6.98	-	38	-	-	-
41 & over	8	1.55	-	8	-	1	1
Total	516	100.00	-	532	2	4	6

PARITY:-

Para 0	281	54.46	-	289	1	-	1
Para 1	100	19.38	-	103	-	1	1
Para 2 & over ...	135	26.16	-	140	1	3	4
Total	516	100.00	-	532	2	4	6

* Including one set of triplets.

UNCLASSIFIED TOXÆMIA 'A' (Continued)

METHOD OF DELIVERY AND FOETAL LOSS:-

METHOD OF DELIVERY	No. of babies	Booked			No. of babies	Non-booked		
		S.B.	N.N.D.	P.N.D.		S.B.	N.N.D.	P.N.D.
PRIMIPARÆ								
(A) Spontaneous labour	141	-	-	-	10	-	-	-
(1) Spont. vertex delivery ...	90	-	-	-	3	-	-	-
(2) Spont. breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum extraction	17	-	-	-	-	-	-	-
(4) Forceps	10	-	-	-	-	-	-	-
(5) Breech delivery	1	-	-	-	2	-	-	-
(6) C. S.	23	-	-	-	5	-	-	-
(B) Induced labour	136	1	-	1	2	-	-	-
(1) Spont. vertex delivery ...	62	1	-	1	-	-	-	-
(2) Spont. breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum extraction	32	-	-	-	-	-	-	-
(4) Forceps	7	-	-	-	-	-	-	-
(5) Breech delivery	2	-	-	-	-	-	-	-
(6) C. S.	33	-	-	-	2	-	-	-
Total	277	1	-	1	12	-	-	-
MULTIPARÆ								
(A) Spontaneous labour	104	1	-	1	14	-	1	1
(1) Spont. vertex delivery ...	72	-	-	-	9	-	-	-
(2) Spont. breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum extraction	7	1	-	1	1	-	-	-
(4) Forceps	4	-	-	-	-	-	-	-
(5) Breech delivery	3	-	-	-	-	-	-	-
(6) C. S.	18	-	-	-	4	-	1	1
(B) Induced labour	112	-	3	3	13	-	-	-
(1) Spont. vertex delivery ...	82	-	2	2	10	-	-	-
(2) Spont. breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum extraction	7	-	-	-	1	-	-	-
(4) Forceps	2	-	-	-	-	-	-	-
(5) Breech delivery	3	-	-	-	1	-	-	-
(6) C. S.	18	-	1	1	1	-	-	-
Total	216	1	3	4	27	-	1	1
GRAND TOTAL	493	2	3	5	39	-	1	1

UNCLASSIFIED TOXAEMIA 'A' (Continued)

BIRTH WEIGHT AND FETAL LOSS:-

	Birth weight (grams.)	No. of babies	S.B.	N.N.D.	P.N.D.
(A) Spontaneous labour		269	1	1	2
Under 1,500		1	-	-	-
1,501 - 2,000		7	-	-	-
2,001 - 2,500		31	1	1	2
2,501 - 3,000		107	-	-	-
3,001 - 3,500		97	-	-	-
3,501 - 4,000		25	-	-	-
4,001 & over		1	-	-	-
(B) Induced labour		263	1	3	4
Under 1,500		1	1	-	1
1,501 - 2,000		6	-	2	2
2,001 - 2,500		23	-	-	-
2,501 - 3,000		107	-	1	1
3,001 - 3,500		92	-	-	-
3,501 - 4,000		31	-	-	-
4,001 & over		3	-	-	-
Total		532	2	4	6

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

	No. of cases
Toxaemia	31
Failed induction of labour	15
Failed trial of labour	12
Malpresentations: Breech	9
Brow	1
Face	1
Transverse lie	1
Previous C.S.	8
Unfavourable pelvis	6
Foetal distress	6
Contracted pelvis	4
A.P.H. of unknown origin	3
Malpositions: P.O.P. or P.O.T.	3
Placenta praevia	2
Uterine dysfunction	2
Elderly primigravida	1
Other indications	4

Table 8

UNCLASSIFIED TOXAEMIA 'B'

Total No. of cases	19		
Incidence:- Overall	0.27 %		
Among toxemia	1.58 %		
Total No. of babies	19		
Multiple pregnancies	-		
Maternal deaths	-		
S.B.	-	(- %)	
N.N.D.	1	(5.26 %)	
P.N.D.	1	(5.26 %)	

BOOKED AND NON-BOOKED:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	17	89.47	-	17	-	1	1
Non-booked	2	10.53	-	2	-	-	-
Total	19	100.00	-	19	-	1	1

AGE GROUP:-

20 & under	2	10.53	-	2	-	-	-
21 - 25	7	36.84	-	7	-	-	-
26 - 30	4	21.05	-	4	-	1	1
31 - 35	3	15.79	-	3	-	-	-
36 - 40	3	15.79	-	3	-	-	-
41 & over	-	-	-	-	-	-	-
Total	19	100.00	-	19	-	1	1

PARITY:-

Para 0	9	47.36	-	9	-	1	1
Para 1	5	26.32	-	5	-	-	-
Para 2 & over	5	26.32	-	5	-	-	-
Total	19	100.00	-	19	-	1	1

UNCLASSIFIED TOXALMLL 'B' (Continued)

METHOD OF DELIVERY AND FOETAL LOSS:-

Method of delivery	No. of babies	Booked			No. of babies	Non-booked			
		S.B.	N.N.D.	P.N.D.		S.B.	N.N.D.	P.N.D.	
PRIMIPARAE									
(A) Spontaneous labour	2	-	1	1	1	-	-	-	
(1) Spont. Vertex delivery ...	-	-	-	-	-	-	-	-	
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-	
(3) Vacuum Extraction	-	-	-	-	-	-	-	-	
(4) Forceps	-	-	-	-	-	-	-	-	
(5) Breech delivery	-	-	-	-	-	-	-	-	
(6) C. S.	2	-	1	1	1	-	-	-	
(B) Induced labour	6	-	-	-	-	-	-	-	
(1) Spont. Vertex delivery ...	1	-	-	-	-	-	-	-	
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-	
(3) Vacuum Extraction	2	-	-	-	-	-	-	-	
(4) Forceps	-	-	-	-	-	-	-	-	
(5) Breech delivery	-	-	-	-	-	-	-	-	
(6) C. S.	3	-	-	-	-	-	-	-	
Total	8	-	1	1	1	-	-	-	
MULTIPARAE									
(A) Spontaneous labour	7	-	-	-	1	-	-	-	
(1) Spont. Vertex delivery ...	5	-	-	-	1	-	-	-	
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-	
(3) Vacuum Extraction	1	-	-	-	-	-	-	-	
(4) Forceps	-	-	-	-	-	-	-	-	
(5) Breech delivery	-	-	-	-	-	-	-	-	
(6) C. S.	1	-	-	-	-	-	-	-	
(B) Induced labour	2	-	-	-	-	-	-	-	
(1) Spont. Vertex delivery ...	2	-	-	-	-	-	-	-	
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-	
(3) Vacuum Extraction	-	-	-	-	-	-	-	-	
(4) Forceps	-	-	-	-	-	-	-	-	
(5) Breech delivery	-	-	-	-	-	-	-	-	
(6) C. S.	-	-	-	-	-	-	-	-	
Total	9	-	-	-	1	-	-	-	

