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**THE UNIVERSITY
OF HONG KONG**



2003
CLINICAL REPORT

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*Department
of
Obstetrics and Gynaecology*



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MESSAGE FROM THE HEAD OF THE DEPARTMENT

The year 2003 is a challenging year for Hong Kong and its health care professionals. Between March and June 2003, Hong Kong was affected by a new and serious viral infection called Severe Acute Respiratory Syndrome (SARS.). To cope with SARS, some of our staff members have to be deployed to work in the medical wards. Many elective operations and consultations were postponed. This has affected the workload statistics for 2003.

In 2003, we have introduced the service of early pregnancy assessment clinic and we have expanded the service of per-operative assessment clinics. In obstetrics, we have also encouraged early discharge after Caesarean section. All these measures have served to reduce the average length of hospital stay.

Compared to 2002, the total number of deliveries in 2003 was similar and the Caesarean section rate was increased by 1.4%. The overall perinatal mortality rate in 2003 was higher than that in 2002. The increase is mainly due to an increase in the number of stillbirths. Of the 23 stillbirths, five were non-booked cases and nine occurred between 24 and 26 weeks' gestation. The total number of minor and endoscopic operations in 2003 was decreased by about 20% while that of major operations was similar.

I would like to thank Dr. KY Leung for compiling this annual report. I would also like to thank the following colleagues for their contribution: Ms Amy Chow of Information Technology Department of the Hospital Authority and Dr. Ben Chan (for the obstetric statistics), Dr. Ivy Li (for the neonatal and outpatient statistics), Dr. YM Chan and Dr. W. Lau (for the general gynaecology statistics), Dr. Karen Chan (for the oncology statistics), Dr. O.S. Tang (for the menopause clinic statistics), Dr. E. Ng (for the reproductive medicine statistics), Ms Pamela Chau (for retrieval of general gynaecology data), and Ms Miranda Tang (for the typing of the report).

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CONTENTS

List of medical staff	1
Obstetrics	
Comparative statistics	6
Intervention rates & perinatal mortality	7
Statistical summary	8
Patients characteristics	9
Genitourinary congenital anomaly, cardiac diseases, diabetes mellitus	10
Blood/renal/liver/respiratory/gastrointestinal/gall bladder diseases, epilepsy and other neurological diseases	11
Psychiatric/immunological/thyroid/surgical/malignant and sexually transmitted diseases	12
Other infection and other associated diseases	13
Hypertension in pregnancy	14
Antepartum haemorrhage	15
Preterm labour	16
Multiple pregnancy	17
Postpartum haemorrhage, manual removal of placenta	18
Postpartum anaemia	19
Puerperal pyrexia and other complications	20
Induction of labour	21
Indications for induction	22
Types of labour	23
Obstetric analgesia during labour	24
Pregnancy following previous caesarean sections	25
Breech presentation	26
Malpresentation other than breech presentation	27
Prolapse and presentation of umbilical cord	28
Mode of operative delivery	29
Indications for assisted delivery	30
Apgar score at birth versus mode of delivery	31
Perinatal data	32
Summary of fetal loss	33
Fetal loss/survival versus gestational age	34
Fetal loss/survival versus birth weight	35
Outcome of VLBW babies and functional maturity	36
Causes of stillbirths	37
Causes of neonatal deaths	38
Birth trauma	39
Congenital malformations	40
Other neonatal complications	42

Gynaecology	
Comparative statistics	44
Admissions to gynaecological wards	45
Outpatients statistics	46
Admissions and discharges statistics	49
Statistical summary	50
Diagnosis	
diseases of vulva, perineum, urethra/vagina	52
diseases of uterine cervix/uterine body/fallopian tubes	53
diseases of ovary	54
diseases of broad ligaments and pelvic peritoneum/menstruation; genital displacement and urinary problems	55
disorders of pregnancy and reproduction	56
complications in pregnancy	57
miscellaneous gynaecological/miscellaneous conditions	58
Treatment	
major abdominal surgery for benign conditions	59
major abdominal surgery for malignant conditions	60
major vaginal/major vulval operations and endoscopic procedures	61
colposcopy related/assisted reproduction procedures	62
minor abdominal operations	63
other minor operations	64
radiotherapy, other forms of treatment	65
List of Abbreviations	66

Associate Consultants/Senior Medical Officers, Specialists in Obstetrics & Gynaecology :

Dr. C.T. Lau	M.B.,B.S. (H.K.); M.R.C.O.G.; F.H.K.A.M. (O&G) ; F.H.K.C.O.G.
Dr. W.C. Leung	M.B.,B.S. (H.K.); M.R.C.O.G.; F.H.K.A.M. (O&G) ; F.H.K.C.O.G.
Dr. F.O.S. Tang	M.B.,B.S. (H.K.); M.R.C.O.G.; F.H.K.A.M. (O&G) ; F.H.K.C.O.G.

Assistant Professor (Non-Clinical)

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----------------	------------------

Assistant Professors & Medical Officers, Specialists in Obstetrics & Gynaecology :

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Dr. E. Hon	B.Sc., M.B.,B.S. (Lond.); M.R.C.O.G. F.H.K.A.M. (O&G); F.H.K.C.O.G.
Dr. H.S.W. Lam	M.B.,B.S. (H.K.); M.R.C.O.G.; F.H.K.A.M. (O&G) ; F.H.K.C.O.G.
Dr. K.W. Lam	M.B.,B.S. (H.K.); M.R.C.O.G.; F.H.K.A.M.(O&G); F.H.K.C.O.G. (from August 2003)
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Dr. T.W. Leung	M.B.,B.S. (H.K.); M.R.C.O.G.; F.H.K.A.M. (O&G); F.H.K.C.O.G. (from February 2003)
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Dr. A. Kan	M.B.,B.S. (H.K.); M.R.C.O.G.
Dr. K.W. Lam	M.B.,B.S. (H.K.); M.R.C.O.G. (till July 2003)
Dr. T.W. Leung	M.B.,B.S. (H.K.); M.R.C.O.G. (till January 2003)
Dr. I. Li	M.B.,B.S. (H.K.); M.R.C.O.G. (till July 2003)
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Dr. N. Shek	M.B.B.S. (H.K.)
Dr. K.Y. Tse	M.B.B.S. (H.K.)

Dr. Z.L. Wang
Dr. K.Y. Xie

M.D. (Guangzhou) (from March 2003)
M.D. (Shanghai) (from February 2003)

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F.H.K.A.M. (Anaes.); F.F.A.R.A.C.S.;
F.H.K.C.A.

Dr. S.N.R. Chan

M.B.,B.S. (Ade); F.A.N.Z.C.A.;
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Dip Pain Mgt (HKCA)

Consultant Dermatologist :

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Consultant Paediatricians :

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F.H.K.A.M. (Paed.); F.H.K.C Paed;
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Dr. N.S. Tsoi

M.B.,B.S. (H.K.); D.C.H. (Lond.);
M.R.C.P. (U.K.); F.H.K.A.M. (Paed.);
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Consultant Pathologists :

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F.R.C.V.S.; F.R.S.M.; F.R.C.Path.

Consultant Physician :

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F.H.K.A.M. (Med.);

Consultant Psychiatrist :

Professor S.W. Tang

M.B.B.S.; M.B.A.; PhD; F.R.C.P. (C)
Dip Am Board (Psychiatry)

Consultant Radiologist :

Dr. L.L.Y. Leong

M.B.,B.S. (H.K.); D.M.R.D.(London); F.R.C.R.(Eng);
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Consultant Surgeon :

