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CLINICAL REPORT
OF THE
TSAN YUK HOSPITAL
FOR THE YEAR
1979



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 had attended our Antenatal Clinic twice or more.

Non-booked Case - Patient had less than two visits to our Antenatal Clinic.

MEDICAL STAFF OF THE TSAN YUK HOSPITAL (1979)

Obstetrician In Charge:

Prof. Ho-Kei Ma (Mrs.), M.B., B.S. (H.K.); F.R.C.O.G.; J.P.
Professor and Head, Department of Obstetrics & Gynaecology,
University of Hong Kong,
Consultant Obstetrician & Gynaecologist to the Government.

Medical Superintendent:

Dr. C. Ng M.B., B.S. (H.K.)

Senior Lecturers & Consultant Obstetricians & Gynaecologists:

Dr. K.K. Yeung M.B., B.S. (H.K.); M.Sc. (Mich.);
F.R.C.O.G.
Dr. L.C. Wong M.B., B.S. (H.K.); M.R.C.O.G.

Lecturers & Consultant Obstetricians & Gynaecologists:

Dr. K.K. Chan M.B., B.S. (Lond.); F.R.C.S. (Eng.);
M.R.C.O.G.
Dr. P.C. Ho M.B., B.S. (H.K.); M.R.C.O.G.
Dr. E.S.M. Shiu M.B., B.S. (H.K.); M.R.C.O.G.
Dr. L.K. So M.B., B.S. (H.K.); M.R.C.O.G.
Dr. M.L. Sung M.B., B.S. (H.K.); M.R.C.O.G.
Dr. G.W.K. Tang M.B., B.S. (H.K.); M.R.C.O.G.
Dr. V.C.W. Wong M.B., B.S. (H.K.); M.R.C.O.G.;
M.R.C.P. (U.K.)
Dr. C.M. Yim M.B., B.S. (H.K.); M.R.C.O.G.

Lecturer:

Dr. K. Mao M.A., M.B., B.Ch. (Cantab.)
Dr. L.C.H. Tang M.B., B.S. (H.K.)

Honorary Clinical Lecturers & Obstetricians & Gynaecologists:

*Dr. C.K.P. Fung M.B., B.S. (H.K.); M.R.C.O.G.
*Dr. D.S.F. Lau M.B., B.S. (H.K.); M.R.C.O.G.
*Dr. C.M. Lee M.B., B.S. (H.K.); M.R.C.O.G.
*Dr. W.M. Lee M.B., B.S. (H.K.); M.R.C.O.G.
*Dr. P.M.K. Leung M.B., B.S. (H.K.); M.R.C.O.G.
Dr. A.C. de Barrors Lopes M.B., B.S. (H.K.); M.R.C.O.G.
*Dr. K.F. Luk M.B., B.S. (H.K.); M.R.C.O.G.
*Dr. K.H. Mok M.B., B.S. (H.K.); M.R.C.O.G.
Dr. L. Mullins M.B., Ch.B. (St. Andrews);
D.T.M.&H.; M.R.C.O.G.
* Dr. J.C.K. Pang M.A.; M.B., B.Chir. (Cantab.);
M.R.C.O.G.
* Dr. K.H. Tang M.B., B.S. (H.K.); M.R.C.O.G.
Dr. K.M. Yeung M.B., B.S. (H.K.); M.R.C.O.G.

* Part-time

MEDICAL STAFF OF THE TSAN YUK HOSPITAL (1979)

(continued)

Consultant Anaesthetist:

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

Consultant Dermatologist & Venereologist:

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

Consultant Paediatrician:

Prof. J.H. Hutchison C.B.E.; M.D. (Glas.); F.R.C.P. (Lond.);
F.R.C.P. (Edin.); F.R.C.P. (Glas.);
F.R.C.P. (Hon.); F.R.S. (Edin.)

Consultant Pathologist:

Prof. J.B. Gibson O.B.E.; M.D. (Edin. and W. Reserve);
F.R.C.P. (Edin.); F.R.C.Path;
F.R.C.Path. (Aust.)

Consultant Clinical Pathologist:

Dr. 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. (Lond., Edin.,
and Glas.); F.R.A.C.P.; J.P.

Consultant Chest Physician:

Sister Mary Aquinas Hon.D.Soc.Sc. (H.K.); M.B., B.Ch. (N.U.I.);
F.R.C.P. (Edin.)
Dr. 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.

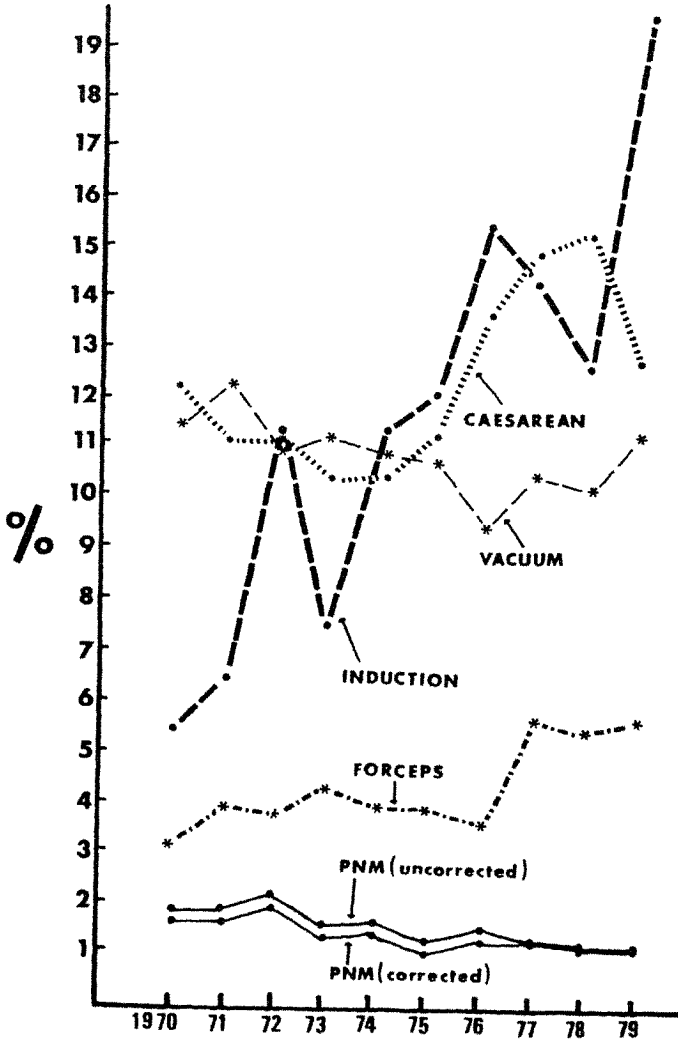
Consultant Radiologist:

Dr. H.C. Ho O.B.E.; 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.); J.P.

Consultant Surgeon:

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

INTERFERENCE RATES & PERINATAL MORTALITY (1970 - 1979)



	<u>1970</u>	<u>1971</u>	<u>1972</u>
Adult patients admitted	6,073	5,891	6,539
Patients delivered in hospital	5,851	5,519	6,177
Primiparae	2,478	2,255	2,902
Multiparae	3,373	3,264	3,275
Patients admitted after delivery	118	113	76
Primiparae	13	8	11
Multiparae	105	105	65
Total patients delivered	5,969	5,632	6,253
Abortion	42	35	38
Patients transferred	24	5	13
Patients discharged undelivered	62	224	248
Pre-eclampsia	57	60	120
Eclampsia	8	2	2
Accidental antepartum haemorrhage	51	42	31
Placenta praevia	49	39	57
Postpartum haemorrhage	103	103	84
Contracted pelvis	391	260	241
Vacuum extraction	680	678	685
Vacuum extraction rate per cent	11.39	12.04	10.95
Forceps delivery	170	212	233
Forceps delivery rate per cent	2.85	3.76	3.73
Caesarean section	723	620	693
Caesarean section rate per cent	12.11	11.01	11.08
Maternal deaths	2	-	3
(per 1000 cases admitted).....	0.32	-	0.46
(per 1000 cases delivered).....	0.33	-	0.48
Infants born in hospital	5,906	5,563	6,227
Infants born before admission	118	116	78
Total infants born	6,024	5,679	6,305
Infants transferred	-	-	6
Stillbirths (including macerated foetuses)	58	43	60
Stillbirth rate (per 1000 live and stillbirths)	9.64	7.58	9.53
Neo-natal deaths	52	59	68
Neo-natal death rate (per 1000 live births)	8.72	10.48	10.91
Perinatal deaths	106	95	126
Corrected perinatal mortality (excluding non-booked cases with IUD on admission)	98	88	123
Corrected perinatal mortality rate (per 1000 live and stillbirths)	16.28	15.51	19.54

* Excluding BBA who were not admitted.