UNCLASSIFIED TOXAEMIA 'B' (Continued)

BIRTH WEIGHT AND FETAL LOSS -

	Birth weight (grams)	No. of babies	S.B.	N.N.D.	P.N.D.
(A) Spontaneous labour		11	-	1	1
Under 1,500		1	-	1	1
1,501 - 2,000		-	-	-	-
2,001 - 2,500		1	-	-	-
2,501 - 3,000		4	-	-	-
3,001 - 3,500		4	-	-	-
3,501 - 4,000		1	-	-	-
4,001 & over		-	-	-	-
(B) Induced labour		8	-	-	-
Under 1,500		-	-	-	-
1,501 - 2,000		-	-	-	-
2,001 - 2,500		1	-	-	-
2,501 - 3,000		2	-	-	-
3,001 - 3,500		5	-	-	-
3,501 - 4,000		-	-	-	-
4,001 & over		-	-	-	-
Total		19	-	1	1

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

	No. of cases.
Toxaemia	7
Foetal distress	2
Maternal distress	1
Previous C.S.	1
Failed induction of labour	1
Other indications	2

Table 9

RECURRENT TOXAEMIA

Total No. of cases	31
Booked	30
Non-booked	1
Primiparae	2
Multiparae	29
Incidence:- Overall	0.44 %
Among toxæmia	2.58 %
Total No. of babies	31
Multiple pregnancies	-
Maternal deaths	-
S. B.	1 (3.23 %)
N. N. D.	- (- %)
P. N. D.	1 (3.23 %)

Table 10

ESSENTIAL HYPERTENSION

Total No. of cases	9	
Booked	9	
Non-booked	-	
Primiparae	2	
Multiparae	7	
Incidence:- Overall	0.13	%
Among toxemia	0.75	%
Total No. of babies	-	
Multiple pregnancies	-	
Maternal deaths	-	
S. B.	1	(11.11 %)
M. N. D.	1	(12.50 %)
P. N. D.	2	(22.22 %)

Table 11

CHRONIC NEPHRITIS

Total No. of cases	3	
Booked	3	
Non-booked	-	
Primiparae	2	
Multiparae	1	
Incidence:- Overall	0.04	%
Among toxemia	0.25	%
Total No. of babies	3	
Multiple pregnancies	-	
Maternal deaths	-	
S. B.	1	(33.33 %)
M. N. D.	-	(- %)
P. N. D.	1	(33.33 %)

Table 12

PERSISTENT POSTERIOR POSITION OF THE OCCIPUT
AND TRANSVERSE ARREST

Total No. of cases	274		
Incidence	3.91%		
Total No. of babies	274		
Multiple pregnancies	1*		
Maternal deaths	-		
S. B.	1	(0.36 %)	
N. N. D.	2	(0.73 %)	
P. N. D.	3	(1.09 %)	

BOOKED AND NON-BOOKED:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	259	94.53	-	259	-	2	2
Non-booked	15	5.47	-	15	1	-	1
Total	274	100.00	-	274	1	2	3

SUMMARY OF LABOUR:-

	No. of cases
Labour lasting more than 24 hours	2

METHOD OF DELIVERY:-

	No. of babies
Spontaneous delivery (face to pubis)	16
Vacuum extraction	48
Forceps	13
Manual rotation and mid-forceps	-
Manual rotation and low forceps	-
Caesarean section **.....	197
Total	274

* Only one baby 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	268
Booked	243
Non-booked	25
Primiparae	128
Multiparae	140
Single pregnancies	251
Multiple pregnancies	17
Maternal deaths	-
Total No. of babies	273*
Incidence	3.82%
Caesarean section	144
Caesarean section rate	53.73%

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

BREECH PRESENTATIONS (Continued)

UNCOMPLICATED BREECH DELIVERIES

Total No. of cases	117
Maternal deaths	-
S. B.	1 (0.85 %)
N. N. D.	3 (2.59 %)
P. N. D.	4 (3.42 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	110	94.02	-	110	1	1	2
Non-booked	7	5.98	-	7	-	2	2
Total	117	100.00	-	117	1	3	4

METHOD OF DELIVERY, BIRTH WEIGHT AND FOETAL LOSS:-

Method of delivery \ Birth weight.	Below 3,500 gms.				3,501 gms. & over			
	No. of babies	S.B.	N.N.D.	P.N.D.	No. of babies	S.B.	N.N.D.	P.N.D.
Assisted with forceps for A.C.H.	24	-	1	1	3	-	-	-
Assisted with B.M.T. for A.C.H.	33	1	1	2	3	-	-	-
C. S.	37	-	1	1	17	1	-	-
Total	94	1	3	4	23	-	-	-

Caesarean section rate 46.15 %

BREECH PRESENTATIONS (Continued)

COMPLICATED BREECH DELIVERIES

Total No. of cases	151		
Multiple pregnancies	17		
Total No. of babies	156*		
Maternal deaths	-		
S. B.	7	(	4.49 %)
N. N. D.	10	(	6.71 %)
P. N. D.	16	(	10.26 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	133	88.08	-	138	5	5	9
Non-booked	18	11.92	-	18	2	5	7
Total	151	100.00	-	156	7	10	16

METHOD OF DELIVERY AND FOETAL RESULT:-

	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	2	2	-	2
Vacuum extraction	-	-	-	-
Assisted breech with forceps for A.C.H.	35	-	5	4
Assisted breech with B.M.T. for A.C.H.	28	4	3	7
Breech extraction	1	-	1	1
C. S.	90	1	1	2
Total	156	7	10	16

Caesarean section rate 57.69 %

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

	No. of cases
Toxaemia	59
Twin pregnancy	17
Contracted pelvis	12
Prolapse of cord	4
Placenta praevia	3
Accidental haemorrhage	2
A.P.H. of unknown origin	2
Prolonged leaking	1

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

Table 14
TRANSVERSE AND OBLIQUE LIE
(in labour)

Total No. of cases	14
Booked	13
Non-booked	1
Incidence	0.20%
Total No. of babies	14
Multiple pregnancies	1*
Maternal deaths	-
S.B.	-
N.N.D.	-
P.N.D.	-
Method of delivery:	
L.S.C.S.	14

*Only 1 baby was in transverse lie.