Professor J. Wong

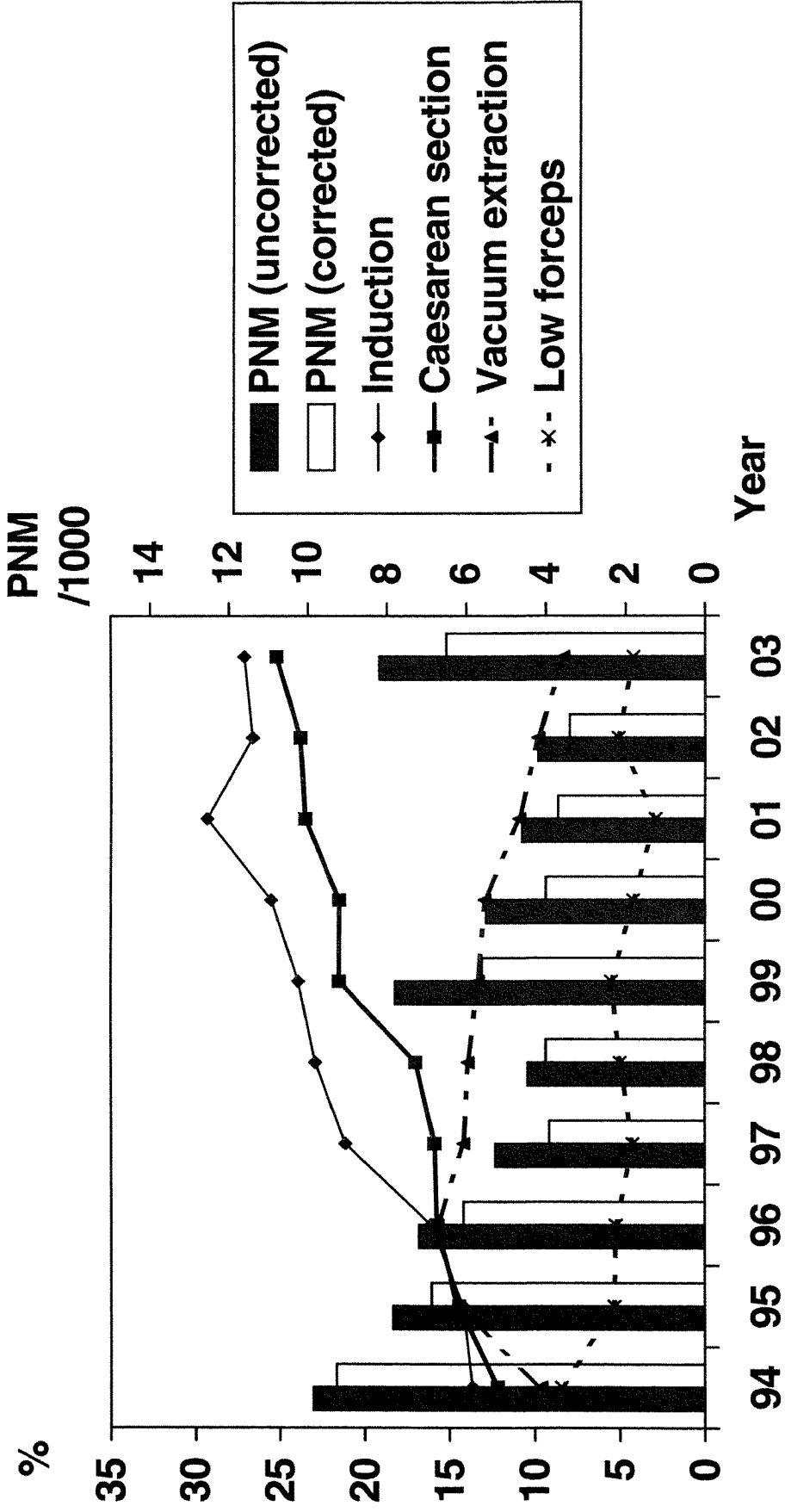
B.Sc. (Med); M.B.,B.S., Ph.D., M.D. (Syd. Hon);
F.R.A.C.S.; F.R.C.S. (Edin.); F.A.C.S. (Hon.)

OBSTETRICS

COMPARATIVE STATISTICS (1994 - 2003)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
TOTAL PATIENTS DELIVERED	5108	5023	5205	4861	4434	4399	4630	4006	3500	3481
PRIMIPARAE	2712	2597	2747	2555	2435	2585	2746	2285	1942	1967
MULTIPARAE	2396	2426	2458	2306	1999	1814	1884	1721	1558	1514
PREGNANCY INDUCED HYPERTENSION	159	136	150	106	139	119	95	92	110	88
ECLAMPSIA	4	1	1	3	1	2	2	0	4	1
ACCIDENTAL HAEMORRHAGE	24	20	33	32	16	7	6	10	10	10
PLACENTA PRAEVIA	28	46	54	45	36	39	41	48	47	45
POSTPARTUM HAEMORRHAGE	241	158	140	117	80	110	106	72	45	47
INDUCTION OF LABOUR(%)	13.7	14.2	16.1	21.1	22.9	23.9	25.5	29.3	26.6	27.1
VACUUM EXTRACTION(%)	9.6	14.5	15.7	14.2	13.9	13.3	12.9	10.9	9.8	8.3
FORCEPS DELIVERY(%)	8.4	5.3	5.2	4.3	5.0	5.5	4.2	2.9	5.1	4.2
CAESAREAN SECTION(%)	12.2	14.4	15.8	15.9	17.0	21.5	21.5	23.5	23.8	25.2
MATERNAL DEATHS	2	1	2	0	0	1	1	0	1	0
INFANTS BORN IN HOSPITAL	5137	5063	5249	4914	4481	4473	4704	4065	3563	3536
INFANTS BORN BEFORE ADMISSION	28	24	26	16	18	14	9	10	4	14
TOTAL INFANTS BORN	5165	5087	5275	4930	4499	4487	4713	4075	3567	3550
STILLBIRTH RATE (PER 1000 TOTAL DELIVERIES)	5.8	4.9	4.2	4.1	2.9	5.4	4.5	2.5	3.6	6.5
NEONATAL DEATH RATE (PER 1000 LIVEBIRTHS)	5.3	4.2	3.8	1.4	1.6	2.7	1.5	2.2	1.1	2.0
PERINATAL DEATH RATE (PER 1000 LIVEBIRTHS)	9.9	7.9	7.2	5.3	4.5	7.8	5.5	4.7	4.2	8.2
CORRECTED PERINATAL DEATH RATE (EXCLUDING NON-BOOKED CASES WITH IUD ON ADMISSION)	9.3	6.9	6.1	3.9	4.0	5.6	4.0	3.7	3.4	7.0

INTERVENTION RATES & PERINATAL MORTALITY 1994-2003



STATISTICAL SUMMARY

	Tsan Yuk Hospital	Queen Mary Hospital
Obstetric Clinic Attendance		
Antenatal new cases	3283	283
Antenatal follow-up cases	11849	2190
Postnatal cases*	794	-
Postnatal follow-up cases	271	176
Combined diabetic clinic	-	1042
Combined medical clinic	-	1607
Private	-	370
Second Trimester Routine Scan	2060	-
Day Centre Attendance		
Cardiotocogram	536	62
Oral glucose tolerance test	3014	360
Sugar profile	560	-
Blood pressure monitoring	79	-
Removal of stitches	-	2222
Wound inspection	-	270
Miscellaneous	6653	616
Deliveries		3481
Booked		3063
Primiparae		1732
Multiparae		1331
Non-booked		418
Primiparae		235
Multiparae		183

* Patients without complications were referred to Maternal Child Health Centres for follow up

PATIENTS CHARACTERISTICS

		Number	%
Ethnic origin:	Chinese	2989	85.87
	Non-Chinese	492	14.13
Average Age (yr.):	Primiparous	29.11	
	Multiparous	32.32	
	Total	30.50	
		Number	%
Parity at booking:	Primiparous	1967	56.51
	Multiparous	1514	43.49
Average height(cm):		157	
Average pre-pregnant weight(kg):		60	
		Number	%
Education level:	None	47	1.35
	Primary	310	8.91
	Secondary	2270	65.21
	Tertiary	793	22.78
		Number	%
Smoking habit:	Nonsmokers	3408	97.90
	=<20 per day	72	2.07
	>20 per day	1	0.03
Family income(HK dollars*1000):			40.50

CONGENITAL ANOMALY OF GENITAL AND URINARY TRACT

Total number of cases	5
Incidence (%)	0.14

CARDIAC DISEASES

Total number of cases	69
Incidence (%)	1.98

	Number	%
Rheumatic heart disease	3	0.09
Congenital heart disease	12	0.34
Mitral valve prolapse	10	0.29
Arrhythmia	7	0.20
Others	37	1.06

GESTATIONAL DIABETES* & PRE-EXISTING DIABETES MELLITUS

	Gestational DM* IGT#	DM#	Pre-existing DM
Total number of cases	289	38	7
Incidence(%)	8.30	1.09	0.20
Total no of babies	298	42	7
Incidence of CS	94	24	0
Stillbirth	1	0	0
Neonatal death	0	0	0
Perinatal death	1	0	0
Large for date babies (%)	33 11.07	3 7.14	0 0.00
Small for date babies (%)	27 9.06	9 21.43	1 14.29

* According to the International Workshop Conference on Gestational Diabetes

According to WHO criteria (1980)

BLOOD DISORDERS

	Number	%
Anaemia	203	5.83
Iron deficiency	30	0.86
Alpha-thalassaemias	66	1.90
Beta-thalassaemias	38	1.09
Fe def. & thalassaemias	2	0.06
Others	137	3.94