1970 - 1979

<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
6,986	7,420	6,956	7,504	6,655	6,778	6,794
6,563	7,052	6,507	6,925	6,169	6,189	6,229
2,879	3,523	3,612	3,679	3,520	3,286	3,419
3,684	3,529	2,895	2,960	2,649	2,903	2,810
95	70	67	86	58	51	38
8	9	2	15	5	3	4
87	61	65	71	53	48	34
6,658	7,122	6,574	7,011	6,227	6,240	6,267
38	27	53	151	205	249	276
21	19	15	21	31	32	-
290	271	329	342	223	289	251
153	253	366	616	528	377	424
5	9	3	7	2	5	5
17	28	14	23	14	29	8
33	36	44	42	51	44	31
119	102	95	73	80	74	80
239	251	144	190	133	166	93
743	768	687	652	647	638	706
11.16	10.78	10.45	9.30	10.39	10.22	11.27
277	266	245	249	353	334	350
4.16	3.73	3.73	3.55	5.67	5.35	5.58
686	745	744	966	920	968	796
10.30	10.46	11.32	13.78	14.77	15.51	12.70
2	1	-	1	2	1	-
0.29	0.13	-	0.13	0.30	0.15	-
0.30	0.14	-	0.14	0.32	0.16	-
6,615	7,107	6,560	6,982	6,214	6,228	6,267
91	70	67	86	58	49	25*
6,706	7,177	6,627	7,068	6,233	6,277	6,305
6	6	4	6	10	5	-
39	57	36	55	36	31	29
5.82	7.95	5.44	7.79	5.74	4.94	4.60
58	62	64	48	40	42	43
8.70	8.72	9.72	6.85	6.42	6.72	6.86
94	112	92	100	69	66	65
92	108	87	96	69	63	64
13.73	15.07	13.14	13.59	11.01	10.03	10.15

STATISTICAL SUMMARY

Adult patients admitted	6794
Patients delivered in hospital	6229
Booked	6039
Primiparae (Twins: 15 sets)	3373
(Triples: - sets)	
Multiparae (Twins: 20 sets)	2665
(Triples: 1 sets)	1
Non-booked	190
Primiparae (Twins: 0 sets)	46
(Triples: - sets)	
Multiparae (Twins: 1 sets)	144
(Triples: - sets)	
Patients admitted after delivery	38
Booked	19
Primiparae (Twins: - sets)	1
(Triples: - sets)	
Multiparae (Twins: - sets)	18
(Triples: - sets)	
Non-booked	19
Primiparae (Twins: - sets)	3
(Triples: - sets)	
Multiparae (Twins: - sets)	16
(Triples: - sets)	
Total No. of patients delivered	6267
Booked	6058
Primiparae (Twins: 15 sets)	3374
(Triples: - sets)	
Multiparae (Twins: 20 sets)	2683
(Triples: 1 sets)	1
Non-booked	209
Primiparae (Twins: - sets)	49
(Triples: - sets)	
Multiparae (Twins: 1 sets)	160
(Triples: - sets)	
Patients who aborted	276
Patients discharged undelivered	251
Maternal deaths	-
Maternal death rate (per 1,000 cases admitted)	-
(per 1,000 cases delivered)	-
Total No. of multiple pregnancies	37+
Total No. of infants born	6305*
Total No. of infants born in hospital	6267
Total No. of infants born before admission	38*
Total No. of live born infants	6263**
Booked	6058
Non-booked	205
Stillbirths	
Total	29
Booked	27
Non-booked	2
+ Including 1 set of triplets.	
* Including 13 BBA infants who were not admitted.	
** Excluding 13 BBA infants who were not admitted.	

STATISTICAL SUMMARY (Continued)

Stillbirth rate (per 1,000 live and stillbirths)	
Total	4.60
Booked	4.43
Non-booked	9.48

Neonatal deaths	
Total	43
Booked	36
Non-booked	7

Neonatal death rate (per 1,000 live births)	
Total	6.86
Booked	5.93
Non-booked	33.49

Perinatal deaths	
Total	65
Booked	57
Non-booked	8

Perinatal death rate (per 1,000 live and stillbirths)	
Total	10.31
Booked	9.35
Non-booked	37.91

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

Total	64
Booked	57
Non-booked	7

Corrected perinatal mortality rate (per 1,000 live and stillbirths)	
Total	10.15
Booked	9.35
Non-booked	33.17

Antenatal Clinic:-

Total visits	46,346
New patients	6,491
Re-attendances	39,855

Postnatal Clinic:-

Total visits	5,144
New patients	4,152
Re-attendances	992

* 1 non-booked case had Intrauterine Death on admission.

TABLE 1

ASSOCIATED DISEASES

ANAEMIA

Total No. of cases	1102
Booked	1081
Non-booked	21
Primiparae	621
Multiparae	481
Incidence	17.54 %

TYPE OF ANAEMIA :-

		%
1. Iron deficiency anaemia	436	39.56
2. Thalassaemia major	-	-
3. Thalassaemia minor	30	2.72
4. Combined iron deficiency and Thalassaemia	2	0.18
5. Other haemoglobinopathy	4	0.36
6. Other haemolytic anaemia	-	-
7. Others	62	5.62
8. Unknown	568	51.54

URINARY TRACT INFECTIONS (Antenatal)

Total No. of cases	34
Incidence	0.54 %

AGE GROUP:-

	No. of cases	Per-centage	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	5	14.71	5	-	-	-
21 - 25	11	32.35	11	-	-	-
26 - 30	13	38.24	13	-	-	-
31 - 35	3	8.82	3	-	-	-
36 - 40	2	5.88	2	-	-	-
Total	34	100.00	34	-	-	-

PARITY:-

Para 0	25	73.53	25	-	-	-
Para 1	8	23.53	8	-	-	-
Para 2 & over ..	1	2.94	1	-	-	-
Total	34	100.00	34	-	-	-

TABLE 1 (Continued)
PULMONARY TUBERCULOSIS

	Active		
Total No. of cases	15		
Booked	15		
Non-booked	-		
Primiparae	9		
Multiparae	6		
Incidence	0.24	%	
S.B.	2	(13.33 %)	
N.N.D.	1	(7.69 %)	
P.N.D.	2	(13.33 %)	

THYROTOXICOSIS

No. of cases	25		
Booked	25		
Non-booked	-		
Primiparae	11		
Multiparae	14		
Incidence	0.40	%	
Maternal deaths	-		
S.B.	1	(4 %)	
N.N.D.	-	(- %)	
P.N.D.	1	(4 %)	

TABLE 1 (Continued)

DIABETES MELLITUS

Total No. of cases	59*
Booked	59
Non-booked	-
Primiparae	25
Multiparae	34
Incidence	0.91 %
Maternal deaths	-
S. B.	-
N. N. D.	1 (1.69%)
P. N. D.	1 (1.69%)

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	-	-	-	-	-	-	-
21 - 25	15	25.42	-	15	-	-	-
26 - 30	24	40.68	-	24	-	1	1
31 - 35	13	22.03	-	13	-	-	-
36 - 40	5	8.48	-	5	-	-	-
41 & over	2	3.39	-	2	-	-	-
Total	59	100.00	-	59	-	1	1

PARITY:-

Para 0	25	42.37	-	25	-	-	-
Para 1	13	22.04	-	13	-	1	1
Para 2 & over	21	35.59	-	21	-	-	-
Total	59	100.00	-	59	-	1	1

METHOD OF DELIVERY:-

Spontaneous	32	54.24	-	32	-	1	1
Vacuum Extraction ..	8	13.56	-	8	-	-	-
Low forcep	6	10.17	-	6	-	-	-
Assisted breech delivery WITH B.N.T. for ACH	1	1.69	-	1	-	-	-
L.S.C.S.	12	20.34	-	12	-	-	-
Total	59	100.00	-	59	-	1	1

* Including 10 cases of Potential Diabetes.

TABLI 2

ABORTION

Total No. of cases	276	
Booked	154	
Non-booked	122	
Primiparæ	90	
Multiparæ	186	
Incidence	4.22	%
Maternal deaths	-	
Type of abortion:-		%
Spontaneous	78	28.26
Missed	24	8.70
Therapeutic	174	63.04

TABLE 3
CARDIAC DISEASE

Total No. of cases	92	
Booked	92	
Non-booked	-	
Primiparae	49	
Multiparae	43	
Incidence	1.47	%
Total No. of babies	93	
Multiple pregnancies	1	
Maternal deaths	-	
S. B.	-	(- %)
N. N. D.	1	(1.08 %)
P. N. D.	1	(1.08 %)

ANATOMICAL LESIONS:-

A. Rheumatic heart disease	60
(a) Mitral lesion	53
(b) Mitral and aortic lesions	7
B. Congenital heart disease	16
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	8	8.70	-	8	-	-	-
21 - 25	34	36.96	-	35	-	-	-
26 - 30	39	42.39	-	39	-	-	-
31 - 35	10	10.87	-	10	-	1	1
36 - 40	1	1.08	-	1	-	-	-
41 & over	-	-	-	-	-	-	-
Total	92	100.00	-	93	-	1	1

PARITY:-

Para 0	49	53.26	-	50	-	-	-
Para 1	24	26.09	-	24	-	1	1
Para 2 & over	19	20.65	-	19	-	-	-
Total	92	100.00	-	93	-	1	1

METHOD OF DELIVERY:-

Spontaneous	38	41.31	-	38	-	-	-
Vacuum extraction	19	20.65	-	19	-	-	-
Forceps	17	18.48	-	18	-	-	-
Assisted breech	2	2.17	-	2	-	1	1
E.L.S.C.S.	4	4.35	-	4	-	-	-
L.S.C.S.	12	13.04	-	12	-	-	-
Laparotomy & Hysterectomy	-	-	-	-	-	-	-
Total	92	100.00	-	93	-	1	1

FUNCTIONAL GRADING:-

	No. of cases
Class I	76
Class II	14
Class III	-
Class IV	2
Deterioration during pregnancy	-
Post-valvotomy	4