ASSOCIATED CONDITION :- (more than 1 associated condition may be present in 1 case)

Associated conditions	No. of babies
Multiple pregnancy	1
Placenta praevia	13
Toxaemia	1

Table 15

FACE AND BROW PRESENTATION

Total No. of cases	10
Booked	10
Non-booked	-
Incidence	0.14%
Total No. of babies	-
Multiple pregnancies	-
Maternal deaths	-
S.B.	-
N.N.D.	-
P.N.D.	-

Method of delivery	No. of babies
Spontaneous	2
Low Forceps	1
Caesarean Section	7
Total	10

Table 16
COMPOUND PRESENTATION

Total No. of cases	2
Booked	2
Non-booked	-
Incidence	0.03%
Total No. of babies	2
Multiple pregnancies	-
Maternal deaths	-
S.B.	-
N.N.D.	-
P.N.D.	-

Method of delivery	No. of babies
Caesarean Section	2

Table 17
PROLAPSE AND PRESENTATION OF CORD

Total No. of cases	9
Booked	9
Non-booked	-
Incidence	0.13%
Total No. of babies	9
Multiple pregnancies	-
Maternal deaths	-
S.B.	-
N.N.D.	-
P.N.D.	-

Method of delivery	No. of babies
Spontaneous	1
Low forceps	2
Assisted breech	4
Caesarean Section	2
Total	9

Presentation	No. of babies
Vertex	4
Breech	5
Total	9

Table 18
HYDRAMNIOS

Total No. of cases	7
Booked	6
Non-booked	1
Incidence	0.10%
Total No. of babies	7
Multiple pregnancies	1*
Maternal deaths	-
S.B.	-
N.N.D.	3 (42.86)
P.N.D.	3 (42.86)

ASSOCIATED FOETAL ABNORMALITIES:-	No. of cases
Anomalies of limbs	1
Anomalies of cardio-vascular system	1
Anomalies of respiratory tract	1
Anomalies of Gastro-intestinal tract	2
Multiple anomalies	2

*Only one baby of a set of twins was complicated by hydramnios.

Table 19
PROLONGED LABOUR

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

Total No. of cases	2
Primiparae	2
Multiparae	-
Booked	2
Non-booked	-
Incidence	0.03%
Total No. of babies	2
Multiple pregnancies	-
Maternal deaths	-
S.B.	-
N.N.D.	-
P.N.D.	-

Method of delivery	No. of babies
Vacuum extraction	1
Caesarean Section	1
Total	2

Duration of labour (hours)	No. of cases
> 24	2

Age group (years)	No. of cases
26 - 30	2

Table 20

LABOUR FOLLOWING PREVIOUS CAESAREAN SECTION

Total No. of cases	109		
Total No. of babies	109		
Incidence	1.55%		
Multiple pregnancies	-		
Maternal deaths	-		
S. B.	2	(1.83 %)	
N. N. D.	-	(- %)	
P. N. D.	2	(1.83 %)	

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	107	98.17	-	107	2	-	2
Non-booked	2	1.83	-	2	-	-	-
Total	109	100.00	-	109	2	-	2

METHOD OF DELIVERY:-

	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	49	1	-	1
Vacuum extraction	24	-	-	-
Low forceps	4	-	-	-
Assisted breech	3	1	1	1
C. S.	29	-	-	-
Laparotomy and hysterectomy	-	-	-	-
Total	109	2	-	2

Table 21

INDUCTION OF LABOUR

Total No. of cases	1096		
Incidence	15.63	%	
Total No. of babies	1119		
Multiple pregnancies	22*		
Maternal deaths	-		
S. B.	17	(1.52 %)	
N. N. D.	8	(0.73 %)	
P. N. D.	25	(2.23 %)	
Success rate	83.94	%	

BOOKED AND NON-BOOKED:-

	No. of case ;	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	1048	95.62	1	1071	13	8	21
Non-booked	48	4.38	-	48	4	-	4
Total	1096	100.00	1	1119	17	8	25

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

	No. of cases
Toxaemia of pregnancy	575
Prolonged leakage of liquor or rupture of membranes .	225
Postmaturity	153
A.P.H. of unknown origin	84
Congenital malformation of foetus	15
Intrauterine death	14
Accidental haemorrhage	5
Diabetes mellitus	1
Others	98

*Including one set of triplets

INDUCTION OF LABOUR (Continued)

METHOD OF INDUCTION:-

Medical	283	(25.82 %)
Surgical	386	(35.22 %)
Combined medical and surgical	427	(38.96 %)

MEDICAL INDUCTION

PARITY:-

	No. of cases	Per- centage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Para 0	214	75.62	-	9	3	12
Para 1	41	14.49	-	3	-	3
Para 2 & over	28	9.89	-	2	1	3
Total	283	100.00	-	14	4	18

METHOD OF DELIVERY:-

	No. of babies	Per- centage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Spontaneous	157	54.89	-	11	1	12
Vacuum extraction	45	15.73	-	-	-	-
Forceps	5	1.75	-	-	1	1
Assisted breech with forceps for A.C.H.	5	1.75	-	-	-	-
Assisted breech with B.M.T. for A.C.H.	7	2.45	-	2	-	2
C.S.	67	23.43	-	1	2	3
Total	286*	100.00	-	14	4	18

*Including 3 sets of twins

SURGICAL INDUCTION

PARITY:-

	No. of cases	Per- centage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Para 0	196	50.78	-	-	-	-
Para 1	83	21.50	-	-	-	-
Para 2 & over	107	27.72	-	-	2	2
Total	386	100.00	-	-	2	2

INDUCTION OF LABOUR (Continued)

METHOD OF DELIVERY:-

	No. of Babies	Percentage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Spontaneous	276	70.95	-	-	1	1
Vacuum extraction ...	52	13.37	-	-	-	-
Low Forceps	7	1.80	-	-	-	-
Assisted Breech with BMT for A.C.H.	1	0.26	-	-	-	-
L.S.C.S.	53	13.62	-	-	1	1
Total	389*	100.00	-	-	2	2

*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	309	72.37	-	2	1	3
Para 1	68	15.92	-	-	1	1
Para 2 & over	50	11.71	-	1	-	1
Total	427	100.00	-	3	2	5

METHOD OF DELIVERY:-

	No. of Babies	Percentage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Spontaneous	223	50.22	-	2	1	3
Vacuum extraction	76	17.12	-	-	1	1
Low forceps	17	3.83	-	-	-	-
Asst. Breech with B.M.T. for A.C.H.	4	0.90	-	-	-	-
Asst. Breech with forceps for A.C.H.	3	0.68	-	-	-	-
C.S.	121	27.25	-	1	-	1
Total	444*	100.00	-	3	2	5

* Including 15 sets of twins and 1 set of triplets

Table 22

VACUUM EXTRACTION

Total No. of cases	652
Incidence	9.30 %
Total No. of babies	653
Multiple pregnancies	9*
Maternal deaths	-
S.B.	2 (0.31 %)
N.N.D.	2 (0.31 %)
P.N.D.	3 (0.46 %)

BOOKED AND NON-BOOKED:-

	No.of cases	Per- centage	Maternal deaths	No.of live births	S.B.	N.N.D.	P.N.D.
Booked	634	97.24	-	635	2	2	3
Non-booked	18	2.76	-	18	-	-	-
Total ,.....	652	100.00	-	653	2	2	3

PARITY:-

Para 0	551	84.51	-	551	1	2	2
Para 1 ;.....	72	11.04	-	72	-	-	-
Para 2 & over	29	4.45	-	30	1	-	1
Total	652	100.00	-	653	2	2	3

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

Prolonged 2nd stage	228
Foetal distress	177
Toxaemia of pregnancy	113
P.O.P. or P.O.T.	48
Uterine dysfunction	46
Maternal distress	41
Previous L.S.C.S.	24
Cardiac disease	23
APH of unknown origin	16
Contracted pelvis	11
Both Foetal & Maternal distress	7
Elderly primigravida	5
Pulmonary tuberculosis	4
Unfavourable pelvis	2
C-P disproportion	1
Other indications	16

* In only 1 set of twins, both babies were delivered by Vacuum Extraction.

