

CLINICAL REPORT
OF THE
TSAN YUK HOSPITAL
FOR THE YEAR
1963



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

Printed by
FREE PRESS COMPANY
Hong Kong

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TABLE OF COMPARATIVE STATISTICS, 1953-1963

	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Adult patients admitted	7,221	7,164	6,984	8,391	10,865	8,918	8,196	7,251	7,774	7,340	7,624
Patients delivered in hospital	6,775	6,561	6,173	7,524	9,836	7,760	7,431	6,266	6,537	5,844	6,455
Primiparae	1,671	1,619	1,480	1,878	2,666	2,400	2,886	2,525	2,583	2,412	2,685
Multiparae	5,104	4,945	4,693	5,646	7,170	5,360	4,545	3,741	3,954	3,432	3,770
Patients admitted after delivery	42	42	24	28	55	22	13	32	22	25	60
Primiparae	2	1	1	3	4	1	—	2	1	4	8
Multiparae	40	41	23	25	52	21	13	30	21	21	52
Total patients delivered	6,817	6,606	6,197	7,552	9,892	7,782	7,444	6,298	6,559	5,869	6,515
Abortions	3	9	6	32	17	35	30	17	22	25	20
Patients transferred	8	20	14	40	40	11	20	14	4	43	36
Patients discharged undelivered	400	546	781	259	945	922	799	119	142	80	59
Pre-eclampsia	264	296	247	413	714	533	583	358	501	127	101
Eclampsia	15	24	18	19	15	6	17	13	14	3	7
Accidental antepartum haemorrhage	33	26	27	38	80	72	74	60	55	56	69
Placenta praevia	29	26	38	48	57	50	28	48	50	53	73
Postpartum haemorrhage	134	96	26	74	72	54	70	50	37	55	48
Contracted pelvis	46	89	101	264	454	279	454	568	651	694	585
Forceps delivery	133	114	107	199	294	436	699	743	565	413	327
Forceps delivery rate per cent	1.95	1.73	1.73	2.64	2.94	5.61	9.4	11.79	10.00	7.07	5.04
Caesarean Section	70	108	157	174	227	221	384	532	597	527	513
Caesarean Section rate per cent	1.03	1.63	2.53	2.30	2.70	2.84	5.16	8.45	9.09	9.02	7.87
Maternal deaths	4	7	1	4	11	7	5	2	8	—	2
Maternal death rate (per 1,000)	0.58	1.06	0.16	0.52	1.11	0.89	0.65	0.32	1.22	—	0.31
Infants born in hospital	6,840	6,685	6,233	7,607	9,919	7,868	7,635	6,333	6,631	5,874	6,526
Infants born before admission (B.B.A.)	43	42	24	28	61	22	13	32	22	25	63
Total infants born	6,883	6,677	6,257	7,635	9,980	7,890	7,548	6,365	6,653	5,899	6,589
Infants transferred	7	11	12	16	11	—	5	2	1	6	15
Stillbirths (including macerated foetus)	96	86	81	119	115	119	82	61	76	63	95
Stillbirth rate (per 1,000 live and stillbirths)	13.94	12.88	12.95	15.6	11.52	15.08	10.86	9.58	11.46	10.68	14.42
Neo-natal deaths	72	116	109	153	219	105	100	78	88	63	71
Neo-natal death rate (per 1,000 live births)	10.61	17.60	17.82	20.3	21.94	13.53	13.39	12.37	13.43	10.79	10.93
Perinatal deaths	...	...	...	...	...	...	...	...	...	...	...
Perinatal death rate (per 1,000 live & stillbirths)	...	...	...	...	...	...	...	...	...	...	...

STATISTICAL SUMMARY

Adult patients admitted	7,624
Patients delivered in hospital	6,455
Primiparae	2,685
Multiparae	3,770
Patients admitted after delivery	60
Primiparae	8
Multiparae	52
Total parturient patients	6,515
Booked	6,034
Non-booked	481
Abortions	20
Patients discharged undelivered	59
Maternal deaths	2
Maternal death rate (per 1,000)	0.31
Total No. of infants born	6,589
Infants born in hospital	6,526
Booked	6,058
Primiparae—Single pregnancies	2,582)
Twins (18 cases)	35+)
Multiparae—Single pregnancies	3,366)
Twins (36 cases)	72)
Triplets (1 case)	3)
Non-booked	468
Primiparae—Single pregnancies	82)
Twins (3 cases)	6)
Multiparae—Single pregnancies	349)
Twins (17 cases)	28*+)
Triplets (1 case)	3)
Infants born before admission	63 Δ
Booked	30
Primiparae	2
Multiparae	28
Non-booked	33
Primiparae	8
Multiparae	25
Stillbirths Booked	56
Non-booked	39
Total:	95
Stillbirth rate (per 1,000 live and stillbirths)	
Booked	9.20
Non-booked	77.84
Total:	14.42
Total No. of live born infants	6,494

* Excluding 1st twins and one pair of twins which were B.B.A.

+ Excluding 1 foetus papyraceus.

Δ Including 3 pairs of twins.

TABLE 1

**ASSOCIATED DISEASES AND CONDITIONS NOT
DETAILED ELSEWHERE**

DISEASES OF BLOOD:—

Iron deficiency anaemia	924
Thalassaemia minor	19
Megaloblastic anaemia	1
Haemoglobin H disease	1
Chronic myeloid leukaemia	1

DISEASES OF RESPIRATORY SYSTEM:—

Pulmonary tuberculosis, inactive	510
Pulmonary tuberculosis, active	152
Bronchial asthma	26
Bronchiectasis	16
Bronchitis	4
Pleural effusion	2
Lobar pneumonia	1
Lung abscess, post-pneumonectomy	1
Bronchogenic carcinoma, post-pneumonectomy	1

DISEASES OF NERVOUS SYSTEM:—

Idiopathic epilepsy	7
Carpo-tunnel syndrome	1
Diaphragmatic paralysis	1
Von Recklinghausen's disease	1
Previous poliomyelitis	1

DISEASES OF GASTRO-INTESTINAL SYSTEM:—

Cholangio-hepatitis	9
Gastroenteritis	9
Hepatomegaly	3
Ulcer syndrome	2
Hepatosplenomegaly	1
Tuberculous peritonitis	1
Appendicitis	1

DISEASES OF GENITO-URINARY SYSTEM:—

Cervical polyp	26
Cystitis	12
Incompetent cervical os	7
Vaginal septum	6
Bicornuate uterus	5
Uterus didelphys	4
Uterus bicornis unicollis	1
Arcuate uterus	1
Pyelitis	4
Condylomata accuminata	3
Uterine fibroid, post-myomectomy	2
Previous molar pregnancy	2
Previous molar pregnancy, post-hysterotomy	1
Genital prolapse	2
Genital prolapse, post-Manchester operation	1
Previous ectopic pregnancy	1
Vaginal stricture	1
Paraurethral cyst	1

ASSOCIATED DISEASES AND CONDITIONS NOT DETAILED ELSEWHERE (Continued)

DISEASES OF SKELETAL SYSTEM:—

Scoliosis of spine	8
Cervical ribs	7
Tuberculosis of spine, active	3
Tuberculosis of spine, inactive	3
Tuberculosis of hip, inactive	4
Congenital dislocation of hip	2
Rheumatoid arthritis	2
Deformed pelvis	2
Old osteomyelitis of hip	1
Acute osteomyelitis of tibia	1
Osteogenic sarcoma of left femur	1
Tuberculosis of sacro-iliac joint	1

PSYCHOLOGICAL CONDITIONS:—

Schizophrenia	4
Psychosis	3
Anxiety state	1
Mental immaturity	1
Other mental conditions	4

DISEASES OF ENDOCRINE SYSTEM:—

Thyrototoxicosis	18
Previous thyrototoxicosis, euthyroid state	6
Non-toxic goitre	12
Thyroadenoma	3
Diabetes mellitus	6
Prediabetic state	7

INFECTIOUS DISEASES:—

Syphilis, latent	60
Congenital syphilis, maternal	1
Bacillary dysentery	4
Amoebic dysentery	1
Virus hepatitis	4
Leprosy	2
Ankylostomiasis	15
Ascariasis	14
Clonorchiasis	11
Trichuriasis	7
Moniliasis	67
Trichomoniasis	63
Pediculosis capitis	2
Scabies	1
Malaria	1
Giardiasis	1

DISEASES OF SKIN:—

Eczema	2
Neurodermatitis	2
Dermatitis	2
Psoriasis	1
Herpes gestatum	1
Erythematosis gestatum	1
Skin sepsis	13

**ASSOCIATED DISEASES AND CONDITIONS NOT
DETAILED ELSEWHERE (Continued)**

DISEASES OF EAR, NOSE AND THROAT:—

Chronic sinusitis	1
Acute tonsillitis	1
Nasopharyngeal carcinoma (treated)	2

DISEASES OF EYE:—

Conjunctivitis	3
Stye	3
Cataract	1

MISCELLANEOUS:—

Chronic breast abscess	1
Galactocoele	1
Carcinoma of breast	1

CARDIAC DISEASES (Continued)

Functional Class	ACQUIRED LESIONS										CONGENITAL LESIONS												
	Mitral lesion with irregular rhythm		Mitral lesion with atrricular fibrillation		Aortic lesion		Aortic + Mitral lesion		Mitral lesion + Subacute bacterial endocarditis		Cardio myopathy		Active Carditis		Atrial septal defect		Ventricular septal defect		P.tent ductus arteriosus		Deatrocardia		
	Adm.	Del.	Adm.	Del.	Adm.	Del.	Adm.	Del.	Adm.	Del.	Adm.	Del.	Adm.	Del.	Adm.	Del.	Adm.	Del.	Adm.	Del.	Adm.	Del.	
Class I	31	I (30) II (1)*	—	—	2	(2)	—	—	—	—	1	(1)	—	—	4	(4)	—	3	(3)	2	(2)	1	(1)
Class II	15	II (13) I (2)*	—	—	—	—	1	(1)	—	—	—	—	1	(1)	—	—	—	—	—	1	(1)	—	—
Class III	7	III (6) I (1)*	—	—	—	—	1	(1)	1	(Died)*	—	—	—	—	—	—	—	—	—	—	—	—	—
Class IV	3	IV (2) II (1)*	1	(1)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL	56		1		2		2		1	(Died)*	1		1		4		3		3		3		1

() Functional Grading at time of delivery.
 () * Functional Grading at time of delivery which is different from grading at time of admission.

SUMMARY Total: 75 cases

Mitral lesions: 58 cases (52 remained same at time of delivery.
 (4 improved.
 (2 deteriorated and one died from subacute bacterial endocarditis.

Rest showed no change in functional grading.

TABLE 4

TOXAEMIA OF PREGNANCY

	<i>No. of cases</i>
Pre-eclampsia	101 (16.45%)
Eclampsia	7 (1.14%)
Unclassified toxæmia 'A'	376 (61.24%)
Unclassified toxæmia 'B'	120 (19.54%)
Recurrent toxæmia	—
Essential hypertension	9 (1.47%)
Chronic nephritis	1 (0.17%)
Total	614
Incidence	9.51%
Total No. of babies	636+ ^o
Multiple pregnancies	24*
Maternal death	—
S. B.	19 (2.99%) ^o
N. N. D.	6 (0.97%)
P. N. D.	25 (3.93%)

+ Including one set of triplets, 23 pairs of twins but excluding 2 B.B.A.

^o Excluding one foetus papyraceus.

* Including one set of triplets, 23 pairs of twins.

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

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

Group 'B' — when the B.P. on discharge is more than 130/90 mm. Hg.

TABLE 5

PRE-ECLAMPSIA

Total No. of cases	101
Booked	101
Non-booked	—
Primiparae	74
Multiparae	27
Mild	96
Severe	5
 Incidence:—Overall	1.56%
Of toxæmia	16.45%
 Total No. of babies	106
Multiple pregnancies	5
Maternal death	—
 S. B.	1 (0.94%)
N. N. D.	2 (1.90%)
P. N. D.	3 (2.83%)

CLASSIFICATION:—

Mild — B.P. 140/90—160/100 mm. Hg.

Severe — B.P. more than 160/100 mm. Hg.

PRE-ECLAMPSIA (Continued)

BIRTH WEIGHT & FOETAL LOSS:—

<i>Birth Weight (grams)</i>	<i>No. of babies</i>	<i>S. B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
(A) Spontaneous labour				
Under 1,500	—	—	—	—
1,501 — 2,000	1	—	1	1
2,001 — 2,500	12	1	—	1
2,501 — 3,000	32	—	—	—
3,001 — 3,500	41	—	1	1
3,501 — 4,000	9	—	—	—
4,001 & over	1	—	—	—
(B) Induced labour				
Under 1,500	—	—	—	—
1,501 — 2,000	—	—	—	—
2,001 — 2,500	1	—	—	—
2,501 — 3,000	5	—	—	—
3,001 — 3,500	4	—	—	—
3,501 — 4,000	—	—	—	—
4,001 & over	—	—	—	—

INDICATIONS FOR C.S. :—

	<i>No. of cases</i>
Contracted pelvis	1
Contracted pelvis and previous Caesarean Section	2
C-P disproportion	2
Uterine inertia	4*
Uterine inertia and foetal distress	3
Foetal distress	1
Pre-eclampsia	1
Accidental haemorrhage	1

15*

*Including one set of twins.

PRE-ECLAMPSIA (Continued)

	Management	B O O K E D									
		Total					Severity				
		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											
(1) Spont. delivery											
Vertex	...	23	1	1	2	...	...	...	...	...	...
Breech	...	4	...	...	...	...	...	...	...	...	...
(2) Forceps	...	8	...	...	...	...	...	...	...	...	...
(3) Vacuum extraction	...	19	...	...	...	...	...	...	...	...	...
(4) C. S.	...	10	...	1	1	...	...	...	...	...	...
(B) Induced labour											
(1) Spont. delivery											
Vertex	...	2	...	...	...	...	...	...	...	...	...
Breech	...	2	...	...	...	...	...	...	...	...	...
(2) Forceps	...	4	...	...	...	...	...	...	...	...	...
(3) Vacuum extraction	...	78	1	2	3	...	...	...	...	...	...
(4) C. S.
TOTAL											
MULTIPARAE											
(A) Spontaneous labour											
(1) Spont. delivery											
Vertex	...	20	...	...	...	...	...	...	...	...	...
Breech	...	1	...	...	...	...	...	...	...	...	...
(2) Forceps	...	3	...	...	...	...	...	...	...	...	...
(3) Vacuum extraction	...	2	...	...	...	...	...	...	...	...	...
(4) C. S.	...	2	...	...	...	...	...	...	...	...	...
(B) Induced labour											
(1) Spont. delivery											
Vertex	...	1	...	...	...	...	...	...	...	...	...
Breech	...	1	...	...	...	...	...	...	...	...	...
(2) Forceps	...	23	...	...	...	...	...	...	...	...	...
(3) Vacuum extraction	...	106	1	2	3	...	...	...	...	...	...
(4) C. S.
TOTAL											
GRAND TOTAL											
		101	1	2	3	5	...	...	...	...	...