RENAL DISEASES

Total number of cases	7
Incidence (%)	0.20

LIVER DISEASES

Total number of cases	4
Incidence (%)	0.11

RESPIRATORY DISEASES

Total number of cases	18
Incidence (%)	0.52

GASTROINTESTINAL/GALL BLADDER DISEASES

Total number of cases	1
Incidence (%)	0.03

EPILEPSY

Total number of cases	11
Incidence (%)	0.32

OTHER NEUROLOGICAL DISEASES

Total number of cases	3
Incidence (%)	0.09

PSYCHIATRIC DISEASES

Total number of cases	19
Incidence (%)	0.55

AUTOIMMUNE DISEASES

Total number of cases	10
Incidence (%)	0.29

THYROID DISEASES

Total number of cases	47
Incidence (%)	1.35

SURGICAL DISEASES

Total number of cases	4
Incidence (%)	0.11

MALIGNANT DISEASES

Total number of cases	0
Incidence (%)	0.00

SEXUALLY TRANSMITTED DISEASES

Total number of cases	11
Incidence (%)	0.32

Types	Cases
Syphilis	0
Gonorrhoea	0
Herpes	3
Condyloma acuminata	0
Chlamydia	4
Combination of above/others	2

OTHER INFESTATIONS/INFECTIONS

Total number of cases	236
Incidence (%)	6.78

Types	Cases
Moniliasis	100
Trichomoniasis	6
Combination/others	130

OTHER ASSOCIATED CONDITIONS

	Cases	%
Hyperemesis gravidarum	0	0.00
Skin diseases	2	0.06
Kyphoscoliosis	1	0.03
Incompetent os	6	0.17
Drug addiction	3	0.09
Rhesus negative mothers	36	1.03
Others	80	2.30

HYPERTENSION IN PREGNANCY*

Total number of cases	124
Incidence (%)	3.56
Primiparous	74
Multiparous	50

Type	Cases	Induced labour	Caesarean# section	SB#	NND#	PND#
Gestational HT	49	26	23	0	0	0
G. Proteinuria	7	4	2	0	0	0
G. P. HT	22	14	25	2	0	2
Chronic HT	13	3	8	0	0	0
C. HT with PET	3	1	2	0	0	0
Unclassified HT/P	19	10	10	0	0	0
Eclampsia	1	0	1	0	0	0

Perinatal Mortality = 15.7 /1000 total births

*according to Davey & MacGillivray(1988)

#No. of babies

ANTEPARTUM HAEMORRHAGE

Total number of cases	156
Incidence (%)	4.48

Mode of delivery of fetus versus types of antepartum haemorrhage*

Mode of delivery	Placenta praevia	Accidental haemorrhage	APH of ? origin	Extra placental
Spontaneous	2	5	50	3
Vac. extract.	0	0	4	0
Low forceps	1	0	3	0
Vag. Breech	0	1	2	0
Elective CS	17	0	8	1
Emergency CS & oth	26	4	28	5
Total	46	10	95	9

* There may be more than one cause for antepartum haemorrhage in a patient

Outcome of fetus versus causes of antepartum haemorrhage*

Outcome	Placenta praevia	Accidental haemorrhage	APH of ? origin	Extra placental
Stillbirth	1	1	2	0
NN death	1	0	0	0
PN death	2	1	2	0

*No of babies

PRETERM DELIVERIES

Total number of cases			250
Incidence (%)			7.04
Parity	Total	Cases	%
Primiparous	2014	147	7.30
Multiparous	1536	103	6.71
Outcome		Cases	Rate (per 1000)
Stillbirth-ante partum		13	52.00
Stillbirth-intra partum		3	12.00
Stillbirth-undetermined		2	8.00
Neonatal death		4	16.00
Perinatal death		22	88.00
Mode of delivery		Cases	%
Spontaneous vaginal delivery		106	42.40
Vacuum extraction		2	0.80
Low forceps		8	3.20
Vaginal breech delivery		14	5.60
Elective caesarean section		15	6.00
Emergency CS & others		105	42.00
Birth weight		Cases	%
<2500 g		134	53.60
<1500 g		39	15.60
<1000 g		28	11.20
Number of pregnancies	Total	Cases	%
Singleton	3411	194	5.69
Multiple pregnancies	139	56	40.29

NEONATAL COMPLICATIONS

	Cases	%
Admission to ICU >24 hours	44	17.6
Congenital abnormality	9	3.6
Major infection	5	2.0
Respiratory distress syndrome	28	11.2
Intraventricular haemorrhage	22	8.8
Necrotising enterocolitis	7	2.8

MULTIPLE GESTATION

Total cases	70
Incidence (%)	2.01
Primiparous	48
Multiparous	22
Twins	69
Triplets	1
Quadruplets & higher order	0
Total number of babies	139
Preterm < 37 weeks	56
> = 37 weeks	83
Induced labour	7
Incidence of induced labour	10.00

Mode of delivery versus number of babies

	1st baby	2nd baby	3rd baby
Spontaneous vaginal	15	5	0
Vacuum extraction	0	2	0
Low forceps	2	2	0
Vaginal breech delivery	0	5	0
Other vaginal delivery	0	0	0
Caesarean section & others	53	54	1

Outcome of fetus versus number of babies

	1st baby	2nd baby	3rd baby
Livebirths	68	67	1
Stillbirth - antepartum	2	1	0
Stillbirth - intrapartum	0	0	0
Stillbirth - undetermined	0	0	0
Neonatal death	0	2	0
Perinatal death	2	3	0

POSTPARTUM HAEMORRHAGE

Total number of cases	47
Incidence (%)	1.35
Primiparous	29
Multiparous	18

Types	Cases	%
Primary PPH	43	1.24
Secondary PPH	4	0.11

Causes of Primary PPH

Causes	Cases
Uterine atony	24
Retained gestational product	11
Ruptured uterus	0
Cervical tear	3
Vaginal tear	2
Perineal wound	1
Genital haematoma	4
Uterine inversion	0
Consumptive coagulopathy	0
Others	3

Causes of Secondary PPH

Causes	Cases
Retained gestational product	2
Genital tract infection	1
Others	1

MANUAL REMOVAL OF PLACENTA

Total number of cases	28
Incidence (%)	0.80

POSTPARTUM ANAEMIA*

	Total	Cases	Incidence(%)
Primiparous	1967	346	17.59
Multiparous	1514	218	14.40
Total	3481	564	16.20

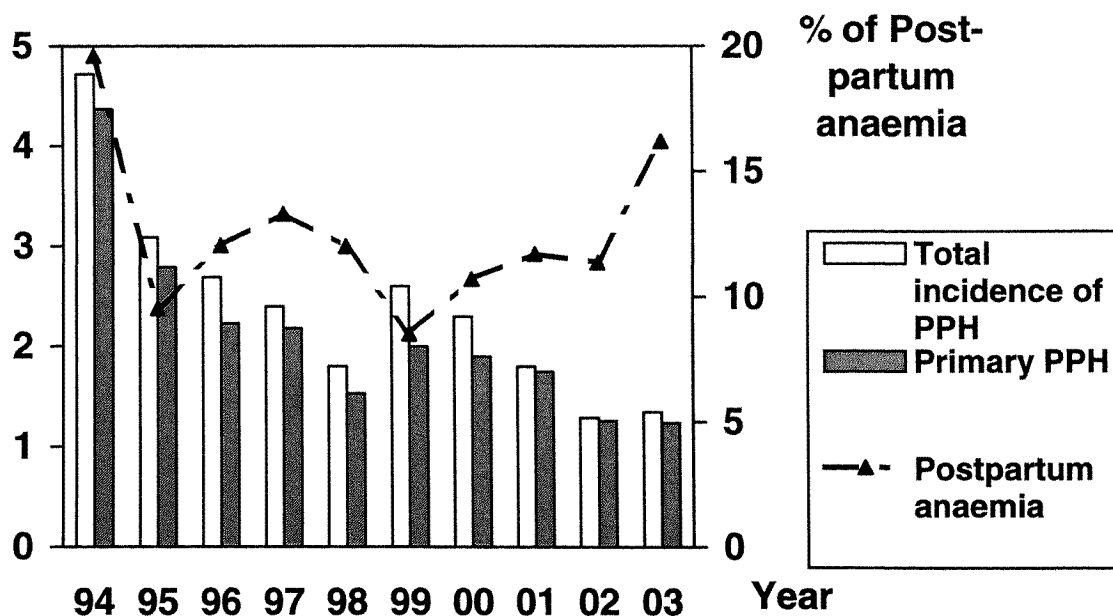
Mode of delivery#	Total	Cases	Incidence(%)
Spontaneous vaginal	2194	341	15.54
Vacuum extraction	296	66	22.30
Low forceps	150	39	26.00
Vaginal breech	16	1	6.25
Elective CS	293	25	8.53
Emergency CS & others	601	97	16.14

*Patients with normal haemoglobin level (>10g%) before delivery but found to be anaemic (<10g%) after delivery.