TABLE 4

TOXAEMIA OF PREGNANCY

Total No. of cases	740
Incidence	11.81%
Total No. of babies	755
Multiple pregnancies	15
Maternal deaths	-
S.B.	6 (0.79 %)
N.N.D.	5 (0.67 %)
P.N.D.	10 (1.32 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	716	96.76	731	6	4	9
Non-booked	24	3.24	24	-	1	1
Total	740	100.00	755	6	5	10

Type of Toxaemia:-

	No. of cases	Percentage among toxaemia
Pre-eclampsia	424	57.29
Eclampsia	5	0.68
Unclassified toxaemia 'A'	237	32.03
Unclassified toxaemia 'B'	28	3.78
Recurrent toxaemia	38	5.13
Essential hypertension	7	0.95
Chronic nephritis	1	0.14

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 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	424	
Mild	340	
Severe	84	
Incidence:- Overall	6.77	%
Among toxæmia	57.30	%
Total No. of babies	432	
Multiple pregnancies	8	
Maternal deaths	-	
S. B.	2	(0.46 %)
N. N. D.	1	(0.23 %)
P. N. D.	3	(0.69 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	415	97.88	-	423	2	1	3
Non-booked	9	2.12	-	9	-	-	-
Total	424	100.00	-	432	2	1	3

AGE GROUP:-

20 & under	40	9.43	-	41	-	-	-
21 - 25	160	37.74	-	164	1	-	1
26 - 30	161	37.97	-	163	1	1	2
31 - 35	40	9.43	-	41	-	-	-
36 - 40	17	4.01	-	17	-	-	-
41 & over	6	1.42	-	6	-	-	-
Total	424	100.00	-	432	2	1	3

PRE-ECLAMPSIA (Continued)

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	321	75.71	-	327	1	1	2
Para 1	52	12.26	-	52	1	-	1
Para 2 & over	51	12.03	-	53	-	-	-
Total	424	100.00	-	432	2	1	3

METHOD OF DELIVERY:-

Spontaneous	177	41.75	-	180	-	1	1
Vacuum extraction ..	96	22.64	-	98	-	-	-
Forceps	38	8.96	-	40	-	-	-
Breech	9	2.12	-	9	1	-	1
(E) L.S.C.S.	14	3.30	-	14	-	-	-
L.S.C.S.	90	21.23	-	91	1	-	1
Total	424	100.00	-	432	2	1	3

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		P.N.D.	No. of babies		P.N.D.
		S.B.	N.N.D.		S.B.	N.N.D.	
FRITZPAE							
(A) Spontaneous labour	125	102	1	1	2	33	-
(1) Spont. Vertex delivery	57	53	-	1	1	4	-
(2) Spont. Breech delivery	-	-	-	-	-	-	-
(3) Vacuum Extraction	28	24	-	-	-	4	-
(4) Forceps	19	9	-	-	-	10	-
(5) Assisted Breech delivery	6	3	-	-	-	3	-
(6) L.S.C.S.	6	6	-	-	-	-	-
(7) E.S.C.S.	26	14	1	-	1	12	-
(B) Induced labour	192	149	-	-	-	43	-
(1) Spont. Vertex delivery	60	51	-	-	-	9	-
(2) Spont. Breech delivery	-	-	-	-	-	-	-
(3) Vacuum Extraction	62	46	-	-	-	16	-
(4) Forceps	24	19	-	-	-	5	-
(5) Assisted Breech delivery	1	1	-	-	-	-	-
(6) L.S.C.S.	45	32	-	-	-	13	-
Total	327	251	1	1	2	76	-
ULTIPAE							
(A) Spontaneous labour	51	46	-	-	-	5	-
(1) Spont. Vertex delivery	29	25	-	-	-	4	-
(2) Spont. Breech delivery	-	-	-	-	-	-	-
(3) Vacuum Extraction	3	3	-	-	-	-	-
(4) Forceps	1	1	-	-	-	-	-
(5) Assisted Breech delivery	1	1	-	-	-	-	-
(6) L.S.C.S.	15	4	-	-	-	11	-
(7) E.S.C.S.	12	12	-	-	-	-	-
(B) Induced labour	54	49	-	-	-	5	1
(1) Spont. Vertex delivery	34	34	-	-	-	-	-
(2) Spont. Breech delivery	-	-	-	-	-	-	-
(3) Vacuum Extraction	5	4	-	-	-	1	-
(4) Forceps	5	3	-	-	-	2	-
(5) Assisted Breech delivery	2	1	-	-	-	1	-
(6) L.S.C.S.	8	7	-	-	-	1	1
Total	105	95	-	-	-	10	1
AND TOTAL	432	346	1	1	2	86	1

Table 6

ECLAMPSIA

Total No. of cases	5
Incidence:- Overall	0.08 %
Among toxæmia	0.68 %
Total No. of babies	5

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

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	-	-	-
Non-booked	-	-	-	-	-	-	-
Total	5	100.00	-	5	-	-	-

AGE GROUP:-

20 & under	1	20.00	-	1	-	-	-
21 - 25	3	60.00	-	3	-	-	-
26 - 30	-	-	-	-	-	-	-
31 - 35	1	20.00	-	1	-	-	-
36 - 40	-	-	-	-	-	-	-
41 & over	-	-	-	-	-	-	-
Total	5	100.00	-	5	-	-	-

PARITY:-

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

METHOD OF DELIVERY:-

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

Table 7
UNCLASSIFIED TOXAEMIA 'A'

Total No. of cases	237	
Incidence:- Overall	3.78 %	
Among toxæmia	32.03 %	
Total No. of babies	243	
Multiple pregnancies	6	
Maternal deaths	-	
S. B.	2	(0.82 %)
N. N. D.	3	(1.24 %)
F. N. D.	4	(1.65 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	227	95.78	-	233	2	2	3
Non-booked	10	4.22	-	10	-	1	1
Total	237	100.00	-	243	2	3	4

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	30	12.66	-	30	1	-	1
21 - 25	77	32.49	-	78	1	2	2
26 - 30	83	35.02	-	87	-	1	1
31 - 35	31	13.08	-	32	-	-	-
36 - 40	10	4.22	-	10	-	-	-
41 & over	6	2.53	-	6	-	-	-
Total	237	100.00	-	243	2	3	4

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	142	59.92	-	142	2	3	4
Para 1	39	16.46	-	43	-	-	-
Para 2 & over ...	56	23.62	-	58	-	-	-
Total	237	100.00	-	243	2	3	4

UNCLASSIFIED TOXAEMIA 'A' (Continued)

METHOD OF DELIVERY AND FORTAL 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	60	1	1	2	2	-	1	1
(1) Spont. vertex delivery ...	32	1	-	1	-	-	-	-
(2) Spont. breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum extraction	6	-	-	-	-	-	-	-
(4) Forceps	13	-	-	-	1	-	-	-
(5) Breech delivery	1	-	-	-	-	-	-	-
(6) E.L.S.C.S.	4	-	-	-	-	-	-	-
(7) L.S.C.S.	4	-	1	1	1	-	1	1
(B) Induced labour	79	1	1	1	1	-	-	-
(1) Spont. vertex delivery ...	23	-	1	-	-	-	-	-
(2) Spont. breech delivery ...	1	1	-	1	-	-	-	-
(3) Vacuum extraction	27	-	-	-	1	-	-	-
(4) Forceps	8	-	-	-	-	-	-	-
(5) Breech delivery	2	-	-	-	-	-	-	-
(6) L.S.C.S.	13	-	-	-	-	-	-	-
Total	139	2	2	3	3	-	1	1
MULTIPARAE								
(A) Spontaneous labour	54	-	-	-	5	-	-	-
(1) Spont. vertex delivery ...	40	-	-	-	5	-	-	-
(2) Spont. breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum extraction	3	-	-	-	-	-	-	-
(4) Forceps	2	-	-	-	-	-	-	-
(5) Breech delivery	2	-	-	-	-	-	-	-
(6) E.L.S.C.S.	4	-	-	-	-	-	-	-
(7) L.S.C.S.	3	-	-	-	-	-	-	-
(B) Induced labour	40	-	-	-	2	-	-	-
(1) Spont. vertex delivery ...	33	-	-	-	2	-	-	-
(2) Spont. breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum extraction	2	-	-	-	-	-	-	-
(4) Forceps	3	-	-	-	-	-	-	-
(5) Breech delivery	1	-	-	-	-	-	-	-
(6) L.S.C.S.	1	-	-	-	-	-	-	-
Total	94	-	-	-	7	-	-	-
GRAND TOTAL	233	2	2	3	10	-	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		121	1	2	3
Under 1 500		2	1	1	2
1,500 - 2,000		3	-	-	-
2,001 - 2,500		18	-	1	1
2,501 - 3,000		43	-	-	-
3,001 - 3,500		40	-	-	-
3,501 - 4,000		14	-	-	-
4,001 & over		1	-	-	-
(B) Induced labour		122	1	1	1
1,501 - 2,000		2	-	-	-
2,001 - 2,500		11	-	-	-
2,501 - 3,000		53	1	-	1
3,001 - 3,500		45	-	1	-
3,501 - 4,000		10	-	-	-
4,001 & over		1	-	-	-
Total		243	2	3	4