TABLE 6

ECLAMPSIA

Serial No	Age	Previous Preg-nancies	After 28 wks.	Maturity (weeks)	Condition on Admission	If in labour	Before admission	F I T S				Proteinuria	Blood pressure		No of days in hospital	If labour induced state method	Method of Delivery	Treatment	Result		Weight of child (grams)	Remarks	
								Ante-partum	Intra-partum	Post-Partum	Total		Maximum	On Disch.					Out in 24 Hrs.	(gm)			Oedema	Before 20 wks.	Highest (mm Hg)	M.	C.
BOOKED																							
483	21	—	—	38	Good	Yes	—	—	1	++	—	0.25	Slight	?	145/110	14	—	Spont.	Morphia, Paraldehyde	L	L	3487	
6115	20	—	—	38.4	Good	Yes	—	1	++	—	1	+	+	?	150/100	8	—	Low forceps	Pentothal infusion	L	L	2948	
5966	20	—	—	39.3	Good	No	—	1	+	—	3	—	—	?	170/120	15	—	Assisted breech	Pentothal infusion	L	L	3175	
4529	34	2	3	37	Fair	No	2	3	+	+	—	1	—	?	190/110	14	—	Spont.	Pentothal infusion	L	L	2325	
NON-BOOKED																							
1328	23	—	—	38	Fair	Yes	—	1	++	—	5	+	+	?	190/130	21	—	Mid forceps	Pentothal infusion	L	L	2381	Contracted pelvis
5696	29	—	1	38.4	Good	No	—	1	++	—	5.5	+++	+	?	160/100	23	Stripping & A.R.M.	Assisted breech	Pentothal infusion	L	L	2635	
5024	35	2	7	41.4	Good	Yes	—	1	2	++	—	9	+	?	170/95	14	—	Spont.	Pentothal infusion	L	L	3778	

Total No. of cases
 Booked 7
 Non-booked 4
 Primiparae... .. 3
 Multiparae 4
 Incidence:—Overall 0.11 %
 Of toxæmia 1.14 %
 Total No. of babies 7
 Multiple pregnancies —
 S. B. —
 N. N. D. —
 P. N. D. —

TABLE 7

UNCLASSIFIED TOXAEMIA 'A'

Total No. of cases	...	...	...	...	...	...	...	...	...	...	376
Booked	...	...	...	...	...	...	...	...	...	...	322
Non-booked	...	...	...	...	...	...	...	...	...	...	54
Primiparae	...	...	...	...	...	...	...	...	...	...	180
Multiparae	...	...	...	...	...	...	...	...	...	...	196
Incidence.—Overall	...	...	...	...	...	...	...	...	...	...	5.82%
of toxaemia	...	...	...	...	...	...	...	...	...	...	61.24%
Total No. of babies	...	...	...	...	...	...	...	...	...	...	392
Multiple pregnancies	...	...	...	...	...	...	...	...	...	...	15*
Maternal death	...	...	...	...	...	...	...	...	...	...	—
S. B....	...	...	...	...	...	...	...	...	...	...	12(3.06%)
N. N. D....	...	...	...	...	...	...	...	...	...	...	1(0.26%)
P. N. D....	...	...	...	...	...	...	...	...	...	...	13(3.32%)

MANAGEMENT & FOETAL LOSS :-

Management	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	149+				12			
(1) Spont. delivery								
Vertex...	86	3	1	4	4	—	—	—
Breech...	4	—	—	—	2	—	—	—
(2) Forceps ...	14	—	—	—	1	—	—	—
(3) C. S. ...	12	—	—	—	3	—	—	—
(4) Vacuum extraction	33	—	—	—	2	—	—	—
(B) Induced labour	18				3			
(1) Spont. delivery								
Vertex...	9	—	—	—	2	—	—	—
Breech...	1	1	—	1	—	—	—	—
(2) Forceps ...	2	—	—	—	—	—	—	—
(3) C. S. ...	4	—	—	—	1	—	—	—
(4) Vacuum extraction	2	—	—	—	—	—	—	—
TOTAL	167	4	1	5	15	—	—	—
MULTIPARAE								
(A) Spontaneous labour	137°				46v			
(1) Spont. delivery								
Vertex...	107	2	—	2	38	5	—	5
Breech...	6	—	—	—	—	—	—	—
(2) Forceps ...	2	—	—	—	1	—	—	—
(3) C. S. ...	11	—	—	—	5	—	—	—
(4) Vacuum extraction	11	—	—	—	2	1	—	1
(B) Induced labour	26				1			
(1) Spont. delivery								
Vertex...	20	—	—	—	1	—	—	—
Breech...	1	—	—	—	—	—	—	—
(2) Forceps ...	1	—	—	—	—	—	—	—
(3) C. S. ...	2	—	—	—	—	—	—	—
(4) Vacuum extraction	2	—	—	—	—	—	—	—
TOTAL	163	2	—	2	47	6	—	6
GRAND TOTAL	330	6	1	7	62	6	—	6

* One set of triplets, 14 pairs of twins
 + Two pairs of twins
 ° Six pairs of twins
 v Six pairs of twins

UNCLASSIFIED TOXAEMIA 'A' (Continued)

BIRTH WEIGHT & FOETAL LOSS:—

<i>Birth Weight (Grams.)</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
(A) Spontaneous labour				
Under 1,500	1	1	—	1
1,501—2,000	10	4	1	5
2,001—2,500	44	1	—	1
2,501—3,000	110	1	—	1
3,001—3,500	134	3	—	3
3,501—4,000	40	1	—	1
4,001 & over	5	—	—	—
(B) Induced labour				
Under 1,500	—	—	—	—
1,501—2,000 . . .	—	—	—	—
2,001—2,500	4	1	—	1
2,501—3,000	13	—	—	—
3,001—3,500	18	—	—	—
3,501—4,000	9	—	—	—
4,001 & over	4	—	—	—
TOTAL	392	12	1	13

INDICATIONS FOR C.S.:—

	<i>No. of cases</i>
Contracted pelvis	12*
Contracted pelvis + previous C.S.	3
Contracted pelvis + breech	2
Previous Caesarean section	1
C-P disproportion	2
Elderly primigravida + breech	1
Face presentation	2
Foetal distress	6
Toxaemia	1
Failed induction of labour + toxaemia	4
Diabetes mellitus	1
Ovarian cyst obstructing labour	1
Accidental haemorrhage	1
Total:	37*

*One set of twins.

UNCLASSIFIED TOXAEMIA 'B'

Total No. of cases	120
Booked	81
Non-booked	39
Primiparae	37
Multiparae	83
Incidence:— Overall	1.86%
Of toxaemia	19.54%
Total No. of babies	122*
Multiple pregnancies	4
Maternal death	—
S.B.	6 (4.92%)
N.N.D.	3 (2.45%)
P.N.D.	9 (7.38%)

MANAGEMENT & FOETAL LOSS:—

Management	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	29				5			
(1) Spont. delivery								
Vertex	17	—	—	—	3	—	1	1
Breech	1	—	—	—	—	—	—	—
(2) Forceps	4	—	—	—	1	—	—	—
(3) C. S.	—	—	—	—	—	—	—	—
(4) Vacuum extraction	7	—	—	—	1	1	—	1
(B) Induced labour	3				—			
(1) Spont. delivery								
Vertex	2	—	—	—	—	—	—	—
Breech	—	—	—	—	—	—	—	—
(2) Forceps	—	—	—	—	—	—	—	—
(3) C. S.	1	—	—	—	—	—	—	—
(4) Vacuum extraction	—	—	—	—	—	—	—	—
TOTAL	32	—	—	—	5	1	1	2
MULTIPARAE								
(A) Spontaneous labour	36 ^o				26+			
(1) Spont. delivery								
Vertex	28	—	—	—	11	1	—	1
Breech	2	1	—	1	1	—	—	—
(2) Forceps	2	—	—	—	4	—	1	1
(3) C. S.	—	—	—	—	3	—	—	—
(4) Vacuum extraction	4	—	—	—	7	1	—	1
(B) Induced labour	13				10			
(1) Spont. delivery								
Vertex	9	—	—	—	5	—	—	—
Breech	—	—	—	—	1	—	—	—
(2) Forceps	3	—	1	1	2	1	—	1
(3) C. S.	1	—	—	—	1	1	—	1
(4) Vacuum extraction.	—	—	—	—	1	—	—	—
TOTAL	49	1	1	2	36	4	1	5
GRAND TOTAL	81	1	1	2	41	5	2	7

* Four pairs of twins but excluding 2 B.B.A.

^o One pair of twins.

+ Three pairs of twins.

UNCLASSIFIED TOXAEMIA 'B' (Continued)

BIRTH WEIGHT & FOETAL LOSS:—

<i>Birth Weight (Grams)</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
(A) Spontaneous labour				
Under 1,500	—	—	—	—
1,501—2,000	3	1	1	2
2,001—2,500	16	1	—	1
2,501—3,000	34	—	—	—
3,001—3,500	27	1	—	1
3,501—4,000	11	—	1	1
4,001 & over	5	1	—	1
(B) Induced labour				
Under 1,500	—	—	—	—
1,501—2,000	1	1	—	1
2,001—2,500	6	—	1	1
2,501—3,000	14	1	—	1
3,001—3,500	4	—	—	—
3,501—4,000	1	—	—	—
4,001 & over	—	—	—	—
TOTAL	122*	6	3	9

INDICATIONS FOR C.S.:—

	<i>No. of cases</i>
Contracted pelvis + prolapse of cord... ..	1
C-P disproportion	1
Accidental haemorrhage	2
Failed induction + Toxaemia	2
TOTAL	6

*Excluding 2 B.B.A. whose birth weights are unknown.

TABLE 8

ESSENTIAL HYPERTENSION

Total No. of cases	9
Booked	9
Non-booked... ..	—
Primiparae	1
Multiparae	8
Incidence :—Overall	0.14 %
Of toxæmia	1.47 %
Total No. of babies... ..	9
Multiple pregnancies	—
Maternal death	—
S. B.	—
N. N. D.	—
P. N. D.	—

TABLE 10

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

Total No. of cases	237
Booked	212
Non-booked	25
Primiparae	137
Multiparae	100
Incidence	3.67%
Total No. of babies	237
Multiple pregnancies	6
Maternal death	—
S.B.	5
N.N.D.	2
P.N.D.	7

SUMMARY OF LABOUR:—

Labour more than 24 hours	10
---------------------------	----

METHOD OF DELIVERY:—

Spontaneous delivery (face to pubes)	22
Vacuum extraction (face to pubes)	63
Forceps (face to pubes)	18
Manual rotation and forceps	11
Vacuum extraction (to O.A.)	27
Vacuum extraction (to O.A.) & forceps	3
C.S.	93
TOTAL	237

TYPE OF PELVIS:—

Gynaecoid	87
Anthropoid	7
Platypelloid	10
Android	2
Gynaecoid-anthropoid	16
Gynaecoid-platypelloid	6
X-ray not taken	109
TOTAL	237

TABLE 11

BREECH DELIVERIES

Total No. of cases	287
Booked... ..	231
Non-booked	56
Primiparae	118
Multiparae	169
Single pregnancies	260
Twin pregnancies	26
Triplet pregnancies	1
Total No. of babies... ..	293
Incidence	4.45%
Caesarean Section	62
Incidence	21.60%

BREECH DELIVERIES (Continued)
UNCOMPLICATED BREECH DELIVERIES

Total No. of cases	...	...	...	...	...	...	...	...	...	112
Booked	...	...	...	...	...	...	...	...	...	92
Non-booked	...	...	...	...	...	...	...	...	...	20
Primiparae	...	...	...	...	...	...	...	...	...	52
Multiparae	...	...	...	...	...	...	...	...	...	60
Maternal death	...	...	...	...	...	...	...	...	...	—
S. B.	...	...	...	...	...	...	...	...	...	—
N. N. D.	...	...	...	...	...	...	...	...	...	—
P. N. D.	...	...	...	...	...	...	...	...	...	—

TYPE OF BREECH PRESENTATIONS AND FOETAL LOSS:—

<i>Position of legs</i>	<i>Primiparae</i>				<i>Multiparae</i>			
	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Extended	28	—	—	—	17	—	—	—
Flexed	23	—	—	—	37	—	—	—
Footling	1	—	—	—	2	—	—	—
Not recorded	—	—	—	—	4	—	—	—
Total	52	—	—	—	60	—	—	—

METHOD OF DELIVERY AND FOETAL LOSS:—

<i>Method of delivery</i>	<i>Birth Weight</i>	<i>2,501-3,500 gms.</i>			<i>3,501 gms. & over</i>			
		<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>
Spontaneous	...	6	—	—	—	—	—	—
Assisted	...	43	—	—	—	3	—	—
Assisted with forceps for								
A.C.H.	...	55	—	—	—	2	—	—
C.S.	...	2	—	—	—	1	—	—
Total	...	106	—	—	—	6	—	—

INDICATIONS FOR C.S.:—

	<i>No. of cases</i>
Elderly primigravida	3
Incidence of C.S.	2.68%

BREECH DELIVERIES (Continued)

COMPLICATED BREECH DELIVERIES

Total No. of cases	175
Booked	139
Non-booked	36
Primiparae	66
Multiparae	109
Twin pregnancies	26
Triplet pregnancies	1
Total No. of babies	181
Maternal death	—
S.B.	16 (8.84%)
N.N.D.	10 (5.52%)
P.N.D.	26 (14.36%)

ASSOCIATED COMPLICATIONS*:—

	<i>Primiparae</i>	<i>Multiparae</i>
Contracted pelvis	25	21
Prematurity	10	51
Pre-eclampsia	3	2
Unclassified toxæmia	9	16
Essential hypertension	—	1
Eclampsia	1	1
Multiple pregnancy	5	22
Prolapse of cord	6	11
Placenta prævia	—	3
Accidental hæmorrhage	2	7
A.P.H. of unknown origin	—	5
Uterine inertia	4	1
Prolonged labour	2	—
Previous Caesarean Section	—	7
Mitral stenosis	—	2
Diabetes mellitus	—	1
Hydramnios	1	4
Hydrocephaly	—	1
Hydrops foetalis	—	1
Macerated foetus	—	3
Bicornuate uterus	—	1
Uterus didelphys	2	2
Septate uterus	—	1
Vaginal septum	2	—
Dermoid cyst of ovary	1	—

*Some cases have more than one complication.