#No of babies

POSTPARTUM HAEMORRHAGE and POSTPARTUM ANAEMIA

% of
PPH



PUERPERAL PYREXIA

Total number of cases	61
Incidence (%)	1.75
Primiparous	41
Multiparous	20

Causes	Cases
Reactionary	0
Breast problem	3
Urinary tract infection	3
Genital tract infection	6
Wound infection	1
Other causes	5
Unknown	44

Mode of delivery	Total*	Cases*	Incidence(%)
Spontaneous vaginal	2194	20	0.91
Vacuum extraction	296	3	1.01
Low forceps	150	1	0.67
Vaginal breech	16	0	0.00
Elective caesarean section	293	8	2.73
Emergency CS and others	601	29	4.83

*No of babies

OTHER COMPLICATIONS

	Cases	%
Third degree tear	7	0.20
Other genital tract trauma	5	0.14
Ruptured uterus without PPH	0	0.00
Hysterectomy	2	0.06

INDUCTION OF LABOUR

Total number of cases			942
Incidence (%)			27.06
Parity	Total	Cases	Incidence(%)
Primiparous	1967	666	33.86
Multiparous	1514	276	18.23
Outcome of babies		Cases	
Stillbirth - antepartum		8	
Stillbirth - intrapartum		2	
Stillbirth - undetermined		2	
Neonatal deaths		0	
Perinatal deaths		12	
Mode of delivery		Cases	%
Spontaneous vaginal		530	55.85
Vacuum extraction		118	12.43
Low forceps		50	5.27
Vaginal breech		3	0.32
Caesarean section		248	26.13
Total*		949	
Outcome of Induction#		Cases	%
Successful		744	78.98
Failure		198	21.02

*No of babies

#Failure of induction is defined as absence of progressive cervical dilatation resulting from uterine contractions.

Indications for induction*

Indications	Primiparae	Multiparae
Diabetes/impaired glucose tolerance	16	12
Maternal disease	7	2
Bad obstetric history	0	2
Past term	153	72
Hypertension ass. with pregnancy	25	17
Premature rupture of membranes	254	118
Antepartum haemorrhage	5	5
Multiple pregnancy	2	2
Suspected IUGR	15	5
Intrauterine death	5	4
Fetal anomaly	1	0
Suboptimal Cardiotocogram	45	23
Social reason	0	0
Others	126	28

*There may be more than 1 indication for the induction of labour in a patient

Induction delivery interval (mean) 8.82 hours

Induction delivery interval in whole group

	Number	%
1-10 hours	593	62.49
11-20 hours	345	36.35
>20 hours	11	1.16

TYPES OF LABOUR

Outcome of fetus versus types of labour

Type	not in labour	spon. onset	augmented labour	induced labour	total
Total births	513	1928	160	949	3550
Stillbirth rate/1000	1 1.95	10 5.19	0 0.00	12 12.64	23 6.48
NN death rate/1000	3 5.85	4 2.07	0 0.00	0 0.00	7 1.97
PN death rate/1000	4 7.80	13 6.74	0 0.00	12 12.64	29 8.19

Mode of delivery versus types of labour

Mode of delivery	not in labour	spon. onset	augmented labour	induced labour	total
Total births	0	1928	160	949	3550
Spontaneous vaginal (%)	0 0.00	1594 82.68	70 43.75	530 55.85	2194 61.80
Vacuum extract (%)	0 0.00	143 7.42	35 21.88	118 12.43	296 8.34
Low forceps (%)	0 0.00	89 4.62	11 6.88	50 5.27	150 4.23
Vaginal breech (%)	0 0.00	12 0.62	1 0.63	3* 0.32	16 0.45
CS & others (%)	513 100.00	90 4.67	43 26.88	248 26.13	894 25.18

*Of the six vaginal breech deliveries, four were second twin and two were stillbirth.

OBSTETRIC ANALGESIA DURING LABOUR

Patients with Intrapartum Epidural	416	
Primiparous	353	
Multiparous	63	
Epidural Rate	11.95	
	Number	%
Number with induction of labour	250	60.10
Mode of delivery	Number	%
Normal spontaneous	160	38.00
Vacuum extraction	84	19.95
Forceps delivery	40	9.50
Vaginal breech delivery	3	0.71
Caesarean section	134	31.83
Duration of first and second stages (in minutes)	First	Second
Without epidural	179	19
With epidural	268	82

PREGNANCY FOLLOWING PREVIOUS CAESAREAN SECTION

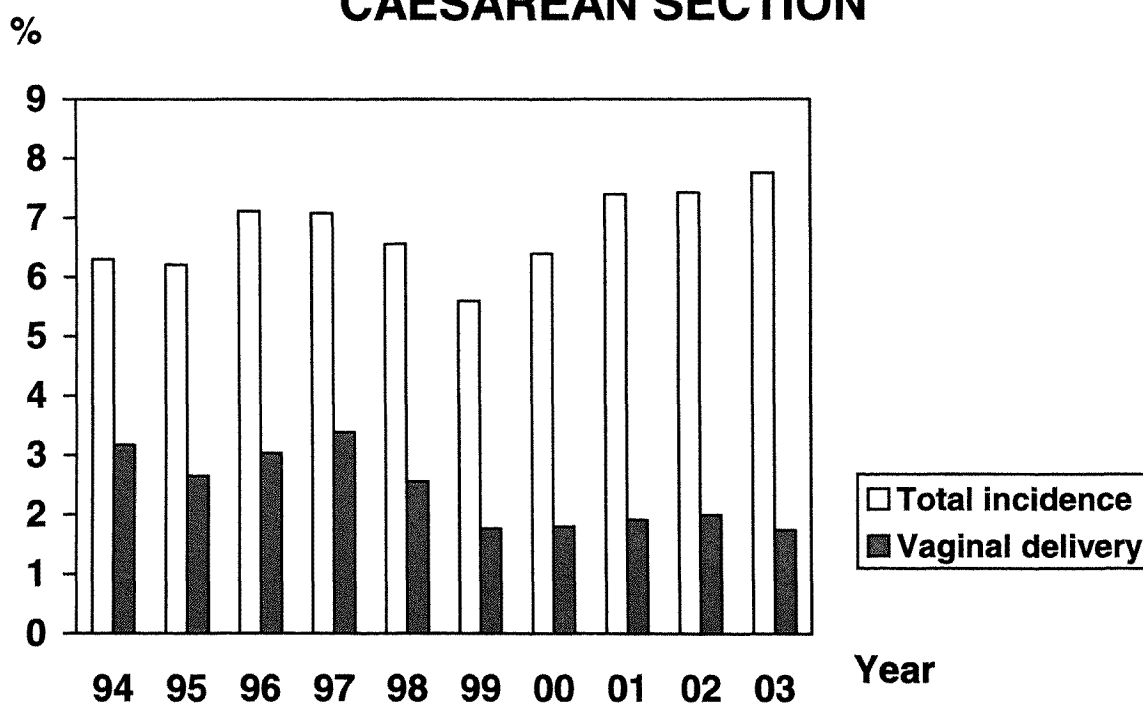
Total number of cases 270
 Incidence (%) 7.76

Outcome of fetus	Cases*	Rate
Stillbirth	2	7.30
Neonatal death	0	0.00
Perinatal death	2	7.30

Mode of delivery	Cases*	%
Spontaneous vaginal delivery	47	17.41
Vacuum extraction	8	2.96
Low forceps	3	1.11
Vaginal breech delivery	3	1.11
Elective caesarean section	137	50.74
Emergency CS & others	76	28.15

*No of babies

PREGNANCY FOLLOWING PREVIOUS CAESAREAN SECTION



BREECH PRESENTATION

At delivery

Total number of cases
Incidence (%)

196
5.52

Parity	Total	Cases	%
Primiparous	2014	122	6.06
Multiparous	1536	74	4.80

Outcome	Cases	Rate (per 1000)
Stillbirth-antepartum	4	20.41
Stillbirth-intrapartum	2	10.20
Stillbirth-undetermined	1	5.10
Neonatal death	0	0.00
Perinatal death	7	35.71

Mode of delivery	Cases	%
Assisted breech delivery	12	6.12
Other vaginal breech delivery	4	2.04
Elective caesarean section	81	41.33
Emergency CS & others	99	50.51

Gestational age at delivery	Total	Cases	%
<37 weeks	250	52	20.80
37-40 weeks	2878	137	4.76
>40 weeks	422	7	1.66