Table 23
FORCEPS DELIVERY

Total No. of cases	249
Incidence	3.55 %
Total No. of babies	262
Multiple pregnancies	29*
Maternal deaths	-
S.B.	2 (0.76%)
N.N.D.	12 (4.62%)
P.N.D.	11 (4.20%)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	224	89.96	-	236	1	9	7
Non-booked	25	10.04	-	26	1	3	4
Total	249	100.00	-	262	2	12	11

PARITY:-

Para 0	160	64.26	-	171	-	9	7
Para 1	57	22.89	-	58	1	2	2
Para 2 & over	32	12.85	-	33	1	1	2
Total	249	100.00	-	262	2	12	11

Type of Forceps and Foetal Loss:-

Type of forceps	Foetal loss				No. of babies			
	No. of Babies	Primiparae			No. of Babies	Multiparae		
		S.B.	N.N.D.	P.N.D.		S.B.	N.N.D.	P.N.D.
Low forceps	141	-	6	5	59	2	1	2
Manual rotation & mid forceps	-	-	-	-	-	-	-	-
Asst. Breech with forceps for A.C.H.	30	-	3	2	32	-	2	2
Total	171	-	9	7	91	2	3	4

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

	No. of cases
Prematurity	88
Breech presentation	62
Foetal distress	41
Toxaemia of pregnancy	35
P.G.P. or P.O.T.	13
Prolonged 2nd stage	13
Cardiac disease	11
Failed trial of V.E.	10
Previous L.S.C.S.	4
Both foetal & maternal distress	3
APH of unknown origin	3
Contracted pelvis	2
Accidental haemorrhage	2
Prolapse and presentation of cord	2
Maternal distress	2
Uterine dysfunction	2
Elderly primigravida	1
Face presentation	1
Other indications	14

* In only 13 sets of twins, both babies were delivered by forceps.

Table 24

VERSION IN LABOUR

Total No. of cases	1
Primiparae	-
Multiparae	1
Booked	1
Non-booked	-
Incidence	0.01 %
Total No. of babies	1 *
Multiple pregnancies	1
Maternal deaths	-
S. B.	-
N.N.D.	-
P.N.D.	-

Method of delivery	No. of babies
Low forceps	1

INDICATIONS FOR VERSION :-	No. of cases
Transverse lie	1
(in second twins only)	

* Only twin II had version in labour.

Table 25
CAESAREAN SECTION

Total No. of cases	966	
Incidence	13.78 %	
Total No. of babies	976	
Multiple pregnancies	10	
Maternal deaths	1	(0.10 %)
S.B.	4	(0.41 %)
N.N.D.	13	(1.34 %)
P.N.D.	17	(1.74 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	925	95.76	-	935	2	11	13
Non-booked	41	4.24	1	41	2	2	4
Total	966	100.00	1	976	4	13	17

AGE GROUP:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	66	6.83	-	66	-	-	-
21 - 25	348	36.03	-	352	-	6	6
26 - 30	362	37.47	-	367	2	6	8
31 - 35	110	11.39	1	110	-	1	1
36 - 40	58	6.00	-	59	1	-	1
41 & over	22	2.28	-	22	1	-	1
Total	966	100.00	1	976	4	13	17

PARITY:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	580	60.04	-	588	1	5	6
Para 1	268	27.74	1	269	2	3	5
Para 2 & over	118	12.22	-	119	1	5	6
Total	966	100.00	1	976	4	13	17

CAESAREAN SECTION (Continued)

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

	No. of cases
Toxaemia of pregnancy	291
Previous L.S.C.S.	251
P.O.P. or P.O.T.	197
Failed induction of labour	176
Unfavourable pelvis	168
Contracted pelvis	150
Breech presentation	144
Foetal distress	131
Failed trial of labour	94
C-P disproportion	41
Placenta praevia	41
Uterine dysfunction	39
Elderly primigravida	34
Transverse lie	14
Tumour associated with pregnancy	13
Accidental haemorrhage	11
Failed trial of V.E.	9
Diabetes mellitus	8
Maternal distress	5
Face presentation	5
Previous C.C.S.	3
Brow presentation	2
Compound presentation	2
Prolapse and presentation of cord	2
Both foetal and maternal distress	1
Prolonged 1st stage	1
Failed trial of forceps	1
Failed trial of vacuum and forceps	1
Potential diabetes	1
Other indications	217

Table 26
RUPTURE OF UTERUS

Total No. of cases	2
Primiparae	-
Multiparae	2
Booked	2
Non-booked	-
Incidence	0.03%
Total No. of babies	2
Multiple pregnancies	-
Maternal deaths	-
S.B.	-
N.N.D.	-
P.N.D.	-

Method of delivery	No. of babies
Low Forceps	1
C.C.S. & PFS	1
Total	2

TYPE:-

Complete rupture of uterus	-
Incomplete rupture of uterus	-
Dehiscence of previous uterine scar	2

CAUSES:-

Previous C.C.S. with scar dehiscence	1
Previous L.S.C.S. and labour	1

TREATMENT:-

Repair	1
Hysterectomy	1

Table 27

CONTRACTED PELVIS

Total No. of cases	190
Incidence	2.71%
Total No. of babies	191
Multiple pregnancies	1
Maternal deaths	1 (0.53%)
S.B.	1 (0.52 %)
N.N.D.	1 (0.53 %)
P.N.D.	2 (1.05 %)

BOOKED AND NON-BOOKED:-

	No.of cases	Per- centage	Maternal deaths	No.of babies	S.B.	N.N.D.	P.N.D.
Booked	185	97.37	-	186	-	1	1
Non-booked	5	2.63	1	5	1	-	1
Total	190	100.00	1	191	1	1	2

PARITY:-

Para 0	105	55.26	-	105	-	-	-
Para 1	57	30.00	1	58	1	-	1
Para 2 and over	28	14.74	-	28	-	1	1
Total	190	100.00	1	191	1	1	2

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	12	-	-	-	16	-	-	-
Vacuum extraction.....	8	-	-	-	3	-	-	-
Forceps	2	-	-	-	-	-	-	-
L.S.C.S.	83	-	-	-	67	1	1	2
Total	105	-	-	-	86	1	1	2

Table 28

ANTEPARTUM HAEMORRHAGE

Total No. of cases	209		
Incidence	2.98%		
Total No. of babies	209		
Multiple pregnancies	-		
Maternal deaths	-		
S. B.	8	(3.83 %)	
N. N. D.	7	(3.48 %)	
P. N. D.	14	(6.70 %)	