BREECH DELIVERIES (Continued)

COMPLICATED BREECH DELIVERIES

INDICATIONS FOR C.S.—

	<i>No. of cases</i>
Contracted pelvis	35
Placenta praevia	3
Accidental haemorrhage	2
Pre-eclampsia	1
Unclassified toxæmia	4
Uterine inertia	4
Prolapse of cord	6
Prolonged labour	2
Elderly primigravida	1
Bicornuate uterus	1
Total	59
Incidence of C.S.	33.71%

BRECH DELIVERIES (Continued)
COMPLICATED BRECH DELIVERIES

METHOD OF DELIVERY, BIRTH WEIGHT AND FOETAL LOSS:—

Method of delivery	Birth Weight			2,500 gms. and under			2,501 gms — 3,500 gms.			3,501 gms. and over		
	No. of babies	S.B.	N.N.D.	No. of babies	S.B.	N.N.D.	No. of babies	S.B.	N.N.D.	No. of babies	S.B.	N.N.D.
Spont. ...	11	4	4	2	1	—	2	1	—	—	—	—
Assisted ...	40	3	4	7	2	—	35	2	—	4	—	—
Assisted with forceps for A.C.H. ...	7	1	1	2	—	—	9	—	—	2	—	—
Breech extraction ...	3	1	—	1	1	1	6	1	2	2	—	—
Caesarean Section ...	8	—	—	—	1	—	44	1	—	1	—	1
Craniotomy ...	—	—	—	—	1	—	1	1	—	1	—	—
Total ...	69	9	9	18	97	6	1	7	15	1	—	1

TABLE 12

FACE AND BROW PRESENTATION

Total No. of cases	10
Booked	7
Non-booked	3
Primiparae	2
Multiparae	8
Incidence	0.15%
Total No. of babies	10
Multiple pregnancies	—
Maternal death	—
S.B.	1(10%)
N.N.D.	—
P.N.D.	1(10%)

MANAGEMENT AND FOETAL LOSS.—

<i>Method of delivery</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spont. : Mento-anterior	3	1	—	1
Mento-posterior	—	—	—	—
Forceps (mento-anterior)	—	—	—	—
Manual rotation & forceps	—	—	—	—
C.S.	7	—	—	—

ASSOCIATED CONDITIONS & FOETAL LOSS:—

<i>Associated Conditions</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Contracted pelvis	1	—	—	—
Anencephaly	1	1	—	1
Hydramnios	1	—	—	—
Unclassified toxæmia	1	—	—	—

TABLE 13

TRANSVERSE AND OBLIQUE LIE
(in labour)

Total No. of cases	19
Booked	10
Non-booked	9
Primiparae	2
Multiparae	17
Incidence	0.29%
Total No. of babies	19
Maternal death	—
S.B.	2(11.76%)
N.N.D.	—
P.N.D.	2(11.76%)

MANAGEMENT AND FOETAL LOSS:—

<i>Method of delivery</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
C. C. S.	6	—	—	—
L. S. C. S.	8	2	—	2
External version	1	—	—	—
Internal version & breech extraction	3	—	—	—
Internal version & L.S.C.S.	1	—	—	—
TOTAL	19	2	—	2

ASSOCIATED CONDITIONS & FOETAL LOSS:—

<i>Associated Conditions</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Multiple pregnancy	4	1	—	1
Prematurity	10	—	—	—
Placenta praevia	4	—	—	—
Prolapse of cord	2	—	—	—
Contracted pelvis	6	—	—	—

TABLE 14

COMPOUND PRESENTATION

Total No. of cases	14
Booked	6
Non-booked	8
Primiparae	1
Multiparae	13
Incidence	0.21%
Total No. of babies	14
Multiple pregnancies	—
Maternal death	—
S. B.	1 (7.14%)
N. N. D.	2 (14.3%)
P. N. D.	3(21.44%)

MANAGEMENT & FOETAL LOSS:—

<i>Method of delivery</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Vacuum extraction	1	1	—	1
Spont. delivery	3	—	1	1
Breech extraction	2	—	—	—
Caesarean Section	8	—	1	1
TOTAL	14	1	2	3

ASSOCIATED CONDITIONS AND FOETAL LOSS:—

<i>Associated Conditions</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Ruptured uterus	1	1	—	1
Contracted pelvis	2	—	—	—
Placenta praevia	3	—	—	—
Prolapse of cord	2	—	—	—
A.P.H. of unknown origin	1	—	—	—
Hydramnios + breech	1	—	—	—
Anenecphaly	1	—	1	1
Hydramnios + gross congenital abnormality + C.P.	1	—	1	1

TABLE 15

PROLAPSE AND PRESENTATION OF CORD

Total No. of cases	42
Booked	29
Non-booked	13
Primiparae	11
Multiparae	31
Incidence	0.65%
Total No. of babies	42
Multiple pregnancies	6
Maternal death	—
S.B.	6 (14.29%)
N.N.D.	—
P.N.D.	6 (14.29%)

PRESENTATION AND FOETAL LOSS:—

<i>Presentation</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Vertex	21	3	—	3
Breech	17	3	—	3
Transverse lie... ..	2	—	—	—
Compound	2	—	—	—
Total	42	6	—	6

MANAGEMENT AND FOETAL LOSS:—

<i>Method of delivery</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous	4	3	—	3
Vacuum extraction	3	1	—	1
Forceps	6	—	—	—
Breech extraction	7	1	—	1
Assisted breech	3	—	—	—
L.S.C.S.	16	—	—	—
C.C.S.	3	1	—	1
Total	42	6	—	6

TABLE 17

PROLONGED LABOUR

(Labour lasting more than 24 hours in primiparae, and more than 18 hours in multiparae)

Total No. of cases	25
Booked	21
Non-booked	4
Primiparae	23
Multiparae	2
Incidence	0.39%
Total No. of babies	26
Multiple pregnancies	1
Maternal death	—
S.B.... ..	—
N.N.D.	—
P.N.D.	—

AGE GROUP & FOETAL LOSS:—

<i>Age group (years)</i>	<i>Primiparae</i>			<i>Multiparae</i>				
	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
20 & under	2	—	—	—	—	—	—	—
21 — 25	4	—	—	—	2	—	—	—
26 — 30	10	—	—	—	—	—	—	—
31 — 35	5	—	—	—	—	—	—	—
36 & over	2	—	—	—	1	—	—	—

PROLONGED LABOUR (Continued)

METHOD OF DELIVERY AND 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.
Spontaneous	1	—	—	—	—	—	—
Vacuum extraction	4	—	—	—	—	—	—
C.S.	18	—	—	—	3	—	—

CAUSE OF DELAY AND FOETAL LOSS:

Cause	No. of cases	Primiparae			Multiparae		
		S.B.	N.N.D.	P.N.D.	No. of cases	S.B.	N.N.D.
Uterine inertia	5	—	—	—	—	—	—
Uterine inertia & C.P. ...	4	—	—	—	1	—	—
Uterine inertia & P.O.P./P.O.T.	7	—	—	—	—	—	—
C.P., & P.O.P.	1	—	—	—	1	—	—
C.P., uterine inertia & P.O.P./P.O.T.	2	—	—	—	—	—	—
P.O.P.	2	—	—	—	—	—	—
C.P.	2	—	—	—	—	—	—
Total	23	—	—	—	2	—	—

PROLONGED

Serial No.	Age	Maturity (weeks)	Height (inches)	Previous Pregnancies		Position of Foetus		Other obstetric abnormalities	Cause of delay as diagnosed	Time of rupture of membranes i.e. hours before delivery
				Before 28 wks.	After 28 wks.	At onset of labour	At Delivery			
BOOKED										
801	21	37.4	61	—	—	L.O.A.	L.O.A.	—	C.P., Uterine inertia	30:30
925	18	36.4	59	—	—	L.O.T.	L.O.T.	—	P.O.T., Uterine inertia	8:00
954	28	43.1	N.S.	—	—	L.O.A.	L.O.A.	—	Uterine inertia	72:00
1341	25	41.3	60½	—	—	R.O.P.	P.O.P.	—	P.O.P., Uterine inertia	28:00
1461	29	37.1	63	—	—	L.O.A.	L.O.T.	—	P.O.T., Uterine inertia	30:00
1492	20	?	N.S.	—	—	R.S.A.	R.S.A.	—	Uterine inertia	23:00
1760	27	39.2	60¼	—	—	R.O.T.	R.O.A.	—	C.P., Uterine inertia	18:00
2443	22	40.6	57½	—	—	L.O.T.	L.O.T.	—	C.P., P.O.T., Uterine inertia	21:00
2657	31	40.1	59	—	—	L.O.P.	L.O.P.	—	P.O.P., Uterine inertia	31:00
3159	36	34.5	59¼	—	—	R.O.A.	R.O.T.	—	P.O.T., Uterine inertia	30:00
3525	33	41.2	60½	—	—	R.O.P.	R.O.P.	Unclassified toxaemia	P. O. P.	8:00
4179	27	37.3	59½	—	—	R.S.A.	R.S.A.	—	C.P., Uterine inertia	32:00
4296	28	40.5	60¼	1	—	L.O.A.	L.O.A.	—	C. P.	36:00
4467	30	40.4	60	—	—	R.O.P.	R.O.P.	—	C. P., P. O. P.	69:00
4541	29	39.3	57	—	—	R.O.P.	P.O.P.	—	P. O. P.	21:00
4883	34	39.1	60	—	—	L.O.T.	L.O.A.	—	Uterine inertia	30:00
5208	37	42	59	—	—	R.S.A.	L.S.A.	—	Uterine inertia	17:00
5521	22	40.5	59	—	—	L.O.P.	P.O.P.	Unclassified toxaemia	P.O.P., Uterine inertia	29:20
5543	27	40.2	56	—	—	L.O.A.	L.O.A.	—	C. P.	12:00
5845	34	40.4	60	—	—	L.O.A.	R.O.P.	—	C.P., P.O.P., Uterine inertia	37:00
6280	35	39.4	59¼	—	—	R.O.P.	R.O.A.	—	Uterine inertia	29:10
NON-BOOKED										
1320	28	40.3	?	—	—	R.O.P.	R.O.P.	—	P.O.P., Uterine inertia	20:00
2578	27	41.3	?	—	—	R.O.T.	R.O.A.	Unclassified toxaemia	C.P., Uterine inertia	30.00
4610	38	39.5	?	—	4	R.O.P.	R.O.P.	—	C. P., P. O. P.	36:00
5394	23	43	?	—	1	L.O.A.	L.O.A. L.O.A.	Twin pregnancy	C.P., Uterine inertia	—

LABOUR

Duration of labour (hours)			Treatment	Method of Delivery	P. P. H.	Morbidity (days)	Weight of child (grams)	Result		Child		Remarks
1st stage	2nd stage	3rd stage						M.	C.	Trauma	Resuscitation	
43:20	0:30	0:10	Sedation & I.V. drip	V.E.	—	—	2892	L.	L.	—	—	
24:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	3232	L.	L.	—	—	
33:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	2948	L.	L.	—	—	
31:00	—	—	Pitocin drip	L.S.C.S.	—	—	3062	L.	L.	—	—	
34:30	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	3025	L.	L.	—	—	
27:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	1	3147	L.	L.	—	—	Puerperal pyrexia
24:50	0:55	0:05	Sedation & I.V. drip	V.E.	—	—	2195	L.	L.	—	—	
27:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	3374	L.	L.	—	—	
38:00	—	—	Pitocin drip	L.S.C.S.	—	—	3260	L.	L.	—	—	
26:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	1	2778	L.	L.	—	—	Puerperal pyrexia
36:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	3090	L.	L.	—	—	
40:30	—	—	Sedation & I.V. drip	L.S.C.S.	—	2	2563	L.	L.	—	—	Puerperal pyrexia
28:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	2948	L.	L.	—	—	
57:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	3175	L.	L.	—	—	
30:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	2807	L.	L.	—	—	
26:30	0:50	0:05	Sedation & I.V. drip	V.E.	—	3	3203	L.	L.	—	—	Puerperal pyrexia
27:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	2363	L.	L.	—	—	
28:00	0:40	0:10	Sedation & I.V. drip	V.E.	—	—	3572	L.	L.	—	—	
26:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	2863	L.	L.	—	—	
28:30	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	2608	L.	L.	—	—	
40:00	0:10	0:05	Sedation & I.V. drip	Spont.	—	—	2948	L.	L.	—	—	
26:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	3147	L.	L.	—	—	
24:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	3317	L.	L.	—	—	
24:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	3	3884	L.	L.	—	—	Puerperal pyrexia
35:00	—	—	Sedation & I.V. drip	L.S.C.S.	—	—	2963 3062	L. L.	L. L.	—	—	

TABLE 18

LABOUR FOLLOWING PREVIOUS CAESAREAN SECTION

Total No. of cases	208
Booked	198
Non-booked	10
Total No. of babies	210*
Multiple pregnancies	3
Maternal death	—
S.B.	1 (0.47%)
N.N.D.	4 (1.88%)
P.N.D.	5 (2.38%)

TYPE OF PREVIOUS C.S.:—

L.S.C.S.	201
C.C.S.	3
Unknown	4

INDICATIONS FOR PREVIOUS C.S.:—

Foetal distress	50
Contracted pelvis, failed trial of labour	21
Placenta praevia	20
Uterine inertia	15
Contracted pelvis + breech	14
Unknown	14
Contracted pelvis	10
Transverse lie	8
C-P disproportion	7
Prolonged labour	6
Accidental haemorrhage	6
Severe P.E.	5
A.P.H. (cause not specified)	4
Face presentation	4
Prolapsed cord	3
Failed trial of labour	3
Eclampsia	2
Primigravida breech with borderline pelvis	2
Premature rupture of membranes	2
Obstructed labour due to achondroplasia	1
Previous ruptured cornual pregnancy	1
Primigravida breech with disproportion	1
Maternal distress	1
Cervical dystocia	1
Failed induction	1
Breech, borderline pelvis, severe toxæmia	1
Previous Manchester repair	1
Uterus didelphys	1
Transverse lie of second twin with severe P.E.	1
Ovarian cyst complicating pregnancy	1
Contracted pelvis, primigravida breech, placenta praevia	1

* Excluding one foetus papyraceus

LABOUR FOLLOWING PREVIOUS CAESAREAN SECTION
(Continued)

METHOD OF PRESENT DELIVERY :—

Spontaneous	69
Vacuum extraction	82
Low forceps	14
Mid forceps	1
Assisted breech	1
L.S.C.S.	39
C.C.S.	1
Caesarean hysterectomy	1

TABLE 19
INDUCTION OF LABOUR

Total No. of cases	Medical			Surgical			Failed medical followed by surgical		
	S.B.	N.N.D.	P.N.D.	S.B.	N.N.D.	P.N.D.	S.B.	N.N.D.	P.N.D.
Booked
Non-booked
Primiparae
Multiparae
Incidence
Total No. of babies
Twin pregnancies
S.B.
N.N.D.
P.N.D.
	5	13	22	2	3	8	2	3	3
Pre-eclampsia
Unclassified toxæmia
Postmaturity
Placenta praevia
Accidental haemorrhage
A.P.H. of unknown origin
Leaking of liquor
Previous C. S.
Contracted pelvis
Elderly primigravida
Hydrops foetalis
Hydramnios
Intra-uterine death
Anencephaly
Total	50	6	1	7	110	5	5	15	1

INDICATIONS AND FOETAL LOSS:—

INDUCTION OF LABOUR (Continued)

MEDICAL INDUCTION (including 15 cases who subsequently were followed by surgical induction)

<i>Method of Induction</i>	<i>No. of cases</i>	<i>No. failed</i>
O. B. E.	36	12
Syntocinon infusion	27	8
O. B. E. + syntocinon infusion	2	2
TOTAL	<hr/> 65	22

SURGICAL INDUCTION (including 15 cases of failed medical induction)

<i>Method of Induction</i>	<i>No. of cases</i>	<i>No. failed</i>
Stripping of membranes	32	6
A. R. M.	15	4
Stripping of membranes & A.R.M.	71	6
Stripping + syntocinon infusion	7	5
TOTAL	125	21

OUT OF 15 CASES, 8 CASES FAILED 'SURGICAL INDUCTION FOLLOWING FAILED MEDICAL INDUCTION'.