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

	No. of cases
Toxaemia	52
Foetal distress	18
Previous C.S.	10
Uterine dysfunction	6
Malpresentations: Breech	6
Prematurity	5
Failed induction	4
C-P disproportion	3
Unfavourable pelvis	2
Maternal distress	2
Contracted pelvis	1
Foetal and Maternal distress	1
Failed trial of labour	1
Elderly primigravida	1
Cardiac disease	1
APH of unknown origin	1
Diabetes Mellitus	1
Other indications	5

Table 8
UNCLASSIFIED TOXAEMIA 'B'

Total No. of cases	28	
Incidence:- Overall	0.45	%
Among toxemia	3.78	%
Total No. of babies	28	
Multiple pregnancies	-	
Maternal deaths	-	
S.B.	1	(3.57 %)
N.N.D.	-	(- %)
P.N.D.	1	(3.57 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	25	89.29	-	25	1	-	1
Non-booked	3	10.71	-	3	-	-	-
Total	28	100.00	-	28	1	-	1

AGE GROUP:-

20 & under	3	10.72	-	3	-	-	-
21 - 25	7	25.00	-	7	-	-	-
26 - 30	9	32.14	-	9	1	-	1
31 - 35	8	28.57	-	8	-	-	-
36 - 40	1	3.57	-	1	-	-	-
41 & over	-	-	-	-	-	-	-
Total	28	100.00	-	28	1	-	1

PARITY:-

Para 0	10	35.71	-	10	-	-	-
Para 1	8	28.58	-	8	-	-	-
Para 2 & over	10	35.71	-	10	1	-	1
Total	28	100.00	-	28	1	-	1

UNCLASSIFIED TOXAEMIA 'B' (Continued)

METHOD OF DELIVERY AND FOETAL LOSS:-

Method of delivery	Booked				Non-booked			
	No. of babies	S.B.	N.N.D.	P.N.D.	No. of babies	S.B.	N.N.D.	P.N.D.
PRIMIPARAE								
(A) Spontaneous labour	6	-	-	-	-	-	-	-
(1) Spont. Vertex delivery ...	2	-	-	-	-	-	-	-
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	1	-	-	-	-	-	-	-
(4) Forceps	1	-	-	-	-	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) (E) L.S.C.S.	-	-	-	-	-	-	-	-
(7) L.S.C.S.	2	-	-	-	-	-	-	-
(B) Induced labour	4	-	-	-	-	-	-	-
(1) Spont. Vertex delivery ...	4	-	-	-	-	-	-	-
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	-	-	-	-	-	-	-	-
(4) Forceps	-	-	-	-	-	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) L.S.C.S.	-	-	-	-	-	-	-	-
Total	10	-	-	-	-	-	-	-
MULTIPARAE								
(A) Spontaneous labour	10	1	-	1	1	-	-	-
(1) Spont. Vertex delivery ...	4	1	-	1	1	-	-	-
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	4	-	-	-	-	-	-	-
(4) Forceps	1	-	-	-	-	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) (E) L.S.C.S.	-	-	-	-	-	-	-	-
(7) L.S.C.S.	1	-	-	-	-	-	-	-
(B) Induced labour	5	-	-	-	2	-	-	-
(1) Spont. Vertex delivery ...	2	-	-	-	1	-	-	-
(2) Spont. Breech delivery ...	-	-	-	-	-	-	-	-
(3) Vacuum Extraction	1	-	-	-	-	-	-	-
(4) Forceps	2	-	-	-	1	-	-	-
(5) Breech delivery	-	-	-	-	-	-	-	-
(6) L.S.C.S.	-	-	-	-	-	-	-	-
Total	15	1	-	1	3	-	-	-
GRAND TOTAL	25	1	-	1	3	-	-	-

UNCLASSIFIED TABLE 'B' (Continued)

BIRTH WEIGHT AND FETAL LOSS:-

	Birth weight (grams)	No. of babies	S.B.	N.N.D.	F.F.D.
(A)	Spontaneous labour	17	1	-	1
	Under 1,500	1	1	-	1
	1,501 - 2,000	1	-	-	-
	2,001 - 2,500	-	-	-	-
	2,501 - 3,000	7	-	-	-
	3,001 - 3,500	6	-	-	-
	3,501 - 4,000	2	-	-	-
(B)	Induced labour	11	-	-	-
	1,501 - 2,000	1	-	-	-
	2,001 - 2,500	2	-	-	-
	2,501 - 3,000	4	-	-	-
	3,001 - 3,500	3	-	-	-
	3,501 - 4,000	1	-	-	-
	Total	28	1	-	1

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

	No. of cases
Toxaemia	8
Breech presentation	3
Foetal distress	2
Prematurity	1
Previous L.S.C.S.	1
Other indications	3

Table 9
RECURRENT TOXAEMIA

Total No. of cases	38	
Booked	36	
Non-booked	2	
Primiparae	2	
Multiparae	36	
Incidence:- Overall	0.61	%
Among toxæmia	5.14	%
Total No. of babies	39	
Multiple pregnancies	1	
Maternal deaths	-	
S. B.	1	(2.56%)
N. N. D.	1	(2.63%)
P. N. D.	2	(5.13%)

Table 10
ESSENTIAL HYPERTENSION

Total No. of cases	7
Booked	7
Non-booked	-
Primiparae	1
Multiparae	6
Incidence:- Overall	0.11%
Among toxæmia	0.95%
Total No. of babies	7

No multiple pregnancies, maternal death, S.B. or N.N.D. in these 7 patients.

Table 11
BREECH PRESENTATIONS

Total No. of cases	243	
Booked	230	
Non-booked	13	
Primiparae	126	
Multiparae	117	
Single pregnancies	224	
Multiple pregnancies	19*	
Maternal Deaths	-	
Total No. of babies	245	
Incidence	3.88	%
Caesarean section	126	
Caesarean section rate	51.85	%

* In 2 sets of twin pregnancies, both twins were in breech presentation.

BREECH PRESENTATIONS (Continued)
UNCOMPLICATED BREECH DELIVERIES

Total No. of cases	143		
Maternal deaths	-		
S. B.	2	(1.40%)
N. N. D.	1	(0.71%)
P. N. D.	3	(2.10%)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	140	97.90	-	140	1	1	2
Non-booked	3	2.10	-	3	1	-	1
Total	143	100.00	-	143	2	1	3

METHOD OF DELIVERY, BIRTH WEIGHT AND FOETAL LOSS:-

Method of delivery \ Birth weight.	2,501 - 3,500 gms.			3,501 gms. & over				
	No. of babies	S.B.	N.N.D.	P.N.D.	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	2	-	-	-	-	-	-	-
Vacuum Extraction	-	-	-	-	-	-	-	-
Assisted with forceps for A.C.H.	43	-	-	-	2	-	-	-
Assisted with B.M.T. for A.C.H.	18	1	1	2	4	-	-	-
Breech extraction	1	-	-	-	-	-	-	-
C.S.	53	1	-	1	19	-	-	-
Jaw shoulder extraction	1	-	-	-	-	-	-	-
Total	118	2	1	3	25	-	-	-

Caesarean section rate 50.35 %

BREECH PRESENTATIONS (Continued)
COMPLICATED BREECH DELIVERIES

Total No. of cases	100	
Multiple pregnancies	13	*
Total No. of babies	102	
Maternal deaths	-	
S.B.	4	(3.92%)
N.N.D.	8	(8.16%)
P.N.D.	11	(10.78%)

BOOKED AND NON-BOOKED:

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	F.N.D.
Booked ..	90	90.00	-	91	4	3	7
Non-booked	10	10.00	-	11	-	5	4
Total	100	100.00	-	102	4	8	11

METHOD OF DELIVERY AND FOETAL RESULT:

	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	2	1	-	1
Vacuum extraction	-	-	-	-
Assisted breech with forceps				
for A.C.H.	24	-	-	-
Assisted breech with B.M.T.				
for A.C.H.	19	2	4	5
Breech extraction	2	1	-	1
Jaw shoulder traction	1	-	-	-
C.S.	54	-	4	4
Total	102	4	8	11

Caesarean section rate 52.94%

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

	No. of cases
Prematurity	44
Toxaemia	30
Twin pregnancy	13
Contracted pelvis	9
Placenta praevia	5
Prolapse of cord	4
APH of unknown origin	3
Prolonged leaking	1
Multiple abnormality of babies	1
Total	110

* In 2 sets of twins, both infants were in breech presentation

Table 12

TRANSVERSE AND OBLIQUE LIE
(in labour)

Total No. of cases	3	
Incidence	0.05	%
Total No. of babies	3	
Multiple pregnancies	1*	

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

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	3	100.00	-	3	-	-	-
Non-booked	-	-	-	-	-	-	-
Total	3	100.00	-	3	-	-	-

MANAGEMENT AND FOETAL LOSS:-

Method of delivery	No. of babies	S.B.	N.N.D.	P.N.D.
Version in Labour before low forceps + ACII	1	-	-	-
Version in Labour before assisted breech	-	-	-	-
Internal version and breech extraction	-	-	-	-
L.S.C.S.	2	-	-	-
C.C.S.	-	-	-	-
Caesarean hysterectomy	-	-	-	-
Total	3	-	-	-

*Only one infant was in Transverse and Oblique lie.