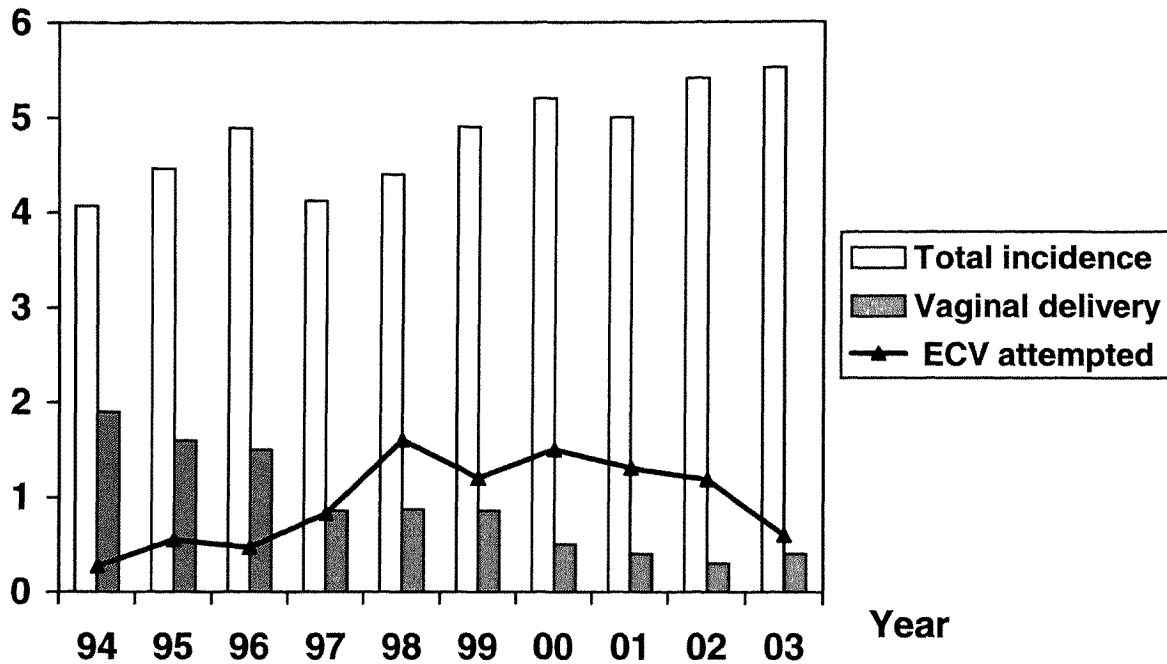
Number of pregnancies	Total	Cases	%
Singleton	3411	153	4.49
Multiple pregnancies	139	43	30.94

External Cephalic Version (ECV)

Parity	Cases	Successful	Successful %
Primiparous	12	5	41.67
Multiparous	9	4	44.44
Total	21	9	42.86

%

BREECH PRESENTATION



MALPRESENTATION OTHER THAN BREECH PRESENTATION*

Total number of cases
Incidence (%)

23
0.65

Mode of delivery	Face/brow	Compound	Transverse
Spontaneous vaginal	0	0	0
Vacuum extraction	0	0	0
Low forceps	0	0	0
Vaginal breech	0	0	0
Elective CS	0	0	11
CS & others	0	0	12
Total	0	0	23

Outcome of fetus	Face/brow	Compound	Transverse
Stillbirth-antepartum	0	0	1
Stillbirth-intrapartum	0	0	0
SB-undetermined	0	0	0
Neonatal death	0	0	1
Perinatal death	0	0	2

*Excluding malposition of occiput.

PROLAPSE & PRESENTATION OF UMBILICAL CORD

Total number of cases			5
Incidence (%)			0.14
Outcome of fetus		Cases	%
Stillbirth - antepartum		0	0.00
Stillbirth - intrapartum		1	20.00
Stillbirth - undetermined		0	0.00
Neonatal death		0	0.00
Perinatal death		1	20.00
Mode of presentation	Total	Cases	%
Vertex	3322	2	40.00
Breech : extended leg(s)	91	0	0.00
flexed legs	96	1	20.00
footling	9	2	40.00
Face/brow	0	0	0.00
Compound	0	0	0.00
Transverse/oblique	23	0	0.00
Others	10	0	0.00
Mode of delivery		Cases	%
Spontaneous vaginal		0	0.00
Vacuum extraction		0	0.00
Low forceps		0	0.00
Assisted breech delivery		1	20.00
Other breech delivery		0	0.00
Caesarean section		4	80.00

MODE OF OPERATIVE DELIVERY

Total number of cases 1340
 Incidence (%) 37.75

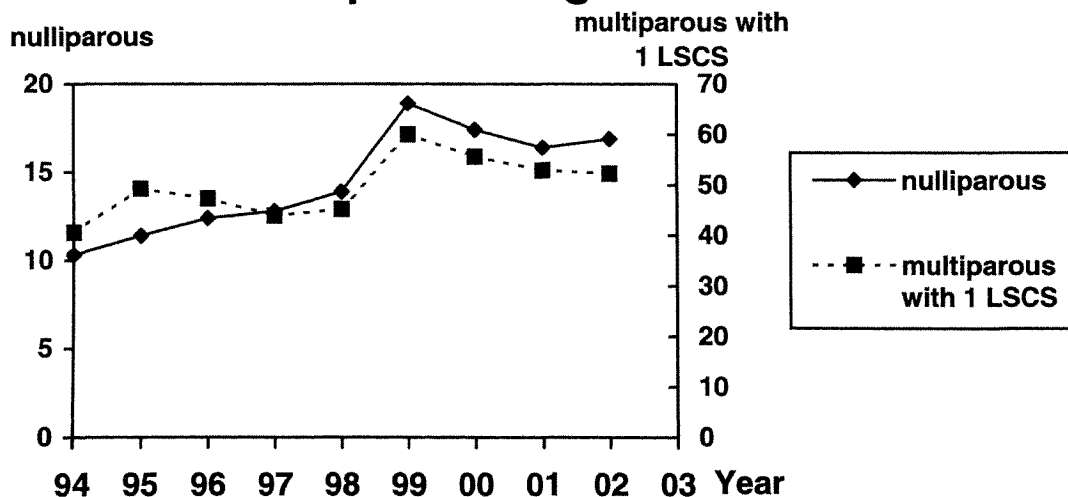
Parity	VE	Forceps	CS
Primiparous	235	129	546
Multiparous	61	21	348
Total	296	150	894
Incidence (%)	8.34	4.23	25.18

Types of abdominal delivery	Number
Elective LSCS	292
Elective classical CS	1
Emergency LSCS	595
Emergency Classical CS	4
Caesarean hysterectomy	2
Others (laparotomy etc.)	0

LSCS in term, singleton, vertex presenting fetuses	Number	CS	%
Nulliparous parturients	1149	329	16.9
Multiparous parturients with 1 previous LSCS	223	117	52.3

Outcome of fetus	VE	LF	Elective CS	Emergency CS & others
Livebirths	296	150	293	599
Stillbirths	0	0	0	2
Neonatal death	0	0	1	3
Perinatal death	0	0	1	4

LSCS rate in term, singleton, vertex presenting fetuses



INDICATIONS FOR ASSISTED DELIVERY*

Indication	VE	LF
Maternal disease	3	1
Maternal distress	4	4
Previous caesarean section	0	0
Obstetric complications	0	0
Fetal distress	92	74
Cord prolapse	0	0
Prolonged second stage	194	76
Others	4	5

INDICATIONS FOR CAESAREAN SECTIONS

Indication	CS
GDM/DM	7
Maternal disease	8
Previous uterine scar	180
Bad obstetric history	1
Antepartum haemorrhage	71
Hypertension	30
Multiple pregnancy	99
Fetal distress	88
Cord prolapse	5
Intrauterine growth retardation	25
Malpresentation/lie	131
No progress	56
Cephalopelvic disproportion	33
Contracted/unfavourable pelvis	1
Failed instrumental delivery	4
Tumour/anomaly	0
Failed induction	137
Elderly/Infertility	1
Suspected macrosomia	2
Social reason	0
Others	140

*There may be more than 1 indications for assisted delivery.

APGAR SCORE AT BIRTH VERSUS MODE OF DELIVERY*

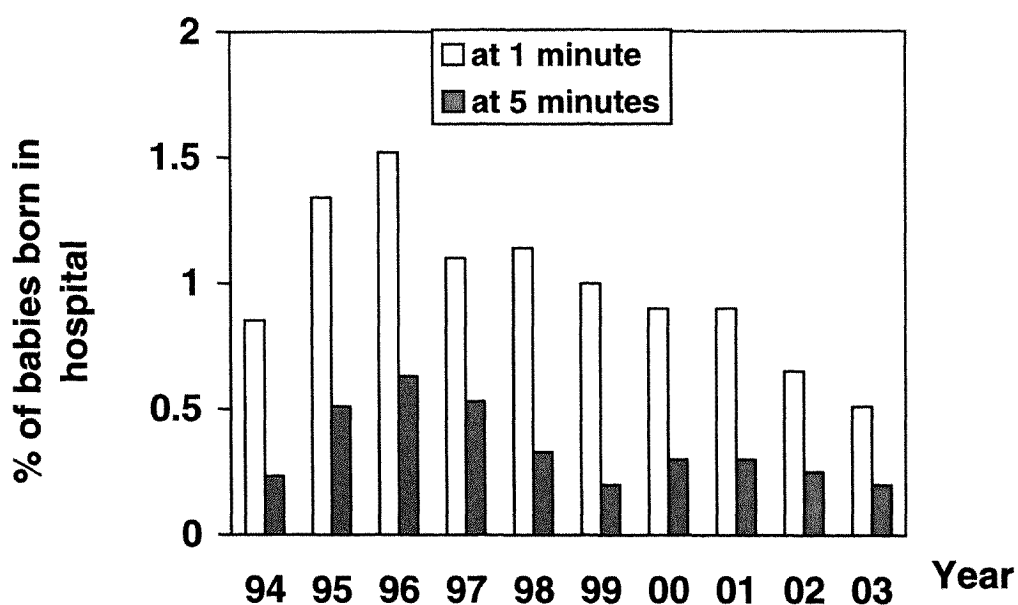
Apgar score at 1 minute

Method of delivery	AS <4	AS 4-6	AS >6	Subtotal
Spontaneous vaginal	3	64	2113	2180
Vacuum extraction	5	34	257	296
Low forceps	0	9	141	150
Vaginal breech	3	4	9	16
Elective CS	0	11	282	293
Emergency CS & others	7	86	508	601
Total	18	208	3310	3536
%	0.51	5.88	93.61	