TABLE 20

VACUUM EXTRACTION

Total No. of cases	579
Booked	545
Non-booked	34
Primiparae	392
Multiparae	187
Total No. of babies	581
Incidence	8.96%
Multiple pregnancies	10
Maternal death	—
S. B.	11(1.9%)
Primiparae	6
Multiparae	5
N. N. D.	—
Primiparae	—
Multiparae	—
P. N. D.	11(1.9%)
Primiparae	6
Multiparae	5
Failed Vacuum Extraction	25
Followed by forceps	23
Followed by C. S.	2

INDICATIONS (some cases have more than one indication):—

	<i>No. of cases</i>
1. Prolonged second stage	283
2. Foetal distress	107
3. Previous C. S.	75
4. Toxaemia	65
5. Cardiac disease	19
6. Pulmonary T. B.	18
7. Uterine inertia	16
8. Prolonged first stage	6
9. A. P. H.	8
10. Other medical diseases	4
11. Maternal distress	3
12. Prolapsed cord	2
13. Prematurity	1

TABLE 21

FORCEPS DELIVERIES

Total No. of cases	327
Booked	291
N.n-booked	36
Primiparae	216
Multiparae	111
Total No. of babies delivered by forceps	332
Incidence	5.04%
Multiple pregnancies	19
Maternal death	—
S. B.	6(1.81%)
N. N. D.	5 (1.5%)
P. N. D.	11(3.31%)

TYPE OF FORCEPS & FOETAL LOSS:—

<i>Type of forceps</i>	<i>Primiparae</i>			<i>Multiparae</i>				
	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Low forceps	211	1	1	2	108	3	4	7
Mid forceps	5	—	—	—	2	2	—	2
Manual rotation & mid forceps	3	—	—	—	3	—	—	—
Total	219	1	1	2	113	5	4	9

INDICATIONS:—

	<i>No. of cases</i>
Breech (for A.C.H.)	96
Prolonged second stage	84
Foetal distress	46
Toxaemia	27
Failed vacuum extraction	15
Previous C. S.	14
Prematurity	14
Cardiac diseases	12
Prolapse of cord	6
P. O. P.	4
Accidental haemorrhage	3
Prophylactic for second twin	3
Pulmonary T. B.	3
Eclampsia	2
Thyrotoxicosis	1
T. B. spine	1
Bad obstetrical history	1

TABLE 22
VERSION IN LABOUR

Serial No.	Age	Previous Pregnancies		Maturity (wks.)	INDICATION	Bipolar external or internal	Weight of Child (grams)	R. salt		REMARKS
		Before 28 wks.	After 28 wks.					M.	C.	
BOOKED										
2697	23	—	3	35	Transverse lie & A.P.H.	Internal	2553	L.	L.	Cervix fully dilated
MULTIPLE										
3240	21	—	—	30	Transverse lie	External	1588	L.	L.	Second twin, breech extraction
4790	27	1	—	34	Transverse lie	Internal	1446	L.	L.	Hydramnios, second twin
NON-BOOKED										
4176	31	—	4	36.5	Transverse lie	Internal	3402	L.	L.	
5857	29	—	4	28.2	Transverse lie	Internal	1758	L.	L.	Cervix 6cm. dilated, version failed & L.S.C.S.

Total No. of cases 5
 Booked 3
 Non-booked 2
 Primiparae 2
 Multiparae 3
 Incidence 0.08%
 Total No. of babies 5
 Multiple pregnancies 2
 Maternal death —
 S. B. —
 N. N. D. —
 P. N. D. —

INDICATIONS FOR VERSION:—

Transverse lie 4
 Transverse lie + A.P.H. 1

RESULTANT METHOD OF DELIVERY:—

Breech with forceps for A.C.H. 3
 Breech extraction with Burns-Marshall technique for A.C.H. 1
 L.S.C.S. after failure of internal version 1

TABLE 23

CAESAREAN SECTION

Total No. of cases	513
Booked	422
Non-booked	91
Primiparae	198
Multiparae	315
Incidence	7.87%
Total No. of babies	519
Multiple pregnancies... ..	6
Maternal death	2
S. B.	10 (1.93%)
N. N. D.	11 (2.16%)
P. N. D.	21 (4.05%)
Repeat C. S.	154

TYPE OF C. S.—

L.S.C.S.	503
C.C.S.	7
Caesarean Hysterectomy	3

INDICATIONS AND FOETAL LOSS.—

<i>Indications</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Contracted pelvis + previous C.S. ...	105	—	2	2
Contracted pelvis + failed trial labour ...	53	—	—	—
Placenta praevia	52	1	6	7
Foetal distress	34	—	—	—
Contracted pelvis	29	—	—	—
Contracted pelvis + foetal distress ...	27	—	1	1
Contracted pelvis + breech	26	—	—	—
Previous Caesarean Section	25	—	—	—
C-P disproportion	21	—	—	—
Uterine inertia	14	—	—	—
Accidental haemorrhage	12	3	1	4
Prolapse of cord	12	—	—	—
Transverse lie	11	3	—	3
Uterine dysfunction	7	—	—	—
Breech and uterine inertia	5	—	—	—
Deformed pelvis	5	—	—	—
Previous C.S. + C-P disproportion ...	4	—	—	—
Severe P.E. + failed iuduction	4	—	—	—
Tumour obstructing labour	4	—	—	—
Bad obstetrical history	4	—	—	—
Elderly primigravida + uterine dysfunction	3	—	—	—
Previous hysterotomy	3	—	—	—
Breech and elderly primigravida	3	—	—	—
Face presentation	3	—	—	—

CAESAREAN SECTION (Continued)

Vaginal septum + breech + previous C.S.	3	—	—	—
Failed induction	3	—	—	—
Contracted pelvis + brow presentation	2	—	—	—
Contracted pelvis + compound presentation	2	—	1	1
Contracted pelvis + failed vacuum extraction	2	—	—	—
Previous C.S. + uterus bicornis	2	—	—	—
Uterine inertia + prolonged leaking of liquor	2	—	—	—
Severe P.E.	2	—	—	—
Previous myomectomy	2	—	—	—
Maternal distress and foetal distress ...	2	—	—	—
Maternal distress	2	—	—	—
Failed forceps + occult prolapse of cord	2	2	—	2
Obstructed labour + C-P disproportion...	2	1	—	1
Transverse lie + cord presentation ...	2	—	—	—
Contracted pelvis + diabetes mellitus ...	1	—	—	—
Previous C.S. + uterus didelphys ...	1	—	—	—
Elderly primigravida + unfavourable pelvis	1	—	—	—
Elderly primigravida + breech + active T.B.	1	—	—	—
Uterine inertia + C-P disproportion ...	1	—	—	—
Uterine inertia + P.O.P.	1	—	—	—
Breech + Bandl's ring formation ...	1	—	—	—
Tuberculosis of spine	1	—	—	—
Naegele's pelvis	1	—	—	—
Advanced breast carcinoma	1	—	—	—
Breech + previous C.S.	1	—	—	—
Brow presentation	1	—	—	—
Previous Manchester operation	1	—	—	—
Previous repair of uretero-utero-vaginal fistula	1	—	—	—
Uterine prolapse	1	—	—	—
Diabetes mellitus + postmaturity ...	1	—	—	—
Post-mortem C.S.	1	—	—	—
Total	513	10	11	21

CAESAREAN SECTION (Continued)

CAUSES OF FOETAL MORTALITY:—

	<i>No. of cases</i>
Atelectasis	2
Asphyxia	6
Prematurity	5
Congenital anomaly	4
Neonatal paralytic ileus	1
Birth trauma... ..	1
Unknown	2
Total	21

MORBIDITY AFTER C. S.:—

	<i>No. of cases</i>
Urinary infection... ..	35
Post-operative fever	27
Genital infection	16
Chest infection	12
Wound infection... ..	6
Unknown	15

MATERNAL MORTALITY:—

Carcinoma of breast with extensive pulmonary and spinal metastases	1
Cerebral haemorrhage in mitral valvular disease (post-mortem C.S.)	1

TABLE 24

RUPTURE OF UTERUS

Serial No.	Age	Previous Pregnancies Before 28 wks. 88 wks.	Nature (wks.)	Time of Rupture	Type of Rupture	Site of Rupture	Cause of Rupture	Type of Labour	Duration of Labour (hrs)			Weight of Child (grams)	Operation	Result		Remarks	
									1st Stage	2nd Stage	3rd Stage			M	C		
Total No. of cases 3																	
Booked 1																	
Non-booked 2																	
Incidence 0.046%																	
Twin pregnancy —																	
Maternal death... .. . —																	
S. B. 3(100%)																	
N. N. D. —																	
P. N. D. 3(100%)																	
BOOKED:—																	
4558	32	—	4	41-1	Intrapartum	Complete	Upward extension of the left lateral cervical laceration (6cm long)	Hydrocephalic fetus	Spont.	5	1 50/60	5/60	Total hysterectomy & ligation of the lt internal iliac artery	3232	L.	S. B.	
NON-BOOKED:—																	
3955	37	—	7	33	Intrapartum	Complete	Right lateral uterine wall	—	Surgical induction	3 50/60	35/60	2/60	Total hysterectomy	2495	L	S. B.	Accidental haemorrhage
4625	32	1	3	44-4	Antepartum	Complete	Previous C C S scar	Previous C C S	Not in labour	—	—	—	Total hysterectomy	3065	L	S. B.	

TABLE 25

CONTRACTED PELVIS

(O.C. less than 10cm., T.D. less than 12 cm., A.P.O. less than 11 cm.)

Total No. of cases	585
Booked	529
Non-booked	56
Primiparae	285
Multiparae	300
Incidence	9.06%
Total No. of babies	591
Multiple pregnancies...	6
S.B....	11 (1.86%)
N.N.D.	8 (1.38%)
P.N.D.	19 (3.21%)

TYPE OF PELVIS:—

Gynaecoid	346
Gynaecoid-Anthropoid	57
Gynaecoid-Platypelloid	40
Gynaecoid-Android	4
Platypelloid	91
Anthropoid	45
Android	1
Naegle's pelvis	1

METHOD OF DELIVERY AND FOETAL LOSS:—

<i>Method of delivery</i>	<i>Primiparae</i>			<i>Multiparae</i>				
	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>	<i>No. of babies</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spontaneous...	97	4	1	5	94	1	1	2
Vacuum extraction	56	1	—	1	29	1	—	1
Low forceps	13	—	—	—	9	—	—	—
Mid forceps	3	—	—	—	2	1	—	1
Assisted breech	7	—	—	—	4	2	—	2
Assisted breech with forceps for A.C.H.	1	—	—	—	—	—	—	—
Breech extraction	—	—	—	—	1	—	—	—
Internal version and breech extraction	—	—	—	—	1	—	—	—
Caesarean Section	109*	—	1	1	165#	1	5	6
Total	286	5	2	7	305	6	6	12

* One C.S. for twin pregnancy.
Two C.S. for twin pregnancies.

TABLE 26

ANTEPARTUM HAEMORRHAGE

Total No. of cases	207
Booked	121
Non-booked... ..	86
Primiparae	37
Multiparae	170
Total No. of babies	208
Incidence	3.21%
Multiple pregnancies	1
Maternal death	—
S.B.	27 (13.04%)
N.N.D.	14 (6.73%)
P.N.D.	41 (19.71%)

TYPE OF A.P.H.:—

Accidental haemorrhage... ..	69 (33.33%)
Placenta praevia	73 (35.27%)
A.P.H. of unknown origin	45 (21.74%)
A.P.H. from extra-placental causes	20 (9.66%)

TABLE 27

ACCIDENTAL ANTEPARTUM HAEMORRHAGE

Total No. of cases	69
Booked	29
Non-booked	40
Primiparae... ..	6
Multiparae	63
Incidence:—Overall	1.07%
Among A.P.H.... ..	33.33%
Total No. of babies	70
Multiple pregnancies	1
Maternal death... ..	—
S.B.	23 (33.33%)
N.N.D.	5 (7.14%)
P.N.D.... ..	28 (40.00%)

CAUSES WHERE PRESENT:—

Toxaemia	8
Trauma	1
Unknown	60

AGE GROUP:—

Age Group (years)	Primiparae	Multiparae
20 & under... ..	—	1
21 — 25	1	3
26 — 30	3	15
31 — 35	2	18
36 — 40	—	24
41 & over	—	2
Total... ..	6	63

MANAGEMENT:—

	No. of cases
Non-interference	33
E.N.A.	1
E.U.A. or E.N.A. + A.R.M.	8
A.R.M.	8
E.U.A. or E.N.A. + A.R.M. + V.E.	1
V.E.	3
LF.	1
E.U.A. or E.N.A. + L.S.C.S.	2
A.R.M. + L.S.C.S.	4
L.S.C.S.	4
C.C.S.	1
E.N.A. + A.R.M. + V.E. + Total Hysterectomy	1
A.R.M. + Caesarean Hysterectomy	1
C.S. + Total Hysterectomy	1

METHOD OF DELIVERY & FOETAL LOSS:—

Method of delivery	No. of babies	S.B.	N.N.D.	P.N.D.
Spontaneous	51	17	4	21
Vacuum extraction	5	3	—	3
Forceps	1	—	—	—
C.S.	13	3	1	4
Total	70	23	5	28

ACCIDENTAL ANTEPARTUM HAEMORRHAGE (Continued)