Table 13

Persistent occipito-transverse/Posterior, compound,
Face and Brow Malpresentations

	Persistent occipito Transverse/Posterior	Compound	Face & Brow
Total No. of cases	186	1	5
Incidence %	2.97	0.02	0.08
Total No, of babies	187	1	5
Multiple pregnancy	2 ^x	-	1 ⁺
Booked	183	1	1
Non-booked	3	-	-
<hr/>			
Method of Delivery			
<hr/>			
Spontaneous	21 ^{xx} (11.2%)	-	2 (40%)
Vacuum Extraction	61 (32.6%)	-	-
Forceps	11 (5.9%)	-	-
Caesarean Section	94 ^{xxx} (50.3%)	1 (100%)	3 (60%)

There were no maternal deaths, S.B. nor N.N.D. in these 195 patients.

^x 3 babies were in O.P./O.T. position.

^{xx} Face to pubis.

^{xxx} The operation may have been performed for other reasons.

⁺ One twin only was a brow.

Table 14

PROLAPSE AND PRESENTATION OF CORD

Total No. of cases	9
Incidence	0.14 %
Total No. of babies	9
Multiple pregnancies	1*
Maternal deaths	-
S. B.	(- %)
N. N. D.	(22.22 %)
P. N. D.	(22.22 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	9	100.00	-	9	-	2	2
Non-booked	1	-	-	-	-	-	-
Total	9	100.00	-	9	-	2	2

PRESENTATION AND FOETAL LOSS:-

Presentation	No. of babies	S.B.	N.N.D.	P.N.D.
Vertex	5	-	1	1
Breech	4	-	1	1
Compound	-	-	-	-
Transverse and oblique lie	-	-	-	-
Total	9	-	2	2

MANAGEMENT AND FOETAL LOSS:-

Method of delivery	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	1	-	-	-
Vacuum extraction	1	-	-	-
Low forceps	-	-	-	-
Breech extraction	1	-	-	-
Assisted breech delivery with forceps for ACH	1	-	-	-
Internal version and breech extraction	-	-	-	-
L.S.C.S.	5	-	2	2
C.C.S.	-	-	-	-
Total	9	-	2	2

* Only one infant had prolapse of cord.

Table 15
HYDRAMNIOS

Total No. of cases	13	
Booked	12	
Non-booked	1	
Incidence	0.21	%
Total No. of babies	14	
Multiple pregnancies	4 ⁺ **	
Maternal deaths	-	
S. B.	3	(21.43 %)
N. N. D.	5	(45.45 %)
P. N. D.	8	(57.14 %)

ASSOCIATED FOETAL ABNORMALITIES:-

	No. of cases
Anomalies of central nervous system	1
Hydrocephalus	1
Prematurity	3
Anomalies of respiratory tract	1
PM lung atelectases	1
Multiple anomalies	1
Conjoined twins	1
Hydrops foetalis	1
No anomalies	4 (with one IUD)
+ Including one set of triplets and one set of conjoined twins.	

** In the set of triplets, only one infant was complicated by hydramnios.
With the conjoined twins both infants were complicated by hydramnios.

Table 16
LABOUR FOLLOWING PREVIOUS CAESAREAN SECTION

Total No. of cases	188		
Total No. of babies	188		
Multiple pregnancies	-		
Maternal deaths	-		
S. B.	1	(0.53 %)
N. N. D.	2	(1.07 %)
P. N. D.	3	(1.60 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	188	100.00	-	188	1	2	3
Non-booked	-	-	-	-	-	-	-
Total	188	100.00	-	188	1	2	3

METHOD OF DELIVERY:-

	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	65	1	1	2
Vacuum extraction	46	-	-	-
Low forceps	20	-	-	-
Assisted breech delivery with forceps for A.C.H.	1	-	-	-
C.S.	56	-	1	-
Total	188	1	2	3

Table 17
INDUCTION OF LABOUR

Total No. of cases	1227	
Incidence	19.58 %	
Total No. of babies	1245	
Multiple pregnancies	18	
Maternal deaths	-	
S. B.	9	(0.72 %)
N. N. D.	7	(0.57 %)
P. N. D.	12	(0.96 %)
Success rate*	84.11 %	

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	1180	96.17	-	1197	9	7	12
Non-booked	47	3.83	-	48	-	-	-
Total	1227	100.00	-	1245	9	7	12

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

	No. of cases
Prolonged leakage of liquor or rupture of membranes ...	405
Toxaemia of pregnancy	349
Postmaturity	231
A.P.H. of unknown origin	52
Diabetes mellitus	23
Intrauterine death	9
Elderly primipara	4
Placenta praevia	3
Accidental haemorrhage	1
Others	176

* All Caesarean Section were counted as failure of induction.

INDUCTION OF LABOUR (Continued)

METHOD OF INDUCTION:-

Medical	387	(31.54 %)
Surgical	104	(8.48 %)
Combined medical and surgical	736	(59.98 %)

MEDICAL INDUCTION

PARITY:-

	No. of cases	Per-centage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Para 0	287	74.16	-	3	1	3
Para 1	49	12.66	-	4	-	4
Para 2 & over	51	13.18	-	1	-	1
Total	387	100.00	-	8	1	8

METHOD OF DELIVERY:-

	No. of cases	Per-centage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Spontaneous	235	60.41	-	5	1	5
Vacuum extraction	64	16.45	-	-	-	-
Forceps	28	7.20	-	-	-	-
Assisted breech with forceps for A.C.H.	6	1.54	-	-	-	-
Assisted breech with B.M.T. for A.C.H.	5	1.29	-	1	-	1
Breech extraction	2	0.51	-	1	-	1
C.S.	48	12.34	-	1	-	1
Jaw & shoulder extraction	1	0.26	-	-	-	-
Total	389*	100.00	-	8	1	8

* Including 2 sets of twins.

SURGICAL INDUCTION

PARITY:-

	No. of cases	Per-centage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Para 0	34	32.69	-	-	-	-
Para 1	22	21.15	-	-	-	-
Para 2 & over	48	46.16	-	-	-	-
Total	104	100.00	-	-	-	-

INDUCTION OF LABOUR (Continued)

METHOD OF DELIVERY:-

	No. of Babies	Percentage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Spontaneous	74	69.81	-	-	-	-
Vacuum extraction ..	14	13.21	-	-	-	-
Low Forceps	5	4.72	-	-	-	-
Assisted Breech with B.M.T. for A.C.H.	1	0.94	-	-	-	-
Assisted Breech with forceps for A.C.H.	1	0.94	-	-	-	-
Breech extraction ...	-	-	-	-	-	-
L.S.C.S.	11	10.38	-	-	-	-
Total	106*	100.00	-	-	-	-

* Including 2 sets of twins.

COMBINED MEDICAL AND SURGICAL INDUCTIONS

PARITY:-

	No. of Babies	Percentage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Para 0	493	66.99	-	1	2	2
Para 1	125	16.98	-	-	4	2
Para 2 & over	118	16.03	-	-	-	-
Total	736	100.00	-	1	6	4

METHOD OF DELIVERY:-

	No. of Babies	Percentage	Maternal deaths	S.B.	N.N.D.	P.N.D.
Spontaneous	417	55.60	-	-	4	1
Vacuum extraction	142	18.94	-	-	-	-
Low forceps	50	6.67	-	1	-	1
Asst. Breech with B.M.T. for A.C.H.	1	0.13	-	-	-	-
Asst. Breech with forceps for A.C.H. ...	3	0.40	-	-	-	-
Jaw shoulder extraction	1	0.13	-	-	-	-
C.S.	136	18.13	-	-	2	2
Total	750*	100.00	-	1	6	4

* Including 14 sets of twins.

Table 18

VACUUM EXTRACTION

Total No. of cases	706
Incidence	11.27%
Total No. of babies	706
Multiple pregnancies	-
Maternal deaths	-
S.B.	2 (0.28%)
N.N.D.	- (- %)
P.N.D.	2 (0.28%)

BOOKED AND NON-BOOKED:

	No. of cases	%	Maternal deaths	No. of live births	S.B.	N.N.D.	P.N.D.
Booked..	695	98.44	-	695	2	-	2
Non-booked..	11	1.56	-	11	-	-	-
Total ..	706	100.00	-	706	2	-	2

PARITY:

Para 0..	571	80.88	-	571	2	-	2
Para 1..	96	13.60	-	96	-	-	-
Para 2 & over..	39	5.52	-	39	-	-	-
Total ..	706	100.00	-	706	2	-	2

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

	No. of cases
Prolonged 2nd stage	269
Foetal distress	203
Toxaemia of pregnancy	143
P.O.P. or P.O.T.	61
Previous L.S.C.S.	46
Maternal distress	25
Cardiac disease	19
APH of unknown origin	13
Diabetes mellitus	8
Uterine dysfunction	4
Both Foetal and Maternal distress	3
Elderly primigravida	3
Contracted pelvis	2
Tumours associated with pregnancy	2
Pulmonary tuberculosis	1
Prolapse of cord	1
Failed trial of labour	1
Prolonged 1st stage	1
Other medical disease	1
Other indications	41

FORCEPS DELIVERY

Total No. of cases	350
Incidence	5.58%
Total No. of babies	356
Multiple pregnancies	20*
Maternal deaths	-
S.B.	5 (1.40%)
N.N.D.	3 (0.85%)
P.N.D.	7 (1.97%)

BOOKED AND NON-BOOKED:

	No. of cases	%	Maternal deaths	No. of live births	S.B.	N.N.D.	P.N.D.
Booked...	332	94.86	-	337	5	2	7
Non-booked...	18	5.14	-	19	-	1	-
Total ..	350	100.00	-	356	5	3	7

PARITY:

Para 0 ..	244	69.71	-	247	2	2	4
Para 1 ..	75	21.43	-	77	2	1	2
Para 2 & over ..	31	8.86	-	32	1	-	1
Total ..	350	100.00	-	356	5	3	7

Type of Forceps and Foetal Loss:

Type of forceps	No. of babies	Primiparae			Multiparae			
		S.B.	N.N.D.	P.N.D.	No. of babies	S.B.	N.N.D.	P.N.D.
Low forceps..	205	2	2	4	82	3	1	3
Asst. Breech with forceps for ACH..	42	-	-	-	27	-	-	-
Total ..	247	2	2	4	109	3	1	3

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

	No. of cases
Prematurity	112
Toxaemia of pregnancy	74
Breech presentation	69
Foetal distress	61
Prolonged 2nd stage	26
Previous L.S.C.S.	21
Cardiac disease	18
P.O.P. or P.O.T.	11
Diabetes mellitus	6
Failed trial of V.E.	5
APH of unknown origin	5
Maternal distress	4
Unfavourable pelvis	1
Accidental haemorrhage	1
Placenta praevia	1
Transverse lie	1
Prolapse of cord	1
Other medical disease	2
Other indications	25

*Only 6 sets of twins were both delivered by forceps

Table 20

Version in Labour

An internal podalic version was carried out for the delivery of the third baby in a triplet pregnancy. See cases of special interest.