Apgar score at 5 minute

Method of delivery	AS <4	AS 4-6	AS >6	Subtotal
Spontaneous vaginal	3	2	2175	2180
Vacuum extraction	1	3	292	296
Low forceps	0	0	150	150
Vaginal breech	2	1	13	16
Elective CS	0	0	293	293
Emergency CS & others	1	9	591	601
Total	7	15	3514	3536
%	0.20	0.42	99.38	

NEONATAL ASPHYXIA* (APGAR SCORES LESS THAN 4)



*Excluding babies born before arrival

PERINATAL DATA

Total livebirths & stillbirths	3550
Primiparous	2014
Multiparous	1536
Born before arrival	14
Total livebirths	3527
Primiparous	2004
Multiparous	1523

BASIC INFORMATION

Total birth \geq 500 g	3547
Average birthweight(kg)	3102 (sd=556)
Stillbirth \geq 500 g	22
Early (1st week) neonatal deaths	6
Late (2nd-4th wk) neonatal deaths	1
Total birth \geq 1 kg	3522
Stillbirth \geq 1 kg	15
Early (1st week) neonatal deaths	5
Late (2nd-4th wk) neonatal deaths	1
Stillbirths with lethal malformations	1
Neonatal deaths with lethal malformations	4
Perinatal deaths with lethal malformations	4
Lethal malformation rate per 1000 births	1.41

EXCLUDING LETHAL MALFORMATION (including < 1 kg)

Stillbirth rate per 1000 total births(n=11)	6.20
Neonatal mortality rate /1000 livebirths(n=1)	0.85
Perinatal mortality rate /1000 total births(n=11)	7.04

EXCLUDING BIRTH < 1 kg (including malformation)

Stillbirth rate per 1000 total births(n=11)	4.23
Neonatal mortality rate /1000 livebirths(n=3)	1.70
Perinatal mortality rate /1000 total births(n=13)	5.63

EXCLUDING BIRTH < 1 kg and babies with lethal malformation

Stillbirth rate per 1000 total births(n=10)	3.94
Neonatal mortality rate /1000 livebirths(n=0)	0.57
Perinatal mortality rate /1000 total births(n=10)	4.51

SUMMARY OF FETAL LOSS

		Stillbirths	
	Total	No of	Rate
Total	3550	23	6.48
Booked	3114	17	5.46
Non-booked	436	6	13.76
Primiparous	2014	10	4.97
Multiparous	1536	13	8.46

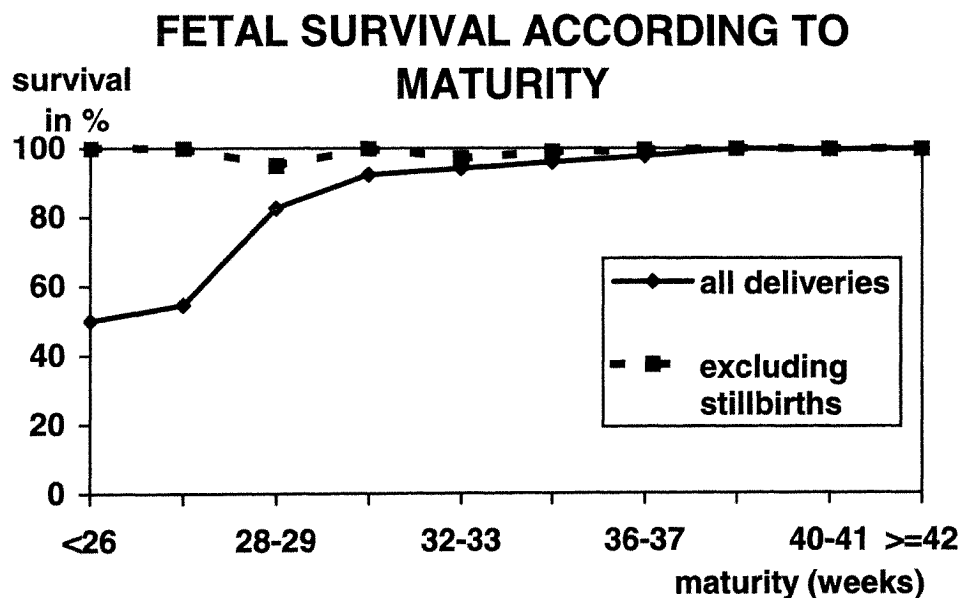
		Neonatal deaths	
	Livebirths	No of	Rate
Total	3527	7	1.98
Booked	3097	5	1.61
Non-booked	430	2	4.65
Primiparous	2004	6	2.99
Multiparous	1523	1	0.66

		Perinatal deaths	
	Total	No of	Rate
Total	3550	29	8.17
Booked	3114	21	6.74
Non-booked	436	8	18.35
Primiparous	2014	16	7.94
Multiparous	1536	13	8.46

FETAL LOSS VERSUS GESTATIONAL AGE*

Gestational age (weeks)	Total births	Live Births	Stillbirth	Neonatal deaths	Perinatal deaths
<26	6	3	3	0	3
rate /1000			500.00	0.00	500.00
26-27	11	6	5	0	5
rate /1000			454.55	0.00	454.55
28-29	23	20	3	1	4
rate /1000			130.43	50.00	173.91
30-31	13	12	1	0	1
rate /1000			76.92	0.00	76.92
32-33	34	33	1	1	2
rate /1000			29.41	30.30	58.82
34-35	99	96	3	1	4
rate /1000			30.30	10.42	40.40
36-37	182	179	3	1	4
rate /1000			16.48	5.59	21.98
38-39	1147	1146	1	0	1
rate /1000			0.87	0.00	0.87
40-41	1984	1981	3	2	4
rate /1000			1.51	1.01	2.02
>=42	50	50	0	0	0
rate /1000			0.00	0.00	0.00
Total	3549	3526	23	6	28

* For this analysis, the gestational age was calculated to the nearest week basing on either a reliable L.M.P. or when this was not available, an early ultrasound dating scan or the postnatal assessment of the newborn with Dubowitz score. Babies with inadequate assessment are excluded.