Serial No.	Age	Previous Pregnancies		Maturity (wks.)		Condition on Admission	If in labour	Cause of A.P.H. if known	Treatment	Fibrinogen	Blood transfusion (ml.)	Amount of bleeding		Result		Remarks	
		Before 28 wks.	After 28 wks.	At Ist Admis- sion	At Delivery							Con- cealed (ml.)	Revealed (ml.)	M.	C.		
BOOKED																	
1535	29	2	—	42	42	Good	Yes	—	L.S.C.S.	given	1000	500	50	L.	L.		
4190	25	—	—	41	41	"	"	—	V. E.		—	100	—	L.	L.		
4535	29	—	—	—	—	"	Yes	Toxaemia	L.S.C.S.		—	5	30	L.	L.		
5476	34	—	—	39	39	"	—	—	—		—	660	50	L.	L.		
5889/62	29	2	3	38	38	Fair	"	—	E.U.A., L.S.C.S.		1000	240	180	L.	S.B.		
380	34	2	6	39	39	"	—	—	A.R.M.		2000	30	200	L.	L.		
1459	28	1	1	39	39	Good	Yes	—	E.U.A., A.R.M.		500	710	200	L.	S.B.		
1597	32	—	7	40	40	"	—	—	E.U.A., A.R.M.		—	10	—	L.	L.		
1624	37	1	4	35	35	"	Yes	—	—		—	—	—	L.	L.		
2386	37	—	4	40	40	"	—	—	C. C. S.		1000	—	—	L.	S.B.	Mitral stenosis class IV	
2526	31	—	1	26	26	"	—	—	—		500	—	520	L.	S.B.	Prolapse of cord	
2677	29	—	1	35	35	"	—	—	—		—	5	20	L.	L.		
2680	30	—	2	—	41	"	Yes	—	—		—	180	—	L.	L.		
2698	32	—	4	35	35	"	Yes	—	E.U.A., A.R.M.		—	4	70	L.	L.		
2930	25	—	1	32	32	"	Yes	—	—		—	30	40	L.	L.		
3010	38	—	5	33	24	"	—	—	—		1000	5	50	L.	L.		
3102	30	2	2	41	41	"	Yes	—	A.R.M.	given	—	20	150	L.	S.R.		
3345	31	—	3	34	35	"	—	—	L. F.		500	20	20	L.	L.		
4055	40	—	7	30	30	"	—	Toxaemia	—		—	30	354	L.	N.N.D.		
4112	34	1	3	—	39	"	—	—	—		—	—	—	L.	L.		
4486	36	—	7	32	33	"	Yes	—	—		—	—	100	L.	L.		
4511	35	2	4	? 29	? 29	Poor	—	—	E.U.A., A.R.M., V.E.		3000	750	1750	L.	S.B.	P. P. H.	
4863	28	—	4	39	39	Good	Yes	—	A.R.M.		—	50	40	L.	L.		
4982	27	1	2	42	42	"	—	—	A.R.M.		—	—	120	L.	L.		
5159	40	—	6	—	36	"	—	Toxaemia	—		—	30	—	L.	S.B.		
5730	29	—	4	37	37	"	Yes	—	—		—	150	250	L.	L.		
5912	30	—	4	37	37	"	Yes	—	A.R.M., L.S.C.S.		500	420	170	L.	L.		
5975	36	—	8	37	37	"	—	—	L.S.C.S.		—	60	50	L.	L.		
6067	31	—	1	34	34	"	—	—	L.S.C.S.		500	90	200	L.	L.	Contracted pelvis	
NON-BOOKED																	
5237/62	33	—	—	39	39	Fair	Yes	—	V. E.		—	450	—	L.	S.B.		
322	36	1	4	37-1	37-1	Good	—	Toxaemia	E.N.A., L.S.C.S.		—	300	300	L.	L.		
354	36	1	3	35-4	37	"	—	—	—		—	20	50	L.	L.		
372	39	—	8	34-6	34-6	Fair	—	—	A.R.M.		2000	600	200	L.	S.B.	P. P. H.	
592	33	2	4	29-5	29-5	"	—	—	A.R.M.	given	1000	600	200	L.	S.B.		
619	34	—	6	33-3	33-3	"	—	—	A.R.M., L.S.C.S.	given	500	900	150	L.	N.N.D.		
1086	40	3	4	38-6	38-6	Good	—	—	A.R.M., L.S.C.S.		—	100	? ?	L.	L.		

ACCIDENTAL ANTEPARTUM HAEMORRHAGE (Continued)

Serial No.	Age	Previous Pregnancies		Maturity (wks.)	Condition on Admission	If in labour	Cause of A.P.H. if known	Treatment	Fibrinogen	Blood transfusion (ml.)	Amount of bleeding		Result	Remarks
		Before 28 wks.	After 28 wks.								At 1st Haem.	At Admis- sion			At Delivery	Con- cealed (ml.)	Revealed (ml.)
1869	33	—	4	35-3	35-3	Yes	—	A.R.M.	given	1000	1050	50	L.	S.B.
2075	34	—	4	38	38	—	Toxaemia	A.R.M., L.S.C.S.	—	1000	500	200	L.	L.
2084	28	—	2	27-4	27-3	—	—	—	—	500	100	30	L.	S.B.
2114	39	—	4	40	40	Yes	—	—	given	1000	1200	20	L.	S.B.
2197	36	—	4	40-4	40-4	—	—	A.R.M.	given	1000	760	500	L.	S.B.
2396	38	—	5	36	36	Yes	—	A.R.M., Caesarean hysterectomy	given	2000	1020	100	L.	S.B.
3058	39	—	2	37-1	37-1	—	—	V. E.	—	—	150	20	L.	L.
3168	24	—	1	38-2	38-2	—	—	—	—	—	120	100	L.	L.
3384	38	1	8	36-6	36-6	—	—	—	—	—	50	50	L.	L.
3436	32	2	6	41-3	41-3	Yes	—	A.R.M.	given	500	450	250	L.	L.
3493	36	—	5	38-4	38-4	—	—	—	given	500	100	50	L.	L.
3658	28	—	3	28-3	28-3	—	—	—	—	—	180	100	L.	N.N.I.D.
3696	38	—	7	38-4	38-4	—	—	E.N.A., A.R.M.	—	—	10	50	L.	L.
3804	35	—	2	27	27-4	—	Fell astride on a piece of wooden board	—	—	500	500	1600	L.	S.B.
3862	26	—	2	37	37	Yes	—	E.N.A., A.R.M.	—	—	200	300	L.	L.
3891	32	—	1	29	29	—	—	—	—	—	5	110	L.	N.N.I.D.
3949	44	—	9	35-1	35-1	—	—	E.N.A.	—	1000	120	400	L.	S.B.
3978	39	—	—	30-5	31	—	—	—	—	—	10	65	L.	N.N.I.D.
3955	37	—	7	38	38	—	—	E.N.A., A.R.M., V.E., hysterectomy	—	3500	250	—	L.	S.B.
4426	29	—	3	33-3	33-4	—	—	—	—	1000	60	200	L.	L.
4492	41	1	8	40-6	40-6	Yes	—	—	given	1000	1900	100	L.	S.B.
4806	35	—	7	39	39	—	Toxaemia	—	given	500	500	1600	L.	S.B.
4812	32	—	2	39-1	39-1	—	—	—	—	—	500	100	L.	L.
4840	40	—	9	34-2	34-2	—	—	—	—	—	20	40	L.	L.
5061	33	—	2	36-4	36-4	Yes	—	E.N.A., A.R.M. C.S. & Total Hysterectomy	—	—	70	100	L.	L.
5374	36	—	7	35-2	35-2	—	—	—	—	2000	1380	1800	L.	S.B.
5785	20	—	1	35	36	Yes	—	—	—	—	160	—	L.	L.
6091	23	—	3	37	37	—	—	E.N.A., A.R.M.	given	—	100	200	L.	L.
6171	31	—	4	38	38	—	—	—	given	—	450	250	L.	L.
6172	35	—	5	38	38	—	Toxaemia	—	—	—	50	100	L.	L.
6189	37	1	3	35-4	36-4	—	—	—	—	—	—	100	L.	S.B.
6445	29	—	4	37-6	37-6	Yes	—	E.N.A., A.R.M.	—	—	—	30	L.	S.B.
MULTIPLE														
1699	30	—	—	33-1	34-5	—	—	—	—	—	160	—	L.	L.

TABLE 28

PLACENTA PRAEVIA

Total No. of cases	73
Booked	33
Non-booked	40
Primiparae	16
Multiparae	57
Incidence:—	
Overall	1.13%
Among A.P.H.	35.27%
Total No. of babies	73
Multiple pregnancies	—
Maternal death	—
S.B.	2 (2.74%)
N.N.D.	5 (6.85%)
P.N.D.	7 (9.59%)

TYPE AND FOETAL LOSS:—

<i>Type</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
I	31	2	—	2
II	5	—	—	—
III	20	—	1	1
IV	17	—	4	4
TOTAL	73	2	5	7

MANAGEMENT AND FOETAL LOSS:—

<i>Management</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
E.N.A. or E.U.A.	3	—	—	—
E.N.A. or E.U.A. + A.R.M.	11	1	—	1
E.N.A. or E.U.A. + L.S.C.S.	38	—	1	1
E.N.A. or E.U.A. + A.R.M. + L.S.C.S.	6	—	—	—
L.S.C.S.	11	1	4	5
C.C.S.	1	—	—	—
C.C.S. + Total Hysterectomy	1	—	—	—
L.S.C.S. + Total Hysterectomy	1	—	—	—
No Treatment	1	—	—	—
TOTAL	73	2	5	7

PLACENTA PRAEVI (Continued)

Serial No.	Age	Previous Pregnancies		Maturity (wks.)	Condition on admission	If in labour	Type I,2,3,4	Treatment	Blood transfusion (ml.)	Amount of bleeding (ml.)	Result		Remarks
		Before 28 wks.	After 28 wks.								At 1st Admission	At Delivery		M.	C.
BOOKED													
145	32	—	—	37	Good	—	3	L.S.C.S.	—	Spotting	L.	L.	Transverse lie
255	30	—	39	39	"	—	1	E.U.A. & A.R.M.	—	200	L.	S.B.	V.E., Prolapse of cord
367	30	1	—	39	"	—	2	E.U.A., & L.S.C.S.	—	30	L.	L.	
872	26	—	—	41	"	Yes	3	"	—	30	L.	L.	C.P.
1109	19	—	—	34	"	—	1	E.U.A. & A.R.M.	—	20	L.	L.	
2991	24	—	—	34	Fair	—	1	E.U.A.	—	Spotting	L.	L.	Chance finding during pelvimetry
3160	30	—	—	35	Good	—	4	E.N.A. & L.S.C.S.	—	—	L.	L.	
4371	29	—	—	37	"	—	3	E.U.A. & L.S.C.S.	—	70	L.	L.	
4508	29	—	—	35	"	—	4	"	—	400	L.	L.	
4577	32	—	—	34	"	Yes	1	E.U.A. & A.R.M.	—	10	L.	L.	
5254	23	—	—	32	"	Yes	1	E.U.A. & A.R.M.	—	700	L.	L.	
5773	36	—	—	40	"	—	1	E.U.A. & L.S.C.S.	—	—	L.	L.	C.P., chance finding during pelvimetry
5636/62	32	—	—	37	"	—	1	L.S.C.S.	—	—	L.	L.	C.P., previous C.S., elective L.S.C.S.
5898/62	33	—	—	39	"	—	1	E.U.A., A.R.M. & L.S.C.S.	—	—	L.	L.	C.P., unstable lie
69/63	35	—	—	37	"	—	3	E.U.A. & L.S.C.S.	—	20	L.	L.	C.P., previous C.S.
470	35	—	—	34	"	—	1	E.U.A. & A.R.M.	—	100	L.	L.	
495	35	—	—	32	"	—	4	E.U.A. & L.S.C.S.	—	510	L.	L.	
599	39	2	—	38	"	—	1	E.U.A. & A.R.M.	—	100	L.	L.	
750	30	—	—	40	"	Yes	1	E.U.A., A.R.M. & L.S.C.S.	—	Spotting	L.	L.	Previous C.S.
928	34	1	—	33	"	—	3	E.U.A. & L.S.C.S.	—	700	L.	N.N.D.	
1630	44	2	—	30	"	—	4	"	—	200	L.	L.	
1863	33	—	—	41	"	—	3	"	—	1500	L.	L.	Chance finding during elective Caesarean section
2603	36	5	—	37	"	—	1	L.S.C.S.	—	—	L.	L.	Chance finding during P.V.
2852	40	—	—	—	"	—	1	"	—	—	L.	S.B.	Compound presentation
3033	42	2	1	36	"	—	1	E.N.A. & L.S.C.S.	—	Spotting	L.	L.	Transverse lie
3088	28	—	—	42	"	—	1	L.S.C.S.	—	—	L.	L.	Occult prolapse of cord
3153	37	—	—	36	"	—	2	E.U.A. & L.S.C.S.	—	155	L.	L.	
3361	32	2	4	38	"	Yes	1	"	—	15	L.	L.	
4545	26	1	1	337	"	—	4	"	—	260	L.	N.N.D.	
4772	36	—	—	28	"	—	4	L.S.C.S.	500	2100	L.	L.	Transverse lie., C.P.
4800	33	—	—	34	"	—	4	C.C.S. + Total hysterectomy	2500	180	L.	L.	Uterine fibromyomata
5599	25	—	—	28-6	"	—	4	E.N.A. & L.S.C.S.	—	250	L.	N.N.D.	Uterine fibromyomata
5834	34	—	—	35	"	—	3	L.S.C.S. + Total hysterectomy	500	30	L.	L.	

PLACENTA PRAEVI (Continued)

Serial No.	Age	Previous Pregnancies		Maturity (wks.)	Condition on admission	If in labour	Type 1, 2, 3, 4	Treatment	Blood transfusion (ml.)	Amount of bleeding (ml.)	Result		Remarks
		Before 28 wks.	After 28 wks.								M.	C.	
NON-BOOKED													
900	36	1	—	41-2	41-4	—	1	E.U.A., A.R.M. & L.S.C.S.	—	—	L.	L.	Failed induction, chance finding because of ? presentation Arcuate uterus
1271	33	—	—	32-4	39	—	1	E.U.A. & A.R.M.	—	120	L.	L.	
2922	26	—	—	31-2	35-1	—	3	E.U.A. & L.S.C.S.	1500	800	L.	L.	
4696	23	—	—	37-4	37-5	Yes	1	E.U.A. & A.R.M.	—	200	L.	L.	
5678/62	44	—	10	34	37	—	3	E.U.A. & L.S.C.S.	500	470	L.	L.	
6970/62	23	—	3	42-6	42-6	—	3	"	—	1000	L.	L.	
787/63	34	—	2	36	36	—	4	"	500	600	L.	L.	
982	43	—	5	38	38	—	1	E.U.A. + A.R.M. & L.S.C.S.	—	50	L.	L.	
1688	35	—	3	33	36	—	4	L.S.C.S.	1500	300	L.	L.	
1969	35	—	6	34	34	—	4	"	500	600	L.	L.	
2008	43	—	6	37	37	—	4	"	1500	600	L.	L.	
2070	38	—	2	40	40	—	1	E.U.A. & A.R.M.	—	200	L.	L.	
2135	33	—	2	37	38	—	3	E.U.A. & L.S.C.S.	—	300	L.	L.	
2223	28	—	3	37	38	—	1	E.U.A. & A.R.M.	—	200	L.	L.	
2489	27	—	1	38	38	Yes	3	E.U.A. & L.S.C.S.	500	220	L.	L.	
2706	30	—	1	42	42	—	1	E.N.A. & A.R.M.	—	350	L.	L.	
2945	27	1	5	36	36	—	4	L.S.C.S.	2500	100	L.	L.	
3115	27	—	3	38	40	—	1	E.N.A. & L.S.C.S.	—	250	L.	L.	
3179	33	—	2	34	33	—	2	"	500	20	L.	L.	
3184	42	—	9	?	?	—	3	E.U.A. & L.S.C.S.	1000	400	L.	L.	
3230	35	—	5	39	39	—	3	"	300-400	—	L.	L.	
3234	36	—	10	31	35	—	4	E.N.A. & L.S.C.S.	—	400	L.	L.	
3364	32	1	7	41	41	—	4	"	—	100	L.	L.	
3375	35	—	5	34	34	Yes	1	E.N.A. & L.S.C.S.	—	200	L.	L.	
3639	33	—	6	32	38	—	4	E.U.A. & L.S.C.S.	—	200	L.	L.	
3846	40	—	1	32	37	—	3	C.C.S.	—	300	L.	L.	
4142	34	1	3	32	40	—	3	E.U.A. & L.S.C.S.	—	30	L.	L.	
4143	31	—	3	39	39	Yes	1	E.N.A. A.R.M. & L.S.C.S.	—	450	L.	L.	
4499	32	2	2	39	40	—	1	E.U.A.	1000	500-600	L.	L.	
4759	29	—	4	38	38	—	4	E.U.A. & L.S.C.S.	500	300	L.	L.	
4764	31	—	2	—	35	Yes	2	E.N.A. & L.S.C.S.	—	200	L.	L.	
4978	27	—	1	38	38	—	1	"	—	300	L.	L.	
5126	35	—	2	35	35	—	4	"	—	150	L.	L.	
5393	32	1	5	33	33	Yes	3	"	500	200	L.	L.	
5423	43	—	9	29	35	—	3	L.S.C.S.	500	527	L.	L.	
5450	37	1	8	40	40	—	1	E.N.A. A.R.M. & L.S.C.S.	500	500	L.	L.	
5458	42	1	4	36	35	—	4	E.N.A. & L.S.C.S.	1000	1750	L.	L.	
5742	32	1	3	37	38	—	4	E.N.A.	—	100	L.	L.	
5758	38	—	2	—	40	—	1	"	—	—	L.	L.	
6068	41	—	9	31	39	—	3	E.U.A. & L.S.C.S.	500	570	L.	L.	Chance finding during P.V.