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	192	91.87	-	192	8	5	12
Non-booked	17	8.13	-	17	-	2	2
Total	209	100.00	-	209	8	7	14

PARITY:-

Para 0	107.	51.20	-	107	4	2	5
Para 1	49	23.44	-	49	-	1	1
Para 2 & over	53	25.36	-	53	4	4	8
Total	209	100.00	-	209	8	7	14

TYPE OF A.P.H. :-

Accidental haemorrhage	23(11.00 %)
Placenta praevia	42(20.10 %)
A.P.H. of unknown origin	135(64.59 %)
A.P.H. due to extra-placental causes	9(4.31 %)

Table 29

ACCIDENTAL ANTEPARTUM HAEMORRHAGE

Total No. of cases	23	
Incidence:- Overall	0.33%	
Among A.P.H.	11.00%	
Total No. of babies	23	
Multiple pregnancies	-	
Maternal deaths	-	
S.B.	8	(34.78%)
N.N.D.	3	(20.00%)
P.N.D.	10	(43.48%)

CAUSES:-

Toxaemia	9
Hydramnios	-
Unknown	14

BOOKED AND NON-BOOKED:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	22	95.65	-	22	8	2	9
Non-booked	1	4.35	-	1	-	1	1
Total	23	100.00	-	23	8	3	10

AGE GROUP:-

20 & under	4	17.39	-	4	2	-	2
21 - 25	7	30.43	-	7	2	-	2
26 - 30	9	39.13	-	9	2	3	4
31 - 35	1	4.35	-	1	-	-	-
36 - 40	1	4.35	-	1	1	-	1
41 & over	1	4.35	-	1	1	-	1
Total	23	100.00	-	23	8	3	10

PARITY:-

Para 0	11	47.83	-	11	4	2	5
Para 1	5	21.74	-	5	-	-	-
Para 2 & over	7	30.43	-	7	4	1	5
Total	23	100.00	-	23	8	3	10

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	8	34.78	-	8	5	-	5
Vacuum extraction.....	-	-	-	-	-	-	-
Low Forceps	2	8.70	-	2	1	-	1
Mid Forceps	-	-	-	-	-	-	-
Manual rotation and mid forceps	-	-	-	-	-	-	-
Asst. Breech delivery with B.M.T. for A.C.H.	-	-	-	-	-	-	-
Asst. breech delivery with forceps for A.C.H.	2	8.70	-	2	-	2	1
Breech extraction	-	-	-	-	-	-	-
Internal version and breech extraction	-	-	-	-	-	-	-
L.S.C.S.....	11	47.82	-	11	2	1	3
Total	23	100.00	-	23	8	3	10

Table 30

PLACENTA PRAEVIA

Total No. of cases	42	
Incidence:- Overall	0.60	%
Among A.P.H.	20.10	%
Total No. of babies	42	
Multiple pregnancies	-	
Maternal deaths	-	
S.B.	-	(-)
N.N.D.	4	(9.52%)
P.N.D.	4	(9.52%)

BOOKED AND NON-BOOKED:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	33	78.57	-	33	-	3	3
Non-booked	9	21.43	-	9	-	1	1
Total	42	100.00	-	42	-	4	4

AGE GROUP:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	1	2.38	-	1	-	-	-
21 - 25	12	28.57	-	12	-	1	1
26 - 30	18	42.86	-	18	-	2	2
31 - 35	6	14.29	-	6	-	1	1
36 - 40	5	11.90	-	5	-	-	-
41 & over	-	-	-	-	-	-	-
Total	42	100.00	-	42	-	4	4

PARITY:-

	No. of cases	Per- centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	14	33.33	-	14	-	-	-
Para 1	16	38.10	-	16	-	1	1
Para 2 & over	12	28.57	-	12	-	3	3
Total	42	100.00	-	42	-	4	4

PLACENTA PRAEVIA (Continued)

METHOD OF DELIVERY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	1	2.38	-	1	-	-	-
Low forceps	-	-	-	-	-	-	-
L.S.C.S.	41	97.62	-	41	-	4	4
C:C:S:	-	-	-	-	-	-	-
Total	42	100.00	-	42	-	4	4

BLOOD LOSS AND FOETAL LOSS:-

Amount (ml.)	No. of Babies	S.B.	N.N.D.	P.N.D.
0 - 500 ml.	39	-	3	3
501 - 1,000 ml.	2	-	-	-
1,001 - 1,500 ml.	-	-	-	-
1,501 - 2,000 ml.	-	-	-	-
2,001 - 2,500 ml.	-	-	-	-
2,501 - 3000 ml.	1	-	1	1
3,001 & over	-	-	-	-
Total	42	-	4	4

Table 31

A.P.H. OF UNKNOWN ORIGIN

Total No. of cases	135	
Incidence: - Overall	1.93	%
Among A.P.H.	64.59	%
Total No. of babies	135	
Multiple pregnancies	-	
Maternal deaths	-	
S.B.	-	
N.N.D.	-	
P.N.D.	-	

BOOKED AND NON-BOOKED:-

	No. of cases	Per- centage	Maternal deaths	No. of Babies	S.B.	N.N.D.	P.N.D.
Booked	128	94.81	-	128	-	-	-
Not Booked	7	5.19	-	7	-	-	-
Total	135	100.00	-	135	-	-	-
DELIVERIES:-							
Para 0	76	56.30	-	76	-	-	-
Para 1	27	20.00	-	27	-	-	-
Para 2 & over	32	23.70	-	32	-	-	-
Total	135	100.00	-	135	-	-	-

MODE OF DELIVERY:-

perineous	103	76.30	-	103	-	-	-
Vacuum extraction	16	11.85	-	16	-	-	-
New forceps	3	2.22	-	3	-	-	-
Assisted breech with forceps for A.C.H.	-	-	-	-	-	-	-
Assisted breech with B.H.L. for A.C.H.	2	1.48	-	2	-	-	-
L.S.C.S.	11	8.15	-	11	-	-	-
Total	135	100.00	-	135	-	-	-

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

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

Failed induction of labour	3
Toxaemia, unfavourable pelvis	3
Contracted pelvis	2
Foetal distress	2
Elderly primigravida	2
Uterine dysfunction	2
Breech presentation	2
P.O.P.	1
Transverse or oblique lie	1

Table 32

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

Total No. of cases	9
Primiparae	9
Multiparae	—
Booked	9
Non-booked	—
Incidence:— Overall	0.13%
Among APH	4.31%
Total No. of babies	9
Multiple pregnancies	—
Maternal deaths	—
S.B.	—
N.N.D.	—
P.N.D.	—

CAUSES:—

Cervical erosion	8
Vaginitis	1

Table 33

POSTPARTUM HAEMORRHAGE

Total No. of cases	73
Incidence	1.04%
Total No. of babies	74
Multiple pregnancies	1
Maternal deaths	1 (1.37%)

BOOKED AND NON-BOOKED:-

	No. of cases	Per- centage	Maternal deaths	No. of Babies	S.N.	N.N.D.	P.N.D.
Booked	58	79.45	-	58	1	1	2
Non-booked	15	20.55	1	16	-	-	-
Total	73	100.00	1	74	1	1	2