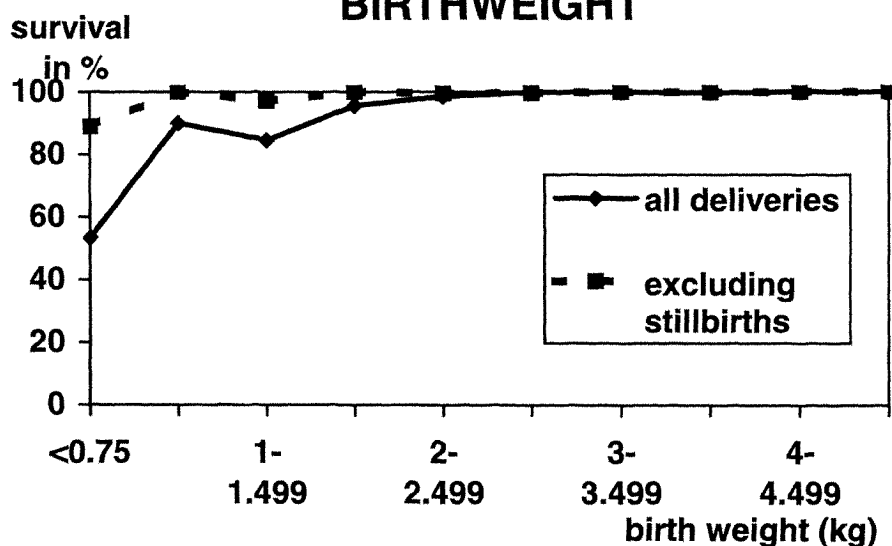


NUMBER OF FETAL LOSS VERSUS BIRTH WEIGHT*

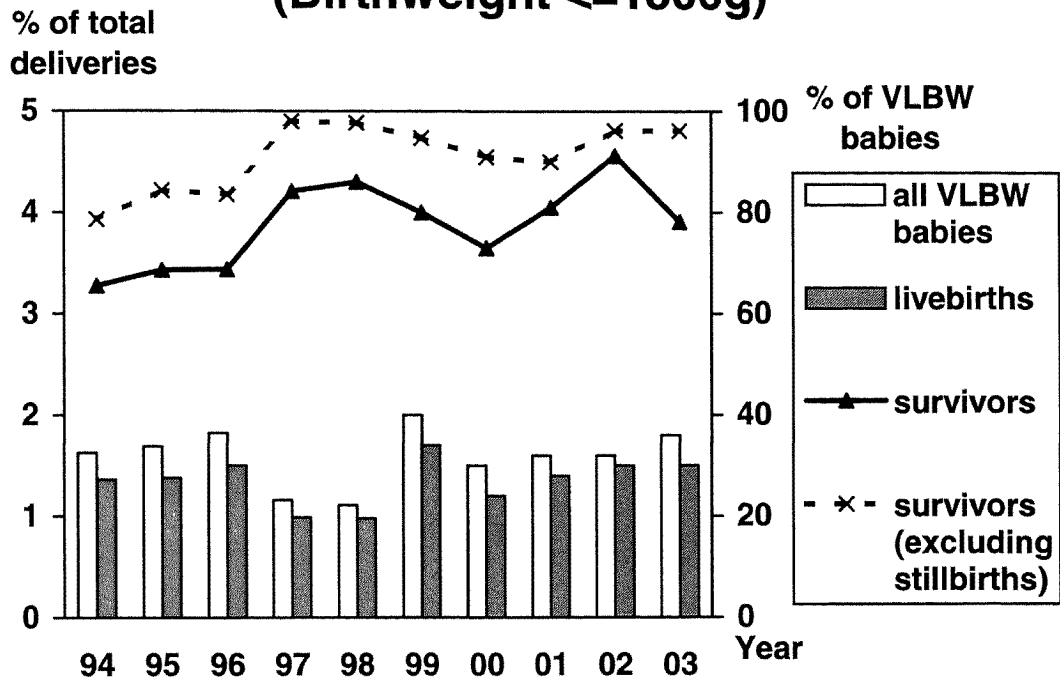
Birth weight in grammes	Total births	Live Births	Still births	Neonatal deaths	Perinatal deaths
500-749	15	9	6	1	7
rate /1000			400.00	111.11	466.67
750-999	10	9	1	0	1
rate /1000			100.00	0.00	100.00
1000-1499	39	34	5	1	6
rate /1000			128.21	29.41	153.85
1500-1999	68	65	3	0	3
rate /1000			44.12	0.00	44.12
2000-2499	211	209	2	1	3
rate /1000			9.48	4.78	14.22
2500-2999	964	963	1	3	3
rate /1000			1.04	3.12	3.11
3000-3499	1497	1495	2	0	2
Rate /1000			1.34	0.00	1.34
3500-3999	631	629	2	1	3
rate /1000			3.17	1.59	4.75
4000-4499	101	101	0	0	0
rate /1000			0.00	0.00	0.00
>=4500	11	11	0	0	0
rate /1000			0.00	0.00	0.00
Total	3547	3525	22	7	28

*Babies with unknown birth weight excluded.

FETAL SURVIVAL ACCORDING TO BIRTHWEIGHT



OUTCOME OF VLBW BABY (Birthweight ≤1500g)



GESTATIONAL AGE AND FUNCTIONAL MATURITY

	S.G.A.	A.G.A.	L.G.A.	Total
Preterm	54	185	11	250
Term	400	2557	293	3250
Postterm	5	38	7	50
Total	459	2780	311	3550
(%)	12.93	78.31	8.76	

Definition: S.G.A. less than 10th percentile for gestational age
 L.G.A. more than 90th percentile for gestational age
 A.G.A. appropriate for gestational age

CAUSE FOR STILLBIRTHS

1. Congenital anomaly	1
2. Isoimmunization	0
3. Pregnancy induced hypertension	0
4. Antepartum haemorrhage	1
5. Mechanical	4
6. Maternal disorder	5
7. Unclassifiable	0
8. Unexplained	6
9. Miscellaneous	6
Total	23

OBSTETRICAL CAUSES OF NEONATAL DEATHS

1. Congenital anomaly	4
2. Isoimmunization	0
3. Pregnancy induced hypertension	0
4. Antepartum haemorrhage	0
5. Mechanical	0
6. Maternal disorder	0
7. Unclassifiable	2
8. Unexplained	1
9. Miscellaneous	0
Total	7

PAEDIATRIC CLASSIFICATION OF CAUSE OF NEONATAL DEATHS

Cause	Major	Attributory
Congenital anomaly	4	0
Haemolytic disease of newborn	0	0
Hypoxia	0	0
Birth trauma	0	0
Respiratory distress syndrome	0	0
Intracranial haemorrhage	0	0
Infection	0	0
Others	3	0
Miscellaneous	0	0

BIRTH TRAUMA

Total cases	95
Incidence (%)	2.7

TYPES OF BIRTH TRAUMA*

	Number	%
Cephalhaematoma	55	57.9
Soft tissue trauma	0	0.0
Subaponeurotic haemorrhage	1	1.1
Intracranial haemorrhage	0	0.0
Fractures	33	34.7
Nerve injury	6	6.3
Visceral injury	0	0.0

Fetal outcome

Stillbirths	0
Neonatal deaths	0
Perinatal deaths	0

Mode of delivery

	Total	Cases	Incidence /100 births
Spontaneous	2194	33	1.5
Vacuum extraction	296	11	3.7
Low forceps	150	5	3.3
Vaginal breech	16	0	0.0
Elective caesarean section	293	0	0.0
Emergency CS & others	601	0	0.0

*Each baby may have more than 1 type of trauma

CONGENITAL MALFORMATION

Total number	159
Incidence (%)	4.5

TYPES OF MALFORMATIONS

	Number	%
Chromosomal abnormalities	5	3.1
Central nervous system	5	3.1
Face,eye,ear,oral cavity	5	3.1
Gastrointestinal tract	12	7.6
Cardiovascular system	72	45.3
Respiratory system	6	3.8
Urogenital system	30	18.9
Skeletal system	17	10.7
Multiple abnormalities	2	1.3
Others	5	3.1