Chance finding during L.S.C.S. for prolapse of cord & C.P.

Compound presentation

Chance finding during P.V.

C.P., breech Transverse lie

Failed induction

Failed induction, chance finding because of ? presentation Arcuate uterus

TABLE 29

A.P.H. OF UNKNOWN ORIGIN

Total No. of cases	45
Booked	45
Non-booked	—
Primiparae	9
Multiparae	36
Incidence:—	
Overall	0.69%
Among A.P.H.	21.74%
Total No. of babies	45
Multiple pregnancies	—
Maternal death	—
S. B.	1 (2.22%)
N. N. D.	4 (8.88%)
P. N. D.	5(11.11%)
MANAGEMENT:—	
No interference	26
E.N.A.	11
E.N.A. + A.R.M.	1
E.U.A.	6
E.U.A. + A.R.M.	1
Total	45

METHOD OF DELIVERY AND FOETAL LOSS:—

<i>Method of delivery</i>	<i>No. of cases</i>	<i>S.B.</i>	<i>N.N.D.</i>	<i>P.N.D.</i>
Spont.	33	1	3	4
V. E.	2	—	—	—
L. F.	1	—	—	—
Assisted breech delivery	4	—	1	1
Version + Breech extraction	1	—	—	—
L.S.C.S.	3	—	—	—
C.C.S.	1	—	—	—
Total	45	1	4	5

INDICATIONS FOR C.S.:—

Transverse lie	2
Contracted pelvis	1
Persistent occipito-posterior	1

CAUSES OF FOETAL LOSS:—

Prematurity	3
Prolapse of cord	1
Congenital anomaly	1

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

Serial No.	Age	Previous Pregnancies		Maturity (wks.)		Condition on Admission	If in labour	Treatment	Blood transfusion (ml.)	Amount of bleeding (ml.)	Result		Remarks
		Before 28 wks.	After 28 wks.	At 1st haem.	On Admission						At Delivery	M.		C.
BOOKED													
423	37	—	—	35-2	34-4	36-1	No	E.U.A.	500	200	L.	L.	C.P., L.S.C.S.
426	20	—	—	29-2	39-5	39-6	Yes	—	—	50	L.	L.	C.P.
1484	23	—	—	40	40-1	40-3	No	—	—	Spotting	L.	L.	V.B.
3114	27	—	—	35-1	35-1	37-5	"	E.U.A.	—	90	L.	L.	
3695	31	—	—	37	37-2	40-1	"	—	—	Spotting	L.	L.	P.O.P., L.S.C.S.
3742	25	—	—	34-4	34-4	35	"	—	—	50	L.	L.	
4424	18	—	—	32-3	38-4	38-4	Yes	—	—	5-10	L.	L.	
5154	23	1	—	39-3	39-3	39-3	No	E.U.A.	—	Spotting	L.	L.	
5596	21	—	—	31-5	31-5	32	"	—	—	15	L.	L.	
5658/62	35	—	2	40-1	40-1	40-1	Yes	—	—	100	L.	L.	
514	35	1	5	41	38	41	"	—	500	400	L.	L.	
637	34	2	7	39-1	39-1	39-1	"	E.U.A.	—	200	L.	L.	Transverse lie, prolapse of cord, hydramnios, C.C.S.
797	25	1	1	33-5	33-5	39-3	No	—	—	Spotting	L.	L.	Breech, L.F.
2226	30	1	4	34-6	35-3	38-1	"	—	—	Spotting	L.	L.	
2697	23	—	3	35	35	35	Yes	E.U.A., internal version, breech extraction	—	50	L.	L.	Transverse lie, version
3517	31	3	5	39-4	39-4	39-4	No	—	500	900	L.	L.	
3524	29	4	4	35-2	35-2	35-4	"	—	—	—	L.	L.	
3915	35	—	5	39	39	39	"	—	—	30	L.	L.	
4027	33	—	4	40-3	40-3	40-3	"	—	—	10	L.	L.	
4169	38	—	9	31-5	31-5	37-1	"	—	—	90	L.	L.	
4322	40	—	7	32-2	32-2	37-1	"	—	—	50	L.	L.	
4716	27	—	3	32-5	32-5	32-5	Yes	E.N.A.	—	300	L.	N.N.D.	
4872	36	1	5	32-4	32-4	33	No	—	—	50	L.	L.	
5839	30	—	4	35-1	35-1	37	"	—	—	Spotting	L.	L.	
NON-BOOKED													
5857/62	29	—	4	28-1	28-2	28-2	Yes	—	—	250	L.	L.	Transverse lie, internal version failed, L.S.C.S.
756/63	22	—	1	41	41	41	"	E.U.A.	—	300	L.	L.	V.E.
1793	31	—	5	39	39	39	"	—	—	200	L.	S.B.	Prolapse of cord
1927	24	—	1	40-5	40-5	40-5	"	E.U.A. & A.R.M.	—	100	L.	L.	
2956	29	2	5	35-1	35-1	35-2	No	—	—	100	L.	N.N.D.	Breech, congenital abnormalities
2383	47	—	4	32-6	32-6	39	"	E.N.A.	—	50	L.	L.	
2679	23	1	1	39-2	39-2	39-2	"	—	—	—	L.	L.	
2956	27	—	1	33-5	33-5	33-6	Yes	E.N.A.	—	100	L.	L.	

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

Serial No.	Age	Previous Pregnancies		Maturity (wks.)		Condition on admission	If in labour	Treatment	Blood transfusion (ml.)	Amount of bleeding (ml.)	Result		Remarks	
		Before 28 wks.	After 28 wks.	At 1st haem.	On admission						At delivery	M.		C.
3283	29	—	3	40-6	40-6	..	..	E.N.A. & A.R.M.	—	—	—	M.	C.	
3357	23	—	1	40-3	40-3	..	No	E.N.A.	—	300	—	L.	L.	Compound presentation
4288	31	1	5	39-3	39-3	..	Yes	—	—	100	—	L.	L.	Mitral stenosis class - I
4928	42	2	4	34	39-1	..	No	E.N.A.	—	30	—	L.	L.	
5256	25	—	1	38-5	38-5	..	Yes	..	—	Spotting	—	L.	L.	
5383	30	—	4	42-5	42-5	..	No	..	—	50	—	L.	L.	
5624	42	1	2	33-2	33-1	..	..	..	—	100	—	L.	L.	
5639	37	—	4	37-2	37-3	..	..	..	—	—	—	L.	N.N.D.	
5812	30	—	3	35	35	..	..	..	—	120	—	L.	L.	L.F.
5827	32	—	2	41	41-3	..	..	..	—	100	—	L.	L.	
5440	33	1	3	30-5	31-5	..	..	F, N.A.	—	50	—	L.	L.	Breech
6097	36	—	7	32	32	..	..	—	—	300	—	L.	L.	Breech
						..	..	—	—	280	—	L.	L.	Breech

TABLE 30

A.P.H. EXTRA-PLACENTAL CAUSES

Total No. of cases	20
Booked	14
Non-booked	6
Primiparae	6
Multiparae	14
 Incidence:—	
Overall	0.31%
Among A.P.H.	9.66%
Total No. of babies	20
Multiple pregnancies	—
Maternal death	—
S. B.	1(5 %)
N. N. D.	—
P. N. D.	1(5 %)
 CAUSES:—	
Cervical erosion	16
Varicose veins of cervix	1
Hypertrophic cervix	1
Cervical fibromyoma	1
Vaginal septum	1

A.P.H. EXTRA-PLACENTAL CAUSES (Continued)

Serial No.	Age	Previous Pregnancies		Maturity (wks.)		Condition on admission	If in labour	Cause of A.P.H. if known	Treatment	Blood transfusion (ml.)	Amount of bleeding (ml.)	Result			Remarks
		Before 28 wks.	After 28 wks.	At 28 wks.	At 28 wks.							At 28 wks.	At 28 wks.	M.		C.
BOOKED															
971/63	21	—	—	28-2	28-2	39-6	Good	no	Cervical erosion	—	20	L.	L.	L.	Vacuum extraction
1427	30	—	—	35-1	32	37-6	"	"	"	—	Spotting	L.	L.	L.	
2049	28	—	—	34	39-3	39-3	"	"	"	—	55	L.	L.	L.	
2850	34	—	—	29-1	29-6	39-4	"	"	"	—	4	L.	L.	L.	
5142	35	—	—	29-2	29	29-3	"	"	Vaginal septum	E.U.A.	110	L.	L.	L.	
5240	27	—	—	36-5	36-5	39-4	"	"	Cervical erosion	—	Spotting	L.	L.	L.	
679	29	—	3	30-6	30-6	31-3	"	"	Varicose veins in cervix	E.U.A.	940	L.	L.	L.	
1085	36	—	7	30-2	30-2	40	"	"	Hypertrophic cervix	L.S.C.S.	40	L.	L.	L.	Prolapse of uterus
1474	40	1	4	30	24-1	27-5	"	"	Cervical erosion	—	75	L.	L.	L.	Thyrototoxicosis
1728	37	—	2	35-2	35-3	40	"	"	"	E.N.A.	5	L.	L.	L.	Vacuum extraction
2056	35	—	1	34-5	34-5	35-1	Satisfactory	"	"	—	Spotting	L.	L.	L.	
2263	28	—	5	41-3	41-3	41-6	Good	"	"	—	10	L.	L.	L.	
2846	43	1	11	35	34-6	38	"	"	"	—	5	L.	L.	L.	
5852	23	—	2	34-1	34-1	33-3	"	"	"	—	52	L.	L.	L.	Previous C.S.
NON-BOOKED															
776	40	1	4	27-1	27-1	34-3	"	"	Cervical fibroma	L.S.C.S.	150	L.	L.	L.	
1228	39	—	9	36-2	36-2	36-4	"	"	Cervical erosion	—	20	L.	L.	L.	Contracted pelvis
2367	34	—	2	27-5	27-5	34	"	"	"	—	20	L.	L.	S.B.	
2933	35	1	5	28-3	28-3	28-1	"	"	"	—	5	L.	L.	L.	
3365	38	1	4	30-5	30-5	33-4	"	"	"	—	50	L.	L.	L.	
4559	22	—	1	39-4	39-4	39-5	"	"	"	—	5-10	L.	L.	L.	

TABLE 31

POSTPARTUM HAEMORRHAGE (PRIMARY)

Total No. of cases	48
Booked	35
Non-booked	13
Primiparae	15
Multiparae	33
Incidence	0.74%
Total No. of babies	47 (1 case B.B.A. baby not admitted)
Multiple pregnancies	—
Maternal death	—

CAUSES:—

<i>Causes</i>	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Uterine atony	9	12	21
Adherent placenta	3	2	5
Genital tract laceration	—	4	4
Retained products of conception	—	1	1
Retained placenta	1	4	5
Hypofibrinogenaemia	1	5	6
Placenta praevia	—	1	1
Ruptured uterus	—	2	2
Accidental haemorrhage	—	1	1
Acute inversion of uterus	1	—	1
Unknown	—	1	1
Total	15	33	48

AMOUNT OF BLOOD LOSS:—

<i>Volume in ml.</i>	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
500 — 600	11	15	26
601 — 700	3	1	4
701 — 800	—	3	3
801 — 900	—	4	4
901 — 1000	1	1	2
1001 & over	—	9	9
Total	15	33	48

TREATMENT:

<i>Treatment</i>	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Intravenous Ergometrine	15	29	44
Blood transfusion	11	28	39
Syntocinon infusion	—	3	3
Fibrinogen	1	6	7
Repair of laceration	—	4	4
Brandt-Andrews technique	1	5	6
Manual removal of placenta	2	4	6
Evacuation of uterus	—	1	1
Bimanual compression	1	—	1
Hysterectomy	1	3	4

TABLE 32

MANUAL REMOVAL OF PLACENTA

Total No. of cases	50
Booked	41
Non-booked	9
Primiparae	15
Multiparae	35
Incidence	0.78 %
Total No. of babies	51
Multiple pregnancies	1
Maternal death	—
Previous manual removal	1

INDICATIONS:—

	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Adherent placenta	4	19	23(46%)
Retained placenta	9	13	22(44%)
Broken cord	2	2	4(8%)
Bleeding	—	1	1(2%)
TOTAL	15	35	50

AMOUNT OF BLEEDING:—

<i>Millilitres</i>	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
100 & Less	6	10	16(32%)
101 — 200	3	8	11(22%)
201 — 300	3	2	5(10%)
301 — 400	—	3	3(6%)
401 — 500	1	3	4(8%)
501 —1,000	2	4	6(12%)
1,001 & over	—	1	1(2%)
Unknown	—	4	4(8%)
TOTAL	15	35	50

METHOD OF DELIVERY:—

	<i>Primiparae</i>	<i>Multiparae</i>	<i>Total</i>
Spontaneous	10	24	34(68%)
Forceps	1	1	2(4%)
Vacuum extraction	4	5	9(18%)
Breech	—	5	5(10%)

DURATION OF LABOUR:—

2nd Stage over 1 hour	4	2	6
3rd Stage over 1 hour	9	15	14

TABLE 33

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

Total No. of cases	27
Booked... ..	24
Non-booked	3
Primiparae	6
Multiparae	21
Incidence	0.42%
Total No. of babies	29
Multiple pregnancies	2
Maternal death	—
S. B.	2 (6.67%)
N.N.D.	1 (3.03%)
P.N.D.	3 (10.00%)

TYPE OF TUMOUR:—

1. Ovarian cyst — Dermoid	6
Serous	3
Pseudomucinous	1
Luteal	1
2. Uterine fibromyoma	12
3. Mixed: uterine fibromyoma + dermoid cyst	1
4. Others — Parovarian cyst	3

METHOD OF DELIVERY:—

Spontaneous	19
L.S.C.S.... ..	10
CHANCE FINDING AT P.P.S.... ..	7
CHANCE FINDING AT L.S.C.S.	3

TABLE 34

MULTIPLE PREGNANCY

Total No. of cases	76
Booked	55
Non-booked	21
Primiparae	21
Multiparae	55
Twin pregnancy... ..	74
Triplets... ..	2
Incidence	(Twins—1.15% (Triplets—0.03%)
Total No. of babies	154*
Maternal death	—

MATERNAL COMPLICATIONS:—

	<i>No. of cases</i>	<i>Percentage of total</i>
Toxaemia	18	23.68
Anaemia	3	3.94
Hydramnios	2	2.63
Accidental haemorrhage	1	1.32
Contracted pelvis	5	6.58

* Including two foetuses papyraceus.