Table 21
CAESAREAN SECTION

Total No. of cases	796
Incidence	12.70 %
Total No. of babies	799
Multiple pregnancies	5*
Maternal deaths	-
S.B.	3 (0.38 %)
N.N.D.	12 (1.51 %)
F.N.D.	14 (1.75 %)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	781	98.12	-	782	3	9	11
Non-booked	15	1.88	-	17	-	3	3
Total	796	100.00	-	799	3	12	14

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	47	5.90	-	47	-	1	1
21 - 25	248	31.16	-	250	1	4	5
26 - 30	345	43.34	-	346	1	4	4
31 - 35	114	14.32	-	114	1	3	4
36 - 40	33	4.15	-	33	-	-	-
41 & over	9	1.13	-	9	-	-	-
Total	796	100.00	-	799	3	12	14

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	427	53.64	-	430	1	7	8
Para 1	252	31.66	-	252	1	2	3
Para 2 & over	117	14.70	-	117	1	3	3
Total	796	100.00	-	799	3	12	14

* In only 3 sets of twins where both infants were delivered by Caesarean Section.

CAESAREAN SECTION (Continued)

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

Previous L.S.C.S.	267
Toxaemia of pregnancy	139
Breech presentation	126
Uterine dysfunction	101
Unfavourable pelvis	100
P.O.P. or P.O.T.	94
C-P disproportion	84
Contracted pelvis	83
Foetal distress	79
Failed trial of labour	54
Failed induction of labour	46
Placenta praevia	27
Cardiac disease	16
Elderly primigravida	14
Tumour associated with pregnancy	12
Diabetes mellitus	12
APH of unknown origin	11
Maternal distress	5
Accidental haemorrhage	5
Prolapse of cord	5
Presentation of cord	3
Previous C.C.S.	2
Face	2
Transverse lie	2
Failed trial of V.E.	2
Failed trial of vacuum & forceps	2
Prematurity	2
Both foetal and maternal distress	1
Brow	1
Compound presentation	1
Other medical disease	1
Other indications	98

Table 22

RUPTURE OF UTERUS

No patient had rupture of uterus

Table 23
CONTRACTED PELVIS

Total No. of cases	93
Incidence	1.48 %
Total No. of babies	93
Multiple pregnancies	-
Maternal deaths	-
S.B.	1 (1.08%)
N.N.D.	- (- %)
P.N.D.	1 (1.08%)

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	92	98.92	-	92	1	-	1
Non-booked	1	1.08	-	1	-	-	-
Total	93	100.00	-	93	1	-	1

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	41	44.09	-	41	1	-	1
Para 1	39	41.93	-	39	-	-	-
Para 2 and over	13	13.98	-	13	-	-	-
Total	93	100.00	-	93	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	4	1	-	1	4	-	-	-
Vacuum extraction	2	-	-	-	-	-	-	-
Forceps	-	-	-	-	-	-	-	-
L.S.C.S.	35	-	-	-	48	-	-	-
Total	41	1	-	1	52	-	-	-

Table 24

ANTEPARTUM HAEMORRHAGE

Total No. of cases	152	
Incidence	2.43	%
Total No. of babies	152	
Multiple pregnancies	-	
Maternal deaths	-	
S. B.	2	(1.32 %)
N. N. D.	6	(4.00 %)
P. N. D.	8	(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	141	92.76	-	141	2	5	7
Non-booked	11	7.24	-	11	-	1	1
Total	152	100.00	-	152	2	6	8

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	93	61.18	-	93	-	2	2
Para 1	28	18.42	-	28	1	3	4
Para 2 & over	31	20.40	-	31	1	1	2
Total	152	100.00	-	152	2	6	8

TYPE OF A.P.H. :-

Accidental haemorrhage	8	(5.26 %)
Placenta praevia	31	(20.40 %)
A.C.H. of unknown origin	81	(53.29 %)
A.C.H. due to extra-placental causes	32	(21.05 %)

Table 25
PLACENTA PRAEVIA

Total No. of cases	31	
Incidence:- Overall	0.49	%
Among A.P.H.	20.40	%
Total No. of babies	31	
Multiple pregnancies	-	
Maternal deaths	-	
S.B.	1	(3.23) %
N.N.D.	1	(3.33) %
P.N.D.	2	(6.45) %

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	26	83.87	-	26	1	1	2
Non-booked	5	16.13	-	5	-	-	-
Total	31	100.00	-	31	1	1	2

AGE GROUP:-

20 & under	1	3.23	-	1	-	-	-
21 - 25	8	25.80	-	8	-	-	-
26 - 30	11	35.48	-	11	1	-	1
31 - 35	10	32.26	-	10	-	1	1
36 - 40	1	3.23	-	1	-	-	-
Total	31	100.00	-	31	1	1	2

PARITY:-

Para 0	12	38.71	-	12	-	-	-
Para 1	8	25.81	-	8	1	-	1
Para 2 & over	11	35.48	-	11	-	1	1
Total	31	100.00	-	31	1	1	2

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	3	9.68	-	3	-	-	-
Low forceps	1	3.23	-	1	1	-	1
L.S.C.S.	27	87.09	-	27	-	1	1
C:C:S:	-	-	-	-	-	-	-
Total	31	100.00	-	31	1	1	2

BLOOD LOSS AND FOETAL LOSS:-

Amount (ml.)	No. of Babies	S.B.	N.N.D.	P.N.D.
0 - 500 ml.	23	-	1	1
501 - 1,000 ml.	5	-	-	-
1,001 - 1,500 ml.	2	1	-	1
1,501 - 2,000 ml.	1	-	-	-
Total	31	1	1	2

Table 26
ACCIDENTAL ANTEPARTUM HAEMORRHAGE

Total No. of cases	8
Incidence:- Overall	0.13 %
Among A.P.H.	5.26 %
Total No. of babies	8
Multiple pregnancies	-
Maternal deaths	-
S.B.	1 (12.50%)
N.N.D.	1 (14.29%)
P.N.D.	2 (25.00%)

CAUSES:-

Toxaemia	1
Unknown	7

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	8	100.00	-	8	1	1	2
Non-booked	-	-	-	-	-	-	-
Total	8	100.00	-	8	1	1	2

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
21 - 25	4	50.00	-	4	-	-	-
26 - 30	1	12.50	-	1	-	-	-
31 - 35	1	12.50	-	1	1	-	1
36 - 40	2	25.00	-	2	-	1	1
Total	8	100.00	-	8	1	1	2

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	2	25.00	-	2	-	-	-
Para 1	4	50.00	-	4	-	1	1
Para 2 & over	2	25.00	-	2	1	-	1
Total	8	100.00	-	8	1	1	2

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	2	25.00	-	2	-	1	1
Low forceps	1	12.50	-	1	-	-	-
L.S.C.S.	5	62.50	-	5	1	-	1
Total	8	100.00	-	8	1	1	2

Table 27

A.P.H. OF UNKNOWN ORIGIN

Total No. of cases	81	
Incidence: - Overall	1.29	%
Among A.P.H.	53.29	%
Total No. of babies	81	
Multiple pregnancies	-	
Maternal deaths	-	
S.B.	-	
H.N.D.	2	
P.N.D.	2	

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of Babies	S.B.	N.N.D.	P.N.D.
Booked	76	93.83	-	76	-	1	1
Non-Booked	5	6.17	-	5	-	1	1
Total	81	100.00	-	81	-	2	2

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of Babies	S.B.	N.N.D.	P.N.D.
Para 0	58	71.60	-	58	-	2	2
Para 1	8	9.88	-	8	-	-	-
Para 2 & over	15	18.52	-	15	-	-	-
Total	81	100.00	-	81	-	2	2

METHOD OF DELIVERY:-

	No. of cases	Per-centage	Maternal deaths	No. of Babies	S.B.	N.N.D.	P.N.D.
Spontaneous	50	61.73	-	50	-	-	-
Vacuum extraction	13	16.05	-	13	-	-	-
Low Forceps	5	6.17	-	5	-	-	-
Assisted breech with forceps for A.C.H.	2	2.47	-	2	-	-	-
L.S.C.S.	11	13.58	-	11	-	2	2
Total	81	100.00	-	81	-	2	2