AGE GROUP:-

2 & under	8	10.96	-	8	-	-	-
21 - 25	25	34.25	-	25	-	1	1
26 - 30	26	35.61	-	27	-	-	-
31 - 35	6	8.22	1	6	-	-	-
36 - 40	7	9.59	-	7	1	-	1
41 & over	1	1.37	-	1	-	-	-
Total	73	100.00	1	74	1	1	2

PARITY:-

Para 0	23	31.51	-	23	-	1	1
Para 1	27	36.98	1	27	-	-	-
Para 2 & over	23	31.51	-	24	1	-	1
Total	73	100.00	1	74	1	1	2

METHOD OF DELIVERY:-

Spontaneous	48	65.75	-	49	-	-	-
Vacuum extraction	7	9.59	-	7	-	-	-
Low Forceps	6	8.22	-	6	1	1	2
Assisted breech with B.M.T. for A.C.H.	2	2.74	-	2	-	-	-
Assisted breech with Forceps for A.C.H.	1	1.37	-	1	-	-	-
Caesarean section	9	12.33	1	9	-	-	-
Total	73	100.00	1	74	1	1	2

POSTPARTUM HAEMORRHAGE

(Continued)

CAUSES:-

	Primiparae	Multiparae	Total
Retained placenta	2	11	13
Uterine atony	10	8	18
Hypofibrinogenaemia	-	2	2
Trauma to genital tract	1	2	3
Inversion of uterus	-	1	1
Retained products of conception	3	7	10
Genital tract infection	-	1	1
Genital tract infection and retained products of conception.....	-	1	1
Subinvolution	4	16	20
Others	3	1	4
Total	23	50	73

AMOUNT OF BLOOD LOSS:-

Millilitres	Primiparae	Multiparae	Total
500 or less	11	24	35
501 - 1,000	11	22	33
1,001 - 1,500	1	-	1
1,501 - 2,000	-	-	-
2,001 - 2,500	-	-	-
2,501 - 3,000	-	2	2
3,001 & over	-	2	2
Total	23	50	73

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

Blood transfusion	14	29	43
Fibrinogen	-	2	2
Both	-	2	2
Conservative (Ergometrine, Syntocinon, etc.)	10	8	18
Placenta delivered by fundal pressure -	-	1	1
Placenta delivered by B.A.T.	1	3	4
Manual removal of placenta or cotyledon	1	7	8
Repair of laceration	1	2	3
Evacuation of uterus	8	19	27
Hysterectomy	-	1	1
Ligation of internal iliac arteries -	-	-	-
Others (including combined treatment) -	-	4	4
Total	35	78	113

Table 34

MANUAL REMOVAL OF PLACENTA

Total No. of cases	62
Incidence	0.88 %
Total No. of babies	63
Multiple pregnancies	1
Maternal deaths	-

BOOKED AND NON-BOOKED:-

	No. of cases	Percentage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	49	79.03	-	50	-	1	1
Non-booked	13	20.97	-	13	1	-	1
Total	62	100.00	-	63	1	1	2

AGE GROUP:-

	No. of cases	Percentage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	2	3.23	-	2	-	-	-
21 - 25	19	30.64	-	19	1	1	2
26 - 30	30	48.39	-	30	-	-	-
31 - 35	8	12.90	-	8	-	-	-
36 - 40	3	4.84	-	4	-	-	-
41 & over	-	-	-	-	-	-	-
Total	62	100.00	-	63	1	1	2

PARITY:-

	No. of cases	Percentage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	10	16.13	-	10	1	-	1
Para 1	25	40.32	1	25	-	1	1
Para 2 & over	27	43.55	-	28	-	-	-
Total	62	100.00	1	63	1	1	2

INDICATIONS:-

	Primiparae	Multiparae	Total
Adherent placenta	7	37	44
Retained placenta	3	15	18
Total	10	52	62

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	54	87.10	-	55	1	-	1
Vacuum extraction	3	4.84	-	3	-	-	-
Assisted breech with forceps for A.C.H.	2	3.22	-	2	-	-	-
Forceps	3	4.84	-	3	-	1	1
Total	62	100.00	-	63	1	1	2

Postpartum haemorrhage 8 cases (12.90 %)

DURATION OF LABOUR:-

Second stage over 1 hour No. of cases
31

Table 35
TUMOURS ASSOCIATED WITH PREGNANCY,
LABOUR OR PUERPERIUM

Total No. of cases	25
Incidence	0.36%
Total No. of babies	25
Multiple pregnancies	-
Maternal deaths	-
S.B.	1 (4.00%)
N.N.D.	1 (4.17%)
P.N.D.	2 (8.00%)

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	1	1	2
Non-booked	2	8.00	-	2	-	-	-
Total	25	100.00	-	25	1	1	2

PARITY:-

Para 0	13	52.00	-	13	1	-	1
Para 1	6	24.00	-	6	-	-	-
Para 2 & over	6	24.00	-	6	-	1	1
Total	25	100.00	-	25	1	1	2

TYPE OF TUMOUR:-

No. of cases

Tumours of Ovary:

Ovarian cyst	8
Parovarian cyst	2
Other benign tumour of ovary	1
Malignant tumour of ovary	-

Tumours of Uterus (including cervix):

Uterine fibromyomata	11
Other benign tumour of uterus	1
Carcinoma of cervix	-
Other malignant tumour of uterus	-
Multiple uterine tumours	-

Tumour of Vagina:

Benign - including gartner duct cyst, inclusion cyst, etc. of vagina	1
Malignant tumour of vagina	-
Other tumours	1

METHOD OF DELIVERY:-

Spontaneous	10
Vacuum extraction	2
Assisted breech with B.M.T. for A.C.H.	-
L.S.C.S.	13

Table 36
MULTIPLE PREGNANCY

Number of cases 56*

TWIN PREGNANCY

Total No. of cases 55
Incidence of twin pregnancy 0.78 %
Total No. of babies 110
Maternal deaths -

Binovular 12
Uniovular 42
Unknown 1

FOETAL MORTALITY:-

	First Twin	Second Twin	Total
S.B.	2	-	2
N.N.D.	-	-	-
T.N.D.	2	-	2

BOOKED AND NON-BOOKED:-

	No. of cases	Percentage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	53	96.36	-	106	2	-	2
Non-booked	2	3.64	-	4	-	-	-
Total	55	100.00	-	110	2	-	2

AGE GROUP:-

	No. of cases	Percentage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	5	9.09	-	10	-	-	-
21 - 25	17	30.91	-	34	-	-	-
26 - 30	23	41.82	-	46	2	-	2
31 - 35	7	12.73	-	14	-	-	-
36 - 40	3	5.45	-	6	-	-	-
41 & over	-	-	-	-	-	-	-
Total	55	100.00	-	110	2	-	2

PARITY:-

	No. of cases	Percentage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	25	45.46	-	50	1	-	1
Para 1	14	25.45	-	28	-	-	-
Para 2 & over	16	29.09	-	32	1	-	1
Total	55	100.00	-	110	2	-	2