TWIN PREGNANCY

Total No. of cases	74
Binovular	42 (56.76%)
Uniovular	26 (35.14%)
Unknown	6 (8.11%)
Total No. of babies... ..	148*

FOETAL MORTALITY:—

	<i>First Twin</i>	<i>Second Twin</i>	<i>Total</i>
S. B.	3	4	7 (4.72%)
N. N. D.	—	1	1 (0.68%)
P. N. D.	3	5	8 (5.41%)

BIRTH WEIGHT AND FOETAL LOSS:—

<i>Weight (grams)</i>	<i>Foetal Loss</i>					
	<i>First twin</i>			<i>Second twin</i>		
	<i>No. of cases</i>	<i>Foetal loss</i>	<i>Per-centage</i>	<i>No. of cases</i>	<i>Foetal loss</i>	<i>Per-centage</i>
1,500 & under	4	1	25.00	4	1	25.00
1,501—2,000	11	—	—	13	2	15.39
2,001—2,500	25	2	8.00	26	—	—
2,501—3,000	28	—	—	22	1	4.55
3,001 & over	5	—	—	8	—	—
Unknown	1	—	—	1	1	100.00
Total	74	3	4.05	74	5	6.76

* Including two foetuses papyraceus which are counted as stillbirths.

TWIN PREGNANCY (Continued)

METHOD OF DELIVERY AND FOETAL LOSS.—

<i>Method of Delivery</i>	<i>First Twin</i>		<i>Second Twin</i>	
	<i>No. of cases</i>	<i>Foetal loss</i>	<i>No. of cases</i>	<i>Foetal loss</i>
Spont.	45	3	37	2
Vacuum extraction ...	5	—	4	—
Low forceps	11	—	6	1
Mid forceps	1	—	—	—
Assisted breech	6	—	16	—
Breech extraction ...	1	—	5	1
C. S.	5	—	6	1
Total	74	3	74	5

PRESENTATION:—

	<i>No. of cases</i>	<i>Percentage</i>
Vertex — Vertex	40	54.05
Vertex — Breech	21	28.39
Breech — Vertex	4	5.40
Breech — Breech	5	6.75
Vertex — Transverse	1	1.35
Transverse — Transverse	1	1.35
Unknown — Unknown	2	2.70

PRESENTATION AND FOETAL LOSS:—

<i>Presentation</i>	<i>First Twin</i>			<i>Second Twin</i>		
	<i>No. of cases</i>	<i>Foetal loss</i>	<i>Per-centage</i>	<i>No. of cases</i>	<i>Foetal loss</i>	<i>Per-centage</i>
Vertex	61	2	3.28	44	3	6.81
Breech	9	—	—	26	1	3.85
Transverse	1	—	—	2	1	50
Unknown	3	1	33.33	2	—	—
Total	74	3	4.05	74	5	6.76

INDICATIONS FOR C. S.:—

	<i>No. of cases</i>
Contracted pelvis	3
Pre-eclampsia	1
Transverse lie	2

MULTIPLE PREGNANCY (Continued)

Serial Age No.	Light (inches)	Previous Pregnancies Before After 28 wks. 28 wks.	Maturity (wks.)		Presentation		Method of Delivery		Sex		Weight (grams)		Type if known	Result		Remarks
			1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd		M.	2nd	
TWIN																
4832/62	25	61½	—	—	39-4	R.S.P.	L.S.A.	Breech extraction	Assisted breech	F.	F.	2722	2238	L.	L.	Pre-eclampsia, prolapsed cord
5766/62	25	57	—	—	33	L.O.A.	R.O.P.	L. F.	L. F.	Ma.	Ma.	1588	1616	L.	L.	Unclassified toxæmia A, anaemia, macerated S.B.
55	32	58	—	—	38-6	L.O.A.	R.O.A.	Spont.	Spont.	Ma.	Ma.	2488	1984	L.	S.B.	Pre-eclampsia
1896	23	62½	—	—	37	R.O.T.	R.O.A.	"	"	F.	F.	2041	2211	L.	L.	Anaemia
1668	34	Unknown	—	—	40-3	R.O.P.	L.S.A.	Assisted breech	"	F.	F.	2723	2723	L.	L.	Twisted ovarian cyst on day after delivery
1725	34	60	—	—	35-2	L.S.A.	L.S.A.	Spont.	"	Ma.	Ma.	2807	2466	L.	L.	Previous C.S., transverse lie, C.C.S., presentation of cord
1732	30	60	—	—	38	L.O.A.	R.O.A.	"	"	F.	F.	1871	1304	L.	L.	Pre-eclampsia
1954	33	60½	—	—	31-3	Transverse lie	C.C.S.	C.C.S.	"	F.	Ma.	1417	1701	L.	L.	Pre-eclampsia
2842	25	59	—	—	31-6	R.O.A.	L.O.A.	L. F.	L. F.	Ma.	Ma.	1758	1814	L.	L.	Pre-eclampsia
3240	21	60½	—	—	29-4	R.S.P.	R.S.A.	Assisted breech	Breech extraction	F.	F.	1220	1588	L.	L.	Pre-eclampsia
3349	29	59	—	—	37	L.O.P.	R.O.A.	L.S.C.S.	L.S.C.S.	F.	F.	2495	2258	L.	L.	Pre-eclampsia
3529	24	61	—	—	36-4	L.O.A.	R.O.P.	Spont.	V. E.	F.	F.	2258	2698	L.	L.	Pre-eclampsia
4476	23	61½	—	—	40-4	L.O.A.	L.O.A.	V. E.	Spont.	F.	F.	2807	2325	L.	L.	Pre-eclampsia
4553	21	62½	—	—	36-6	L.O.A.	R.S.A.	L. F.	Assisted breech	F.	F.	2041	1644	L.	L.	Pre-eclampsia
4746	34	50	—	—	3½	L.O.A.	R.O.T.	V. E.	L. F.	F.	Ma.	1729	2155	L.	L.	Pre-eclampsia
4790	27	62½	—	—	34	L.O.A.	R.S.A.	Spont.	Assisted breech	F.	F.	1673	1446	L.	L.	Pre-eclampsia
5104	34	62	—	—	38	L.O.A.	L.O.A.	"	Spont.	F.	F.	2665	450	L.	L.	*Second twin foetus papyraceous
5906	34	63½	—	—	38-5	Vertex	Vertex	V. E.	Breech extraction	F.	Ma.	2410	?	L.	S.B.	Macerated 2nd twin
5011/62	35	61½	2	4	37-6	L.O.A.	R.S.A.	Spont.	Assisted breech	Ma.	F.	2531	2155	L.	L.	Unclassified toxæmia B.
5396/62	30	62½	—	4	36-5	R.O.A.	L.O.A.	"	Spont.	Ma.	F.	2662	2294	L.	L.	Pre-eclampsia
5428/62	28	66½	—	4	39-1	L.S.A.	L.O.A.	Assisted breech	"	F.	Ma.	3487	3714	L.	L.	Pre-eclampsia
5752/62	24	59	—	3	35-1	R.S.A.	L.S.A.	"	Assisted breech	Ma.	Ma.	1956	2381	L.	L.	Unclassified toxæmia A.
5807/62	31	63½	—	7	39-6	R.O.A.	Breech	Spont.	"	Ma.	Ma.	3062	2608	L.	L.	Unclassified toxæmia A.
5916/62	31	60½	—	2	40-1	L.O.P.	L.O.P.	Spont.	L.S.C.S. (Elective)	Ma.	Ma.	2532	2381	L.	L.	C.P., previous C.S.
125	27	63½	—	5	39-5	L.O.A.	L.O.A.	Spont.	Spont.	F.	F.	2438	2892	L.	L.	Congenital malformation
533	29	58	—	4	41-2	L.O.A.	L.O.A.	"	"	Ma.	Ma.	3118	3175	L.	L.	Ovarian cyst, ovarian cystectomy done at 20 weeks
745	38	62½	2	5	38-1	L.O.A.	R.S.A.	"	Breech extraction	Ma.	Ma.	2268	2268	L.	L.	Unclassified toxæmia A.
873	24	62½	—	2	39-5	L.O.A.	R.O.P.	"	Spont.	Ma.	Ma.	2807	2608	L.	L.	Unclassified toxæmia A.
1047	34	57½	—	5	40-1	R.S.A.	L.O.A.	"	"	F.	F.	2268	1874	L.	L.	Unclassified toxæmia A.

MULTIPLE PREGNANCY (Continued)

Serial No.	Age	Previous Pregnancies		Maturity (wks.)	Presentation		Method of Delivery		Sex	Weight (grams)		Type if known		Result		Remarks	
		Before 28 wks.	After 28 wks.		1st	2nd	1st	2nd		1st	2nd	1st	2nd	1st	2nd		
1202	24	59½	—	2	40-5	L.O.A.	R.O.A.	"	F.	2608	3005	U	U	L.	L.		
1764	35	56½	1	1	38-5	L.O.A.	R.S.A.	V. E.	Ma.	2695	2098	B	B	L.	L.	Unclassified toxæmia A.	
1955	38	63½	—	7	38-5	Unknown	Unknown	Spont.	F.	2529	2750	"	"	L.	L.		
2040	39	58	—	4	32-4	R.O.A.	R.O.A.	"	F.	2041	1843	U	U	L.	L.	Unclassified toxæmia A.	
2229	25	57½	—	1	40-6	L.O.A.	R.O.A.	"	F.	2495	2268	B	B	L.	L.		
2335	35	57½	1	8	34-3	L.O.A.	R.O.A.	"	F.	1786	2641	U	U	L.	L.		
2719	38	60	—	6	38-5	R.O.A.	P.O.P.	"	F.	2299	2240	B	B	L.	L.	Unclassified toxæmia B.	
2813	36	56	—	7	39-2	R.O.A.	L.O.A.	"	Ma.	2495	2268	U	U	L.	L.	Unclassified toxæmia A.	
2909	34	61½	—	5	38-5	L.O.A.	R.S.A.	"	F.	2852	2438	B	B	L.	L.		
3012	21	59	—	1	41	R.O.P.	L.S.A.	"	Ma.	2693	2608	"	"	L.	L.	C.P.	
3034	36	63	1	1	40-6	R.O.A.	L.O.A.	"	F.	2295	2240	"	"	L.	L.		
3316	35	62½	—	5	34-3	R.O.A.	R.S.A.	"	F.	2070	1729	"	"	L.	L.		
3855	34	58	1	1	33-2	L.O.A.	L.S.A.	"	Ma.	1984	1928	"	"	L.	L.	N.N.D.	
4182	36	60½	—	6	40	L.O.A.	R.O.A.	"	F.	2637	2655	U	U	L.	L.		
4249	37	64	1	6	39-6	L.S.A.	L.S.A.	"	F.	2948	3118	B	B	L.	L.	Previous C.S.	
4357	24	57	—	4	35-1	L.O.A.	L.O.A.	"	F.	2807	2410	U	U	L.	L.	Hydrops foetalis	
4434	32	60½	—	4	36-6	L.O.A.	R.O.A.	"	F.	2325	2608	B	B	S.B.	L.		
4477	33	59½	1	4	39-2	L.O.A.	R.O.A.	"	Ma.	2835	2807	U	U	L.	L.	C.P.	
4931	31	60	1	3	38	R.O.T.	R.O.T.	"	F.	2807	3286	"	"	L.	L.		
5236	29	59	—	2	35-1	L.O.A.	R.S.A.	"	F.	2722	2551	B	B	L.	L.		
5729	34	60	1	6	40-1	L.O.A.	L.S.A.	"	F.	2665	2637	"	"	L.	L.		
5913	32	61½	1	3	36-5	L.O.A.	L.O.A.	"	F.	2126	2352	"	"	L.	L.		
5983	21	Unknown	—	—	41-4	Vertex	Vertex	"	F.	2608	2353	U	U	L.	L.	Prolapsed cord	
6306	28	64½	—	1	31-4	L.O.A.	R.S.A.	"	Ma.	1304	1248	B	B	L.	L.		
6371	26	57½	—	3	38	R.O.A.	R.O.A.	"	F.	2381	2580	"	"	L.	L.		
TRIPLETS																	
BOOKED																	
247	23	63	—	1	33	R.O.A.	R.S.A.	Spont.	F.	F.	1588	1616	1333	U	L.	L.	L.
TWIN																	
NON-BOOKED																	
1699	30	Unknown	—	—	34-5	L.O.A.	L.O.P.	L. F.	F.	F.	1504	1948	B	B	L.	L.	Accidental hæmorrhage
1885	29	61½	—	—	41-4	R.O.A.	L.O.T.	L. F.	Ma.	F.	2495	3067	"	"	L.	L.	
2649	19	Unknown	—	—	36-5	R.O.A.	L.S.A.	Spont.	F.	F.	2268	2722	"	"	L.	L.	
5966/62	25	"	—	—	40-3	L.S.A.	R.O.A.	L.S.C.S.	F.	F.	3402	1899	"	"	L.	L.	C.P., unclassified toxæmia A.