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

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

Contracted pelvis	3
Failed induction of labour	4
Previous C.S. and failed trial of labour	2
Breech presentation, unfavourable pelvis and toxemia	2
Failed V.E. and L.F., P.O.P. and C-P disproportion	2
Uterine Dysfunction	1

Table 28
A.P.H. DUE TO EXTRA-PLACENTAL CAUSES

Total No. of cases	32
Incidence:- Overall	0.51 %
Among A.P.H.	21.05 %
Total No. of babies	32
Multiple pregnancies	-
Maternal deaths	-
S.B.	-
N.N.D.	2
P.N.D.	2

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Booked	31	96.88	-	31	-	2	2
Non-booked	1	3.12	-	1	-	-	-
Total	32	100.00	-	32	-	2	2

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	20	62.50	-	20	-	-	-
Para 1	9	28.13	-	9	-	2	2
Para 2 & over	3	9.37	-	3	-	-	-
Total	32	100.00	-	32	-	2	2

CAUSES:-

Cervical erosion	29
Vaginitis	1
Vaginal laceration	1
Trauma varicosity	1

Table 29

POSTPARTUM HAEMORRHAGE

Total No. of cases	76
Incidence	1.21
Total No. of babies	76*
Multiple pregnancies	1
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	70	92.11	-	70	2	-	2
Non-booked	6	7.89	-	6	-	-	-
Total	76	100.00	-	76	2	-	2

AGE GROUP:-

20 & under	6	7.89	-	6	-	-	-
21 - 25	24	31.58	-	25	1	-	1
26 - 30	33	43.42	-	32	1	-	1
31 - 35	13	17.11	-	13	-	-	-
Total	76	100.00	-	76	2	-	2

PARITY:-

Para 0	44	57.90	-	45	-	-	-
Para 1	18	23.68	-	17	2	-	2
Para 2 & over	14	18.42	-	14	-	-	-
Total	76	100.00	-	76	2	-	2

METHOD OF DELIVERY:-

Spontaneous	42	55.26	-	42	-	-	-
Vacuum extraction	13	17.10	-	13	-	-	-
Low Forceps	9	11.84	-	9	1	-	1
Assisted breech with B.M.T. for A.C.H.	1	1.32	-	1	-	-	-
Breech extraction	1	1.32	-	1	1	-	1
Caesarean section	10	13.16	-	10	-	-	-
Total	76	100.00	-	76	2	-	2

* Including 3BBA cases (only 2 infants were admitted).

POSTPARTUM HAEMORRHAGE

(Continued)

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

	Primiparae	Multiparae	Total
Retained placenta	6	8	14
Uterine atony	16	6	22
Hypofibrinogenaemia	-	-	-
Trauma to genital tract	8	7	15
Inversion of uterus	-	-	-
Retained products of conception	6	3	9
Genital tract infection	1	2	3
Genital tract infection and retained products of conception.....	-	1	1
Subinvolution	4	3	7
Others	3	2	5

AMOUNT OF BLOOD LOSS:-

Millilitres	Primiparae	Multiparae	Tot 1
500 or less	17	13	30
501 - 1,000	23	16	39
1,001 - 1,500	1	1	2
1,501 - 2,000	2	-	2
2,001 - 2,500	-	1	1
2,501 - 3,000	-	-	-
3,001 & over	1	1	2
Total	44	32	76

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

Blood transfusion	20	13	33
Fibrinogen	-	-	-
Both	1	-	1
Conservative (Ergometrine, Syntocinon, etc.)	14	8	22
Placenta delivered by fundal pressure	-	-	-
Placenta delivered by B.A.T.	-	-	-
Manual removal of placenta or cotyledon	2	3	5
Repair of laceration	4	4	8
Evacuation of uterus	11	8	19
Hysterectomy	2	-	2
Hysterectomy and ligation of internal iliac arteries	-	1	1

Table 30
MANUAL REMOVAL OF PLACENTA

Total No. of cases	60*
Incidence	0.96 %
Total No. of babies	61
Multiple pregnancies	1
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	51	85.00	-	52	1	1	2
Non-booked	9	15.00	-	9	-	-	-
Total	60	100.00	-	61	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	2	3.33	-	2	-	-	-
21 - 25	25	41.67	-	25	1	-	1
26 - 30	25	41.67	-	26	-	1	1
31 - 35	8	13.33	-	8	-	-	-
36 - 40	-	-	-	-	-	-	-
41 & over	-	-	-	-	-	-	-
Total	60	100.00	-	61	1	1	2

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	27	45.00	-	28	-	-	-
Para 1	16	26.67	-	16	1	1	2
Para 2 & over	17	28.33	-	17	-	-	-
Total	60	100.00	-	61	1	1	2

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

	Primiparae	Multiparae	Total
Adherent placenta	23	26	49
Retained placenta	1	5	6
Broken cord	3	1	4
Others	-	1	1
Total	27	33	60

* Including 3BBA 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	43	71.67	-	44	-	-	-
Vacuum extraction	9	15.00	-	9	-	-	-
L.S.C.S.	1	1.67	-	1	-	-	-
Assisted breech with B.M.F. for A.C.H.	2	3.33	-	2	-	1	1
Assisted breech with forceps for A.C.H.	2	3.33	-	2	-	-	-
Low forceps	2	3.33	-	2	-	-	-
Low shoulder extraction	1	1.67	-	1	1	-	1
Total	60	100.00	-	61	1	1	2

Postpartum haemorrhage 5 cases (8.33%)

DURATION OF LABOUR:-

Second stage over 1 hour No. of cases
34

Table 31

TUMOURS ASSOCIATED WITH PREGNANCY,
LABOUR OR PUERPERIUM

Total No. of cases	28
Incidence	0.15%
Total No. of babies	28

No multiple pregnancies, maternal death, S.B. or P.L.D. in these 28 patients

BOOKED AND NON-BOOKED:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	P.L.D.	P.L.D.
Booked	27	96.43	-	27	-	-	-
Non-booked	1	3.57	-	1	-	-	-
Total	28	100.00	-	28	-	-	-

PARITY:-

Para 0	18	64.28	-	18	-	-	-
Para 1	5	17.86	-	5	-	-	-
Para 2 & over	5	17.86	-	5	-	-	-
Total	28	100.00	-	28	-	-	-

TITLE OF TUMOUR:-

Uterine fibromyomata	15
Ovarian cyst	9
Parovarian cyst	1
Other benign tumour of ovary	1
Other benign tumour of uterus	1
Other tumours	1

METHOD OF DELIVERY:-

Spontaneous	14
L.S.C.S.	12
Vacuum extraction	2

Table 32
MULTIPLE PREGNANCY

Number of cases 37*

TWIN PREGNANCY

Total No. of cases 36
 Incidence of twin pregnancy 0.57 %
 Total No. of babies 72
 Maternal deaths -
 Binovular 10
 Uniovular 25
 Unknown 1

FOETAL MORTALITY:-

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

+ Excluding one set of conjoined twins which had N.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	35	97.22	-	70**	2	3**	5
Non-booked	1	2.78	-	2	-	-	-
Total	36	100.00	-	72**	2	3**	5

AGE GROUP:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
20 & under	1	2.78	-	2	-	-	-
21 - 25	10	27.78	-	20	1	-	1
26 - 30	17	47.22	-	34**	1	3**	4
31 - 35	7	19.44	-	14	-	-	-
36 - 40	1	2.78	-	2	-	-	-
41 & over	-	-	-	-	-	-	-
Total	36	100.00	-	72**	2	3**	5

PARITY:-

	No. of cases	Per-centage	Maternal deaths	No. of babies	S.B.	N.N.D.	P.N.D.
Para 0	15	41.67	-	30**	2	3**	5
Para 1	6	16.66	-	12	-	-	-
Para 2 & over	15	41.67	-	30	-	-	-
Total	36	100.00	-	72**	2	3**	5

* Including one set of triplets.