*including 1 set of triplet

MULTIPLE PREGNANCY (Continued)

BIRTH WEIGHT AND FOETAL LOSS:-

Birth weight (grams)	Foetal loss	First Twin			Second Twin		
		No. of babies	Foetal loss	Percentage	No. of babies	Foetal loss	Percentage
Under 1,500		1	1	100.00	1	-	-
1,501 - 2,000		12	-	-	11	-	-
2,001 - 2,500		24	1	4.17	28	-	-
2,501 - 3,000		18	-	-	13	-	-
3,001 - 3,500		-	-	-	2	-	-
3,501 - 4,000		-	-	-	-	-	-
4,001 & over		-	-	-	-	-	-
Total		55	2	3.64	55	-	-

METHOD OF DELIVERY AND FOETAL LOSS:-

Method of delivery	Foetal loss	First Twin			Second Twin		
		No. of babies	Foetal loss	Percentage	No. of babies	Foetal loss	Percentage
Spontaneous		17	1	5.88	7	-	-
Vacuum extraction		4	1	25.00	5	-	-
Low forceps		18	-	-	17	-	-
Assisted breech		6	-	-	16	-	-
Breech extraction		-	-	-	-	-	-
C.S.		10	-	-	10	-	-
Total		55	2	3.64	55	-	-

PRESENTATION:-

Vertex - Vertex	32
Vertex - Breech	14
Breech - Vertex	3
Breech - Breech	5
Vertex - Transverse	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	47	2	4.26	35	-	-
Breech	8	-	-	19	-	-
Transverse lie	-	-	-	1	-	-
Total	55	2	3.64	55	-	-

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

Toxaemia	5
Foetal distress	2
No progress	1
Elderly primigravida	1
Hydramnious	1
Contracted pelvis	1
P.O.P. and no progress	1
Previous Caesarean Section	1

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

Toxaemia	25
Anaemia	23
Contracted pelvis	1
Postpartum haemorrhage	1

TRIPLETS

Booked Case Serial No. 4238/76 Age : 27 Gravida : 4 Para : 2

This patient was first seen at maturity of 29-6/7 weeks as referred from Nethersole Hospital because of triple pregnancy. X-ray abdomen and sonogram confirmed the diagnosis of triplets. She was then immediately admitted into hospital for rest. She developed ankle oedema and occasional hypertension (150/100 mm.Hg.) while she was in the hospital. Serial urinary oestriol was done to monitor the foetal well-being. Combined induction was done at the maturity of 36-2/7 weeks for triple pregnancy with toxæmia and falling oestriol. She delivered spontaneously a set of live male triplets weighing 1,920 gm., 1,880 gm., and 2,300gm. respectively and all were in occipito-anterior position. The third stage was normal.

She had post-partum anaemia with haemoglobin of 9.2 gm.% and was treated with parental iron therapy. Patient was discharged on the 9th postpartum day. The third baby was discharged well 9 days after delivery with the mother; the first baby 18 days after delivery weighing 2,325 gm., and the second baby 23 days after the delivery weighing 2,320 gm.

She did come for postnatal check up.

Table 37

PUERPERAL PYREXIA

Total No. of cases	242
Incidence	3.45 %

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

Genital in origin	15
Urinary in origin	69
Combined genital and urinary origin	3
Others	101
Unknown origin	83

PUERPERAL PYREXIA (GENITAL)

Total No. of cases	18
Booked	14
Non-booked	4
Primiparae	9
Multiparae	9

Incidence:-

Overall	0.26 %
Among puerperal pyrexia	7.44 %

Multiple pregnancies	-
Maternal deaths	-

METHOD OF DELIVERY :-

	No. of babies
Spontaneous	5
Low forceps	2
L.S.C.S.	11
Total No. of babies	18

MATERNAL DEATH

Non-booked case Serial No. 3136/76 Age : 31 Gravida : 2 Para : 1
Gyn. No. 1372/76

This patient was referred to Tsan Yuk Hospital at the maturity of 38 weeks and 6 days because of the history of caesarean section for contracted pelvis and failed trial of labour in her first pregnancy. Examination showed vertex presentation, above brim and pelvimetry showed O.C. = 9.1 cm., T.D. = 11.8 cm., A.P.O. = 10.9 cm. The baby was assessed to be 3,500 gm.

She went into labour 2 days after admission, and caesarean section was performed because of previous caesarean section and contracted pelvis, delivering a baby 3,250 gm. with Apgar score of 10. Placenta accreta was diagnosed at operation, and the placenta was removed digitally with some difficulty. Total blood loss was assessed to be 600 ml., and a pint of blood was given.

Thirty minutes after the operation, an urticarial rash developed, followed by bleeding per vaginam and from the abdominal wound. The blood transfusion was stopped. Intravenous oxytocin and uterine massage failed to arrest the uterine bleeding. The diagnosis of disseminated intravascular coagulation was made, and this was confirmed by coagulation tests. During subsequent cross-matching, it was discovered that she was given by mistake 1 pint of group A Rh+ blood initially, while she, in fact, belongs to group O, Rh+. Fresh blood, plasma, fibrinogen and hydrocortisone were given, and subtotal hysterectomy was performed. In order to arrest intra-peritoneal haemorrhage two further laparotomies were performed on day 2 and day 5 post-hysterectomy, with ligation of internal iliac arteries, evacuation of broad ligament hematoma and local hemostasis. Her hemoglobinuria cleared on day 3, and diuresis started on day 4. Despite successful correction of her hematological and biochemical status, she continued to bleed from the trachea, due to abrasion from tracheostomy tube as observed through the bronchoscope.

She developed terminal hypercapnea despite positive pressure ventilation and succumbed on day 9.

Post-mortem examination was refused.

Cause of death : Disseminated intravascular coagulation as
a result of incompatible blood transfusion.

Table 38
SUMMARY OF FETAL LOSS

		S.B.		N.N.D.		P.N.D.	
		No. of babies	Incidence per 1,000 L.B. & S.B.	No. of babies	Incidence per 1,000 L.B.	No. of babies	Incidence per 1,000 L.B. & S.B.
Total No. of live births and stillbirths							
Total No. of live births							

CAUSES	S.B.		N.N.B.		P. N. D.				
	No. of babies	Incidence	No. of babies	Incidence	No. of babies	Booked	Non-booked	Primiparae	Incidence
4. Antepartum deaths with no lesion	25	45.45%	-	- %	25	18	7	10	15
5. Respiratory distress syndrome	-	- %	10	20.8%	10	9	1	5	5
6. Birth trauma	-	- %	2	4.17%	2	2	-	-	2
Intraventricular haemorrhage	-	-	2	-	2	2	-	-	2
7. Neonatal infection	-	- %	3	6.25%	3	3	-	1	2
Septicaemia	-	-	1	-	1	1	-	-	1
Pulmonary infection	-	-	1	-	1	1	-	1	-
Cytotogalic virus infection	-	-	1	-	1	1	-	-	1
8. Isoimmunization and other haemolytic disease	1	1.82%	8	16.67%	9	6	3	2	7
Hydrops foetalis	1	-	5	-	6	5	1	1	5
Prematurity	-	-	3	-	3	1	2	1	2
9. Miscellaneous	1	1.82%	9	18.75%	9	5	4	3	6
Prematurity	1	-	5	-	6	3	3	2	4
Pulmonary haemorrhage	-	-	2	-	1	1	-	1	-
D.J.C.	-	-	1	-	1	-	1	-	1
Atelectasis of lungs.	-	-	1	-	1	1	-	-	1