MULTIPLE PREGNANCY (Continued)

Serial No.	Age	Previous Pregnancies		Presentation		Method of Delivery		Sex	Weight (grams)		Type if known	Result		Remarks					
		Before 28 wks.	After 28 wks.	1st	2nd	1st	2nd		1st	2nd		M.	Ist		2nd				
1066	40	57½	—	7	35-4	R.O.A.	L.S.P.	Spont.	Assisted breech	?	Ma.	?	3005	Unknown	L.	L.	1st twin — B.B.A.		
1938	29	60	—	3	40-1	L.O.A.	L.S.A.	Spont.	Spont.	F.	F.	3090	2835	Uniovular	L.	L.	Unclassified toxæmia A.		
2101	36	Unknown	—	7	39-4	L.O.A.	R.S.A.	L. F.	Assisted breech	F.	Ma.	2778	2608	Binovular	L.	L.	Unclassified toxæmia B.		
2669	24	61½	—	3	36-4	R.O.A.	L.O.A.	Spont.	Spont.	Ma.	Ma.	2637	2778	Uniovular	L.	L.	Unclassified toxæmia A.		
2760	29	60½	—	2	30	Vertex	Breech	"	"	F.	F.	1759	1644	"	L.	L.	B.B.A.		
			—	1	39-6	L.O.A.	R.O.A.	"	"	F.	F.	2381	2041	Binovular	L.	L.	Unclassified toxæmia B., hydramnios		
3374	22	57½	—	1	35-4	R.O.A.	L.O.A.	"	L. F.	F.	F.	2126	2353	Uniovular	L.	L.	Pro lapse of cord		
3432	27	62	—	1	36	Vertex (B.B.A.)	R.A.P.	"	L.S.C.S.	Ma.	F.	2211	2835	Unknown	L.	S.B.	1st twin, B.B.A.; 2nd twin, transverse lie		
3584	38	60½	—	3	37	L.O.A.	R.O.A.	"	Spont.	Ma.	F.	2722	2325	Binovular	L.	L.	Unclassified toxæmia A., 1st twin B.B.A., manual removal of placenta		
3922	26	Unknown	—	2	36	Vertex	R.S.A.	"	"	F.	F.	2163	2508	Unknown	L.	L.	Hydramnios		
4280	32	"	—	2	39	L.S.A.	R.O.A.	Assisted breech	"	Ma.	Ma.	2260	2495	Binovular	L.	L.	Unclassified toxæmia A.		
5388	26	"	—	2	40	L.O.A.	R.S.A.	Spont.	Assisted breech	F.	F.	2608	2495	"	L.	L.	C.P., prolonged labour		
5394	23	"	—	1	43	L.O.A.	L.O.A.	L.S.C.S.	L.S.C.S.	Ma.	Ma.	2863	3062	Uniovular	L.	L.	Previous C.S. * 1st twin, foetus papyraceus		
5508	40	"	—	3	36	---	L.O.A.	Spont.	Spont.	?	Ma.	56	2495	Binovular	L.	*	Anæmia		
5924	34	"	—	7	40	Unknown	Unknown	"	"	F.	Ma.	1956	2722	"	L.	L.			
5978	27	"	—	1	37	P.O.P.	R.O.P. —O.A.	L. F.	"	F.	F.	2688	2688	Uniovular	L.	L.			
TRIPLETS																			
NON-BOOKED																			
3598	31	Unknown	—	2	38	L.O.A.	L.O.A.	L.O.A.	Spont.	F.	Ma.	Ma.	3232	1586	1446	Binovular	L.	L.	S.B. S.B.

DETAILS OF MATERNAL DEATHS

1. Non-booked Case. Serial No. 219/63 Age. 32 Gravida 4

Patient was referred for admission when she was 30 weeks pregnant because of progressive dyspnoea for 1 year and temporal headache for 1 month.

Examination: Dyspnoea at rest, engorgement of neck veins, clubbing of fingers, slight oedema of lower extremities, tachycardia (142/minute), systolic and diastolic murmurs over mitral area. There were no signs of pre-eclampsia and the temperature was normal.

Diagnosis: Mitral valvular disease and subacute bacterial endocarditis, Class IV cardiac disease complicating pregnancy.

She was given Penicillin and Digoxin and there was slight improvement. Four weeks later she suddenly complained of severe headache and soon lapsed into coma. She died a few hours later and a post-mortem Caesarean section was done. The baby, weighing 2608 gm., breathed normally after a few minutes' resuscitation and was subsequently discharged well from hospital.

Post-mortem: i) Heart - Mitral stenosis.

ii) Brain - Large blood clot, 4.5 cm. in diameter in left occipital lobe. There was haemorrhage in both lateral ventricles, 4th ventricle, and subarachnoid areas of cerebellum, pons and posterior part of medulla.

Cause of death: Cerebral haemorrhage in mitral valvular disease complicating pregnancy.

2. Non-booked Case. Serial No. 2769/63 Age: 33 Gravida 5

Patient was referred for admission from the Surgical Unit when she was found to be 23 weeks pregnant complicated with metastatic carcinoma of the left breast. She complained of severe pain in the thoracic spine due to extensive metastases and was kept in hospital under heavy sedation until the baby was viable. A Caesarean section with bilateral oophorectomy was performed at 35 weeks maturity. The baby weighing 2463 gm. at birth was healthy and discharged well from hospital. The mother, however, died of extensive pulmonary metastases 26 days post-operatively. This was confirmed by post-mortem examination and the spine was also extensively metastasized.

Cause of death: Extensive pulmonary and spinal metastases in carcinoma of breast complicating pregnancy.

TABLE 36
SUMMARY OF FOETAL LOSS

	S. B.				N. N. D.				P. N. D.			
	No. of cases	Incidence (per 1,000 L.B. & S.B)	No. of cases	Incidence (per 1,000 L.B.)	No. of cases	Incidence (per 1,000 L.B.)	Booked	Non-booked	Primiparae	Multiparae	Incidence (per 1,000 L.B. & S.B)	
Total No. live births and stillbirths	95 ** (7)	14.42	71# (1)	10.93	163* (8)						24.74	
Total No. of live births	56 (4)		52 (1)		105 (5)		58 (3)	43 (3)	120 (5)			
Booked	39 (3)		19									
Non-booked	29 (3)		15									
Primiparae	66 (4)		56 (1)									
Multiparae												
CAUSES + :-												
1. Unknown	32**	27.60%	31 (1)	39.24%	62** (1)	47 (1)	15**	23	39** (1)		32.29%	
Mature	10		5		15	15		7	8			
Premature	21		26 (1)		46 (1)	32 (1)	15**	16	31** (1)			
2. Birth Trauma	17 (1)	14.66%	5	6.41%	22 (1)						11.52%	
Asphyxia Total	15				15 (1)	9	6 (1)	5	10 (1)			
Cord	10				10	7	3	5	5			
Ruptured uterus	3				3	1	2		3			
Others	2 (1)				2 (1)	1	1 (1)		2 (1)			
Tentorial tear	1				1	1			1			
Laceration of liver	1		1		2		1		1			
Intracranial haemorrhage			4		4	3	1		4			
3. Toxaemia	19 (4)	16.38%	6	7.59%	25 (4)	12 (2)	13 (2)	9 (2)	16 (2)		13.02%	
Pre-eclampsia	1		2		3	3		3				
Unclassified toxaemia 'A'	12 (4)		1		13 (4)	7 (2)	6 (2)	5 (2)	8 (2)			
Unclassified toxaemia 'B'	6		3		9	2	7	1	8			

() Figure in brackets indicates number of twin babies.

SUMMARY OF FOETAL LOSS (Continued)

	S. B.		N. N. D.		P. N. D.		
	No. of cases	Incidence	No. of cases	Incidence	No. of cases	Booked	Not-booked
4. A. P. H.	27	23.29%	14	17.72%	41	14	27
Accidental haemorrhage	23		5		28	6	22
Placenta praevia	2		5		7	5	2
A.P.H. of extragenital causes	1		—		1	—	1
A.P.H. of unknown origin	1		4		5	3	2
5. Foetal abnormalities	7	5.04%	15	18.99%	20	16	4
Multiple congenital anomalies	1		3		4	3	1
Anencephaly	4		1		5	3	2
Hydrocephaly	2		—		2	2	—
Congenital heart disease	—		7		6	5	1
Exomphalos	—		1		1	1	—
Oesophageal atresia and Imperforate anus	—		1		—	—	—
Achondroplasia	—		1		1	1	—
Jejunal atresia	—		1		1	1	—
6. Miscellaneous	14 (2)	12.08%	7	8.86%	21 (2)	18 (2)	3
Hydrops foetalis	8 (2)		2		10 (2)	9 (2)	1
Syphilis	2		—		2	2	—
Intrauterine pneumonia	1		—		1	1	—
Pre-diabetic	3		—		3	1	2
Diabetic	—		1		1	1	—
Meconium ileus	—		1		1	1	—
Pneumonia	—		3		3	3	—

* Excluding 3 babies from N.N.D. because babies died after 7 days.

** Including one B.B.A. baby whose body weight was unknown.

Including four E.B.A. babies.

+ There may be more than one causes which contribute to the death of baby.

() Figure in brackets indicates number of twin babies.

SUMMARY OF FOETAL LOSS (Continued)

BIRTH WEIGHT:—

<i>Birth Weight (grams)</i>	<i>Foetal Loss</i>		
	<i>S.B.</i> <i>No. of cases</i>	<i>N.N.D.</i> <i>No. of cases</i>	<i>P.N.D.</i> <i>No. of cases</i>
1,000 — 1,500	10	17	27
1,501 — 2,000	15	19	33
2,001 — 2,500	23	12	35
2,501 — 3,000	22	13	34
3,001 — 3,500	17	5	22
3,501 — 4,000	3	5	7
4,001 — 4,500	—	—	—
4,501 & over	4	—	4
Unknown	1	—	1

METHOD OF DELIVERY:—

<i>Method of delivery</i>	<i>Foetal loss</i>		
	<i>S.B.</i> <i>No. of cases</i>	<i>N.N.D.</i> <i>No. of cases</i>	<i>P.N.D.</i> <i>No. of cases</i>
Spontaneous	62	49	109
Vacuum extraction	11	—	11
Low forceps	1	3	4
Mid forceps	1	—	1
Breech delivery (including cases where L.F. for A.C.H.)	9	8	16
Caesarean Section... ..	10	11	21
Laparotomy & total hysterectomy ...	1	—	1

TABLE 37

PREMATURE LIVE-BORN INFANTS

Total No. of cases	552
Booked	474
Non-booked	78
Primiparae	256
Multiparae	296
Multiple pregnancies	(one twin) 22
	(both twins) 28
	(triplets) 1
Incidence (per 1,000 L.B.)	83.78
N.N.D.	42
Neo-natal mortality rate (per 1,000)...	76.09

CAUSES OF DEATH IN PREMATURE INFANTS:—

	<i>No. of cases</i>
Atelectasis (including hyaline membrane disease)	32
Congenital anomalies	6
Birth trauma	2
Bronchopneumonia	1
Diabetic baby	1

MATURITY (WEEKS):—

<i>Maturity</i>	<i>No. of cases</i>	<i>N.N.D.</i> <i>(loss per 1,000)</i>
Under 32 wks.	64	18 (281.25)
32 — 33 wks.	47	9 (191.49)
34 — 35 wks.	105	8 (76.19)
36 — 37 wks.	111	4 (36.04)
38 — 39 wks.	136	— (0)
40 — 41 wks.	70	1 (14.29)
42 wks. & over	12	— (0)
Unknown	7	2 (285.71)

BIRTH WEIGHT (GRAMS):—

	<i>No. of cases</i>	<i>N.N.D.</i> <i>(loss per 1,000)</i>
1,000 — 1,500	26	14 (538.46)
1,501 — 2,000	87	18 (206.90)
2,001 — 2,500	439	10 (22.78)

TABLE 38

CONGENITAL MALFORMATIONS

	<i>Booked</i>	<i>Non-booked</i>	<i>Total</i>
Total No. of cases	60	10	70
Incidence (per 1,000 L.B. & S.B.)...	—	—	10.62
Among live births	55	5	60 (0.92%)
Among stillbirths	5	5	10 (10.53%)
Among premature live births ...	10	2	12 (2.17%)
Among neo-natal deaths	19	3	22 (30.99%)

TYPES OF MALFORMATIONS*:-

	<i>No. of cases</i>
Deformity of limbs	26
Congenital heart disease	12
Anencephaly	5
Harelip and cleft palate	4
Deformity of ears	4
Mongolism	4
Cleft palate	2
Hydrocephaly	2
Haemangioma	2
Papillomatous growth	2
Diaphragmatic hernia	2
Atresia of duodenum and ileum	2
Hypospadias	1
Hydrocoele	1
Intersex	1
Exomphalos... ..	1
Fibrolipoma over sacrum	1
Webbed neck	1
Spina bifida	1
Foetal monster	1

* More than one type of malformation may be present.

TABLE 39
BIRTH TRAUMA*

Total No. of cases Incidence	Method of delivery							Spontaneous breach	Breech extraction	Caesarean Section
	Type of Trauma	Spontaneous	Vacuum Extraction	Mul. forceps and low forceps	Assisted breach (including L.F. for A.C.H.)	Spontaneous breach	Breech extraction				Caesarean Section
20										3.03 per 1,000 L.B. & S.B.
	Cephalhaematoma	3	2	1	1	1	—	—	—	
	Fracture of clavicle	—	—	—	—	2	—	—	—	
	Intracranial haemorrhage	2	—	—	—	1	—	—	1	
	Abrasion of skin	—	—	—	2	—	—	—	1	
	Liver laceration	—	1	1	—	—	—	—	—	
	Tentorial tear	1	—	—	—	—	—	—	—	
	Brachial plexus palsy	—	1	—	—	—	—	—	—	
	Among live births					17			3	20(0.31%)
	Among stillbirths					1			1	2(2.11%)
	Among neo-natal deaths					3			2	5(7.04%)
	Among premature live births					3			1	4(0.73%)

* Cases of asphyxia not included.

TABLE 40

NEO-NATAL INFECTIONS

Total No. of cases	212
Incidence (per 1,000 L.B.)	32.65
N. N. D.	3
Neo-natal mortality rate (per 1,000)	13.10

TYPES OF INFECTIONS:—

Umbilical sepsis (including moist cord)	90
Conjunctivitis	82
Skin sepsis	28
Pneumonia	6
Thrush infection of oral cavity	4
Ophthalmia neonatorum	1
Septic finger	1

TABLE 41

NEO-NATAL JAUNDICE

Total No. of cases	283
Incidence (per 1,000 L.B.)	43.58
No. of cases with known cause	108(38.16%)

<i>Causes if known</i>	<i>No. of cases</i>	<i>Exchange Transfusion</i>	<i>N.N.D.</i>
Infection	50	—	—
Glucose-6-phosphate dehydrogenase deficiency	29	—	—
A.B.O. incompatibility	29	5	—
Unknown	175	2	—

X-RAY DEPARTMENT STATISTICS

<i>Month</i>	<i>Chest</i>	<i>Bones</i>	<i>Abdomen</i>	<i>Pelvimetry</i>	<i>Direct Placentalography</i>	<i>Hysterosal-pyngography</i>	<i>Intravenous Urography</i>	<i>Cervicography</i>	<i>Screening</i>	<i>Barium Meal</i>	<i>Dead Foetus</i>
Jan.	421	1	18	119	9	1	6	1	—	—	—
Feb.	601	1	17	141	9	4	1	—	—	—	—
Mar.	563	6	17	116	8	3	1	—	—	—	—
Apr.	694	4	9	89	7	5	—	1	—	—	—
May	793	11	25	96	9	3	—	—	—	—	—
June	617	7	17	74	3	—	—	—	1	—	1
July	652	3	16	72	4	2	—	—	—	—	1
Aug.	628	9	8	72	7	4	—	—	—	—	—
Sept.	592	3	13	78	9	—	3	—	—	—	—
Oct.	576	9	12	68	3	—	—	—	—	—	—
Nov.	441	5	17	70	6	—	1	—	—	—	2
Dec.	444	11	11	78	3	2	—	—	—	1	—
Total	7,022	70	180	1,073	77	24	12	2	1	1	4