** Including one set of conjoined twins.

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		2	1	50.00	2	2	100.00
1,501 - 2,000		5	-	-	8	-	-
2,001 - 2,500		15	-	-	12	-	-
2,501 - 3,000		12	-	-	11	-	-
3,001 - 3,500		1	-	-	2	-	-
3,501 - 4,000		-	-	-	-	-	-
4,001 & over		-	-	-	-	-	-
Total		35⁺	1	2.86	35⁺	2	5.71

⁺excluding one set of conjoined twins which had N/D

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		13	1	7.69	6	-	-
Vacuum extraction		-	-	-	2	-	-
Low forceps		16	-	-	8	-	-
Assisted breech with low forceps- for A.C.H.			-	-	7	-	-
Assisted breech with P.J.T. for A.C.H.		1	-	-	7	1	14.29
C.S.		6*	1*	16.67	6*	3*	33.33
Total		36*	2*	5.56	36*	3*	8.33

*Including one set of conjoined twins

PRESENTATION:-

Vertex - Breech	17
Vertex - Vertex	16
Breech - Breech	2
Vertex - Face	1

MULTIPLE PREGNANCY (Continued)

PRESENTATION AND FOETAL LOSS:

Presentation	Foetal loss	First Twin			Second Twin		
		No. of babies	Foetal loss	%	No. of babies	Foetal loss	%
Vertex		34	1	2.94	16	1	6.25
Breech		2	1	50.00	19	2	10.53
Face		-	-	-	1	-	-
Total		36	2	5.56	36	3	8.33

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

	No. of cases
Breech presentation	2
Previous caesarean section	2
Hydrocephalus	1
Failed induction	1
Foetal distress	1
Conjoined twin	1

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

	No. of cases
Toxaemia	18
Anaemia	11
Hydramnios	4
Postpartum haemorrhage	1
Pulmonary tuberculosis	1
Cardiac disease	1
A.P.H. of unknown origin	1
Adherent placenta	1

Table 33

PURPERAL PYREXIA

Total No. of cases	451
Incidence	7.20 %

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

Genital in origin	24
Urinary in origin	59
Combined genital and urinary origin	7
Others	281
Unknown origin	113

PURPERAL PYREXIA (GENITAL)

Total No. of cases	31
Booked	28
Non-booked	3
Primiparae	24
Multiparae	7
Incidence:- Overall	0.49 %
Among puerperal pyrexia	6.87 %
Multiple pregnancies	-
Maternal deaths	-

METHOD OF DELIVERY :-

Spontaneous	6
Vacuum extraction	7
Low forceps	1
L.S.C.S.	17

Total No. of babies	31
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CASE OF SPECIAL INTEREST

TRIPLET PREGNANCY

Non-booked case. Serial No:3429/79 Age:33 G:2 P:1

The patient was referred as an emergency at a maturity of 25 weeks, because of triplet pregnancy diagnosed on ultrasonic examination. She was kept in hospital for rest and the antenatal course was uneventful until 34 weeks, when her blood pressure was elevated at 140/90 mm of mercury. Spontaneous rupture of membranes and labour occurred at 35 weeks and two days. The first stage of labour lasted 4 hours and 15 minutes. The first baby was born by low forceps after a second stage of 25 minutes. The second baby was born by low forceps 5 minutes later. The indications for the low forceps being prematurity. The third baby was in a transverse lie, following spontaneous rupture of membranes, the baby was born by internal podalic version, and breech extraction with low forceps to the aftercoming head.

The total duration of the second stage was 35 minutes. The third stage lasted 5 minutes. The placenta weighed 1248 grams.

The puerperium was uneventful and the mother was discharged well on day 7.

Infant outcome

The first infant, a female weighed 1900 grams was discharged well from hospital 30 days later, weighing 2240 grams. She had required phototherapy for jaundice and also treatment of late metabolic acidosis.

The second infant, a female weighed 1810 grams, was discharged from hospital well 35 days later, weighing 2330 grams. She had required treatment in the head box for respiratory distress, as well as phototherapy for jaundice. She also developed late metabolic acidosis.

The third baby, a female weighed 1600 grams was discharged well from hospital 40 days later, weighing 2250 grams. The baby received treatment for birth asphyxia, mild respiratory distress and late metabolic acidosis. Neonatal jaundice was treated by phototherapy.

SUMMARY OF FOETAL LOSS (Continued)

Incidence of foetal loss in relation to Birth weight:-

Birth weight (grams)	Foetal loss		S.B.		N.N.D.		P.N.D.	
	No. of babies	No. of cases	No. of cases	%	No. of cases	%	No. of cases	%
Under 1,000	12	1	8.33	3	25.00	4	33.33	
1,001 - 1,500	25	8	32.00	14	56.00	21	84.00	
1,501 - 2,000	72	7	9.72	3	4.17	10	13.89	
2,001 - 2,500	326	-	-	9	2.76	9	2.76	
2,501 - 3,000	1987	7	0.35	10	0.50	12	0.60	
3,001 - 3,500	2821	6	0.21	3	0.11	8	0.28	
3,501 - 4,000	967	-	-	1	0.10	1	0.10	
4,001 - 4,500	82	-	-	-	-	-	-	
Total	6292*	29	0.46	43	0.68	65	1.03	

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

Method of delivery	Foetal loss		S.B.		N.N.D.		P.N.D.	
	No. of babies	No. of cases	No. of cases	%	No. of cases	%	No. of cases	%
Spontaneous	4385	16	0.36	22	0.50	32	0.73	
Vacuum extraction	706	2	0.28	1	0.14	3	0.42	
Low forceps	287	4	1.39	3	1.05	7	2.44	
Assisted breech delivery with B.M.T. for A.C.H.	41	1	2.44	4	9.76	5	12.20	
Assisted breech delivery with forceps for A.C.H.	69	3	4.35	1	1.45	3	4.35	
Breech extraction	3	1	33.00	-	-	1	33.00	
Jaw shoulder extraction	2	-	0.00	-	-	-	-	
Caesarean section	737	2	0.27	8	1.09	10	1.36	
E. (L.S.G.S.)	62	-	0.00	4	6.45	4	6.45	
Total	6292*	29	0.46	43	0.68	65	1.03	

* Excluding 13 DBA who were not admitted into hospital.

Live-born Infants with Birth Weight
Under 2500 grams

Total No. of cases	435
Incidence (per 1,000 L.B.)	69.46
Booked	398
Non-booked	37
Primiparae	255
Multiparae	180
Multiple pregnancies	
(one twin) ...	8
(both twins) ...	18
(all triplets) ...	1
N.N.D.	29
N.N.D. Rate (per 1,000 L.B.)	66.70

Causes of Death:

Respiratory distress syndrome	11
Congenital malformation (Multiple)	6
Prematurity	5
Septicaemia	2
Hydrops foetalis	1
Pulmonary infection	1
* Asphyxia	2
Pneumothorax	1

* Asphyxia cause by A.P.H. in one case and by cord accident in the other.

Maturity (Weeks):	No. of cases	N.N.D. No. of cases	Loss per 1,000
Under 32 weeks	28	15	535.71
32 - 33 weeks	28	2	71.43
34 - 35 weeks	69	2	28.99
36 - 37 weeks	101	4	39.60
38 - 39 weeks	118	5	42.37
40 - 41 weeks	73	1	13.70
42 weeks & over ...	11	-	-
Unknown	7	-	-

Birth Weight (Grams):

Under 1,000	12	3	250.00
1,001 - 1,500	25	14	560.00
1,501 - 2,000	72	3	41.67
2,001 - 2,500	326	9	27.61

Table 36

CONGENITAL MALFORMATIONS

Total No. of cases	217
Booked	212
Non-booked	5
Incidence	34.49
	(per 1,000 L.B. & S.B.)
Foetal mortality:	
S.B.	0 (- %)
N.N.D.	17 (4.61%)
P.N.D.	7 (3.23%)
Among live births	3.46%
Among stillbirths	0.00%
Premature live born infants \bar{e} NND due to congenital malformation	5
Among premature live births	1.15%
Among neonatal deaths	23.26%

TYPE OF MALFORMATIONS:	No. of cases
Anomalies of skin, eyes, ears and face	63
Anomalies of genito-urinary tract	51
Axial and Appendicular Skeleton Malformation	29
Anomalies of cardio-vascular system	23
Anomalies of lip and palate	14
Anomalies of central nervous system	9
Systematic skeletal Malformation	6
Malformations of muscle and ligaments, including hernia	6
Anomalies of respiratory system	5
Anomalies of gastro-intestinal tract	4
Multiple anomalies	4
Congenital tumours	2
Hamartoses and Adenomatoses and others	2

Table 37
BIRTH TRAUMA

Total No. of cases	139	
Incidence	22.09	per 1,000 L.B. & S.B.
Foetal result:- S.B.	-	(- %)
N.N.D.	7	(5.04 %)
P.N.D.	5	(3.60 %)

Birth trauma was not the main cause of death,

METHOD OF DELIVERY:-

	No. of babies	Percentage
Spontaneous	49	35.25
Vacuum extraction	64	46.04
Low forceps	12	8.63
Assisted breech with B.M.T. for A.C.H.	5	3.60
Assisted breech with forceps for A.C.H.	1	0.72
Caesarean section	8	5.76
Total	139	100.00

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

	No. of cases
Cephalhaematoma	116
Cerebral symptoms	2
Abrasion	8
Fracture of other bones	4
Other types of birth injury	11

Table 38
NEONATAL INFECTIONS

Total No. of cases	624	
Incidence (per 1,000 L.B.)	90.63	
N.N.D.	40	
Neonatal mortality rate	6.41	%

Table 39
NEONATAL JAUNDICE

Total No. of cases	585
Incidence (per 1,000 L.B.)	9.34%
No. of cases with known cause	162

Cause	No. of cases	Exchange transfusion	N.N.D.
A.B.O. incompatibility	19	5	-
Glucose-6-phosphate dehydrogenase deficiency	78	3	-
Cephalhaematoma	10	-	-
Prematurity	8	-	-
Sepsis	14	1	-
Rh incompatibility	3	1	-
Others	30	2	-
Unknown	423	8	3
Total	585	20	3

Table 40
X-Ray Department Statistics
January - December 1980

Month	Chest	Bones	Abdomen	Pelvimetry	Direct Placentography	Barium Swallow
January	53	8	29	54	-	-
February	59	9	17	44	1	-
March	74	21	12	47	-	-
April	73	10	18	48	1	-
May	98	13	25	35	3	-
June	85	14	28	40	3	-
July	61	13	19	37	-	-
August	57	16	19	36	3	-
September	77	11	19	50	1	-
October	77	13	25	48	-	1
November	36	12	6	31	1	-
December	34	3	18	27	-	-
Total	784	143	235	497	13	1