() No. in brackets indicates No. of twin babies
 * Excluding 6 B.B.A. babies who were not admitted into hospital

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	17	6	35.29%	3	27.27%	9	52.94%
	1,001 - 1,500	27	7	25.92%	10	50.00%	17	62.96%
	1,501 - 2,000	93	5	5.38%	12	13.64%	16	17.20%
	2,001 - 2,500	392	10	2.55%	7	1.83%	17	4.34%
	2,501 - 3,000	2,253	10	0.44%	7	0.31%	16	0.71%
	3,001 - 3,500	3,115	12	0.39%	9	0.29%	20	0.64%
	3,501 - 4,000	1,043	4	0.38%	-		4	0.38%
	4,001 - 4,500	113	1	0.88%	-		1	0.88%
Over	4,501	9	-		-		-	
Total		7,062*	55	0.78%	48	0.69%	100	1.42%

* Excluding 6 BBA babies who were not admitted into hospital.

SUMMARY OF FOETAL LOSS (Continued)

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	5,106	42 0.82%	16 0.32%	59 1.16%
Vacuum extraction	653	2 0.31%	2 0.31%	3 0.46%
Low forceps	200	2 1.00%	6 3.03%	6 3.00%
Assisted breech with forceps for A.C.H.	62	-	6 9.68%	5 8.06%
Assisted breech with B.M.T. for A.C.H.	64	5 7.81%	4 6.78%	9 14.06%
Breech extraction	1	-	1 100.00%	1 100.00%
L.S.C.S.	976	4 0.41%	13 1.34%	17 1.74%
Total	7,062*	55 0.78%	48 0.69%	100 0.01%

* Excluding 6 BBA babies who were not admitted into hospital.

TABLE 39

PREMATURE LIVE-BORN INFANTS

Total No. of cases	501
Booked	440
Non-booked	61
Primiparae	388
Multiparae	213
Multiple pregnancies	11
.....(one twin).....	24
.....(both twins).....	1
.....(all triplets)	71.50
Incidence (per 1,000 L.B.)	32
N.N.D.	

CAUSES OF LEAD:-

	No. of cases
Foetal malformation	8
Placental	8
A.P.H.	-
Birth trauma	3
Hydrops foetalis	2
Respiratory distress syndrome	9
Toxaemia	-
Septicaemia	-
Gastroenteritis	-
Intestinal perforation	-
Haemorrhagic disease	1
Aspiration pneumonia	-
Meningitis	-
Intrapartum asphyxia	-
Unknown	-
Massive Pulmonary Haemorrhage	1

MATURITY (Weeks):-

	No. of cases	N.N.D. No. of cases	Loss per 1,000
Under 32 weeks	31	12	387.10
32 - 33 weeks	41	7	170.73
34 - 35 weeks	75	5	66.67
36 - 37 weeks	92	3	32.61
38 - 39 weeks	145	4	27.59
40 - 41 weeks	79	-	-
42 weeks & over	14	-	-
Unknown	24	1	41.67

BIRTH WEIGHT (Grams).-

Under 1,000	11	3	272.73
1,001 - 1,500	20	10	500.00
1,501 - 2,000	88	12	136.36
2,001 - 2,500	382	7	18.32

Table 40
CONGENITAL MALFORMATIONS

Total No. of cases	141	
Booked	127	
Non-booked	14	
Incidence	19.97	per 1,000 L.B. & S.B.

Foetal mortality:-

S.B.	2	(1.42 %)
N.N.D.	16	(11.51 %)
P.N.D.	18	(12.77 %)
Among live births	1.98%	
Among stillbirths	3.64%	
Among premature live births	3.79%	
Among neonatal deaths	33.33%	

TYPE OF MALFORMATION:-

	No. of cases
Anomalies of central nervous system	8
Anomalies of limbs	24
Anomalies of lip and palate	30
Anomalies of skin	9
Anomalies of gastro-intestinal tract	13
Anomalies of cardio-vascular system	20
Anomalies of respiratory system	2
Anomalies of genito-urinary tract	17
Multiple anomalies	4
Others	14

Table 41
BIRTH TRAUMA

Total No. of cases	100	
Incidence	14.16	per 1,000 L.B. & S.B.
Foetal results:- S.B.	-	(- %)
N.N.D.	4	(4.00 %)
P.N.D.	4	(4.00%)

METHOD OF DELIVERY:

	No. of babies	Percentage
Spontaneous	34	34.00
Vacuum extraction	53	53.00
Low Forceps	7	7.00
Assisted breech with B.M.T. for A.C.H.	2	2.00
Assisted breech with forceps for A.C.H.	-	-
Breech extraction	-	-
Caesarean section	4	4.00

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

	<u>No. of cases</u>
Cephalhaematoma	84
Facial Palsy	5
Scalp laceration	4
Depressed fracture of skull	3
Tentorial tear	1
Fracture of clavicle	1
Intraventricle haemorrhage	1
Scalp blister	1

Table 42
NEONATAL INFECTIONS

Total No. of cases	329
Incidence (per 1,000 L.B.)	46.95
N.N.D.	20
Neonatal mortality rate	6.08%

Table 43

NEONATAL JAUNDICE

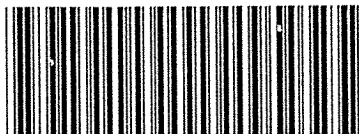
Total No. of cases	477
Incidence (per 1,000 L.B.)	68.07
No. of cases with known cause	154 (32.29%)

Cause	No. of cases	Exchange transfusion	N.N.D.
A.B.O. incompatibility	98	10	1
Glucose-6-phosphate dehydrogenase deficiency	25	2	-
P-K deficiency	-	-	-
Haemoglobinopathy	1	-	1
Cephalhaematoma	10	-	-
Prematurity	12	3	1
Sepsis	2	-	-
Ph incompatibility	1	1	-
Others	5	-	-
Unknown cause	323	20	1
Total	477	36	4

Table 44
X-RAY DEPARTMENT STATISTICS

Month	Chest	Bones	Abdomen	Pelvimetry	Direct Placen- tography	Dental
January	459	9	45	120	-	1
February	563	13	45	119	1	-
March	770	12	44	121	-	3
April	510	13	48	114	-	-
May	808	11	50	105	-	-
June	659	10	32	94	-	-
July	574	12	37	79	-	-
August	531	24	37	104	1	-
September	113	19	36	111	1	-
October	76	12	39	140	4	-
November	72	10	27	110	2	-
December	38	5	32	134	2	-
Total	5,173	150	472	1,351	11	4

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