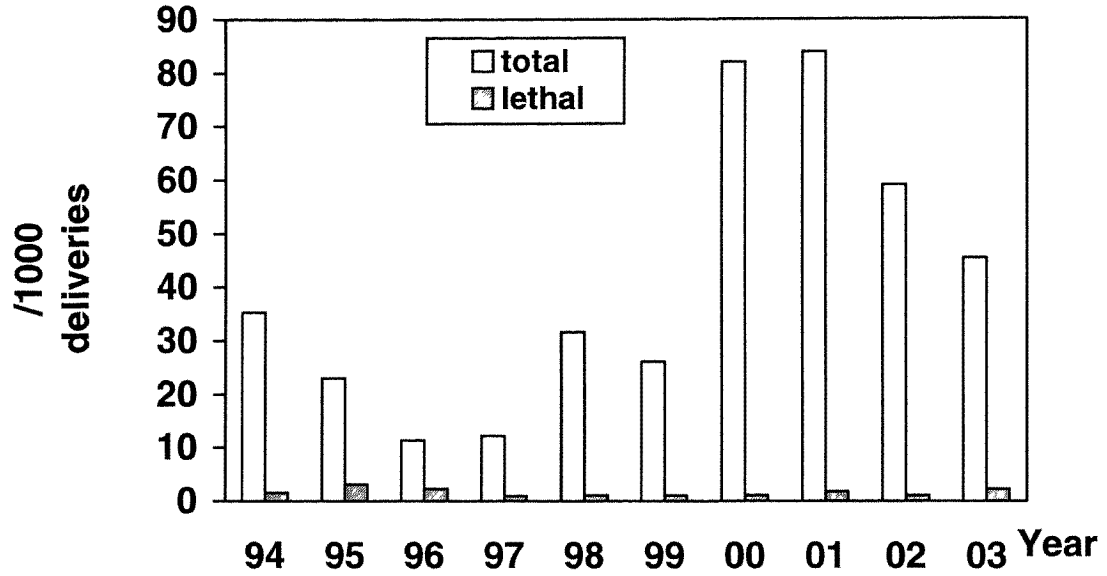
Fetal mortality

Stillbirth	1
Neonatal deaths	7
Perinatal deaths	2

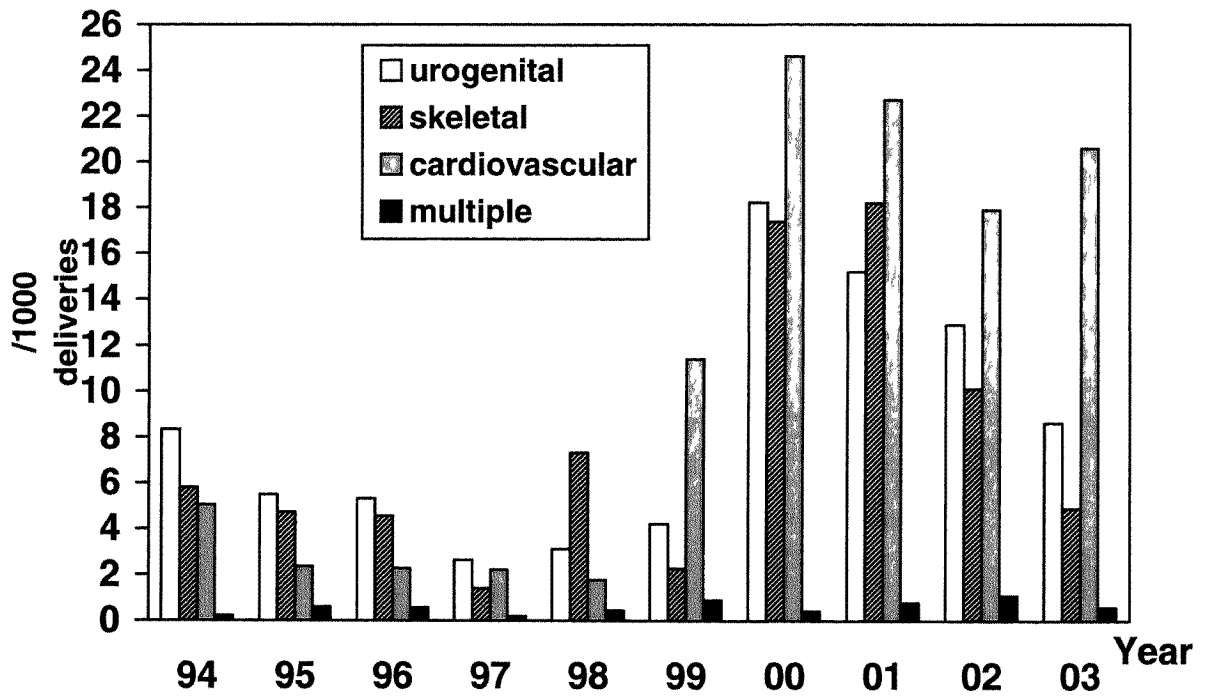
Incidence (%)

among livebirths	4.5
among stillbirths	4.4
among neonatal deaths	57.1
among low birth weight babies (<2.5 kg)	1.2

CONGENITAL MALFORMATIONS



TYPES OF CONGENITAL MALFORMATIONS



OTHER NEONATAL COMPLICATIONS

	Cases	%
Admission To Intensive Care Unit	127	3.6
Respiratory Distress Syndrome	29	0.8
Intraventricular Haemorrhage	24	0.7
Necrotising Enterocolitis	4	0.1
Major Infection		
Congenital infection	1	<0.1
Pneumonia	62	1.8
Septicaemia	3	0.1
Meningitis	0	0
Other major infection	1	<0.1

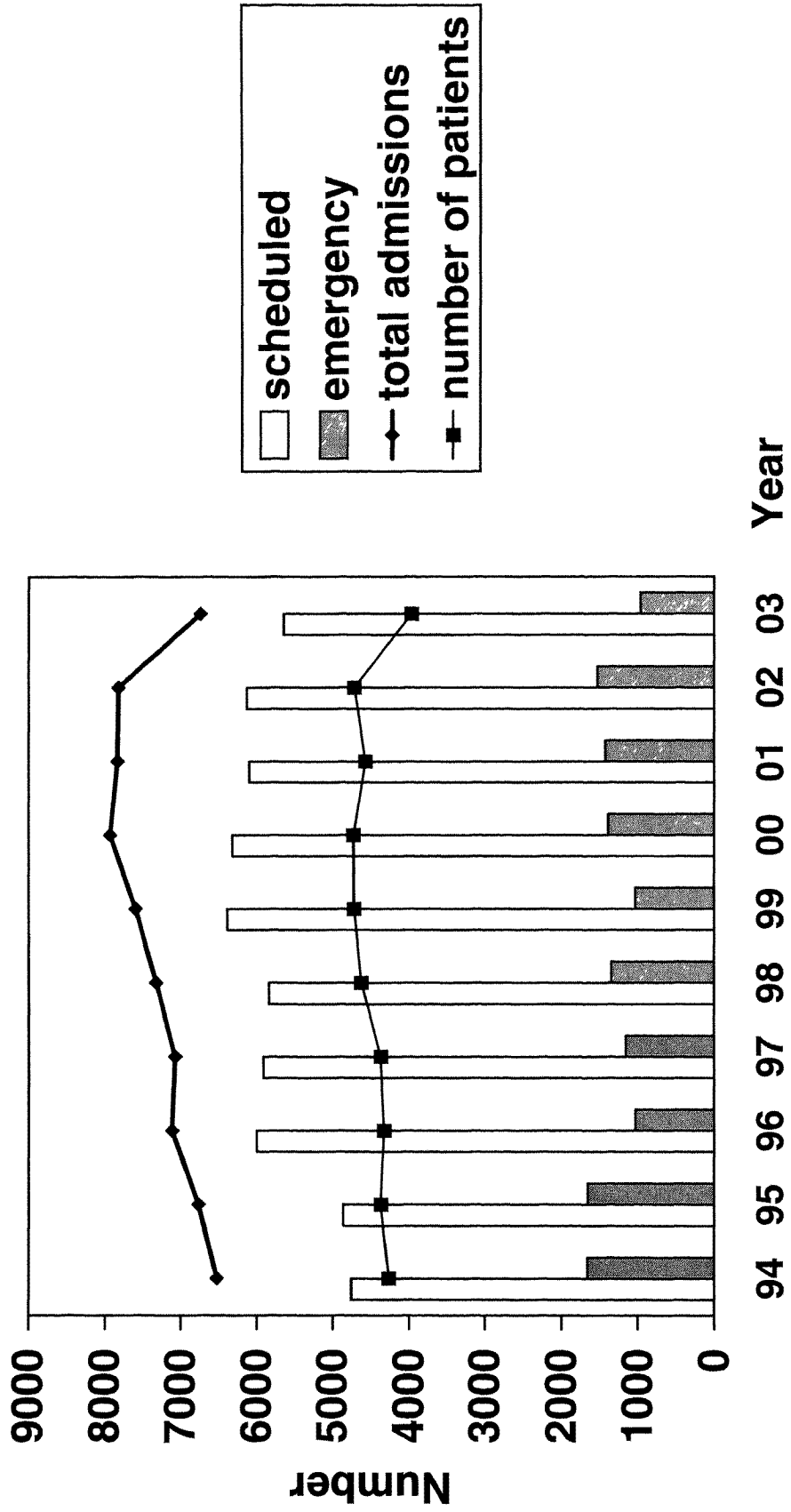
GYNAECOLOGY

COMPARATIVE STATISTICS (1994 - 2003)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total admissions	6530	6769	7115	7071	7325	7597	7931	7832	7820	6741
Emergency	1612	1657	1033	1157	1347	1031	1391	1422	1525	962
Scheduled	4757	4867	6002	5914	5835	6388	6319	6096	6127	5644
Total number of patients admitted	4263	4367	4322	4367	4623	4719	4726	4567	4709	3960
Diseases of uterine cervix (%)	8.77	7.9	6.2	9.4	7.8	8.8	10.4	9.3	9.4	8.6
Diseases of uterine body (%)	11.28	10.4	10.4	9.5	9.2	11.3	9.9	12.2	13.1	13.4
Diseases of ovary(%)	9.83	7.81	7.7	13.1	12.2	14.1	15.5	17.8	16.0	19.2
Diseases of menstruation (%)	9.52	10.74	9.6	7.1	7.6	6.8	6.7	8.9	6.9	5.8
Disorders of pregnancy & reproduction (%)	55.22	56.72	59.5	53.1	53.6	52.3	51.3	44.8	47.9	46.5
Major abdominal surgery for benign conditions	505	489	423	420	451	247*	234*	251*	256*	247*
Major abdominal surgery for malignant conditions	163	115	132	102	117	140	159	133	159	168
Major vaginal operations	54	57	68	112	83	66*	81*	91*	100*	88*
Major vulval operations	8	2	6	6	15	18	9	11	8	11
Endoscopic procedures	318	504	825	833	897	1058	1027	1077	1056	792
Assisted reproduction procedures	676	875	1049	1174	1252	1284	1253	1106	1137	1154
Minor abdominal operations	143	52	16	21	6	8	4	3	5	5
Other minor operations	1857	1738	1686	1523	1501	1832	1641	1381	1294	1081
Death	23	17	9	11	17	17	14	14	20	12

* excluding laparoscopic surgery

ADMISSIONS TO GYNAECOLOGICAL WARDS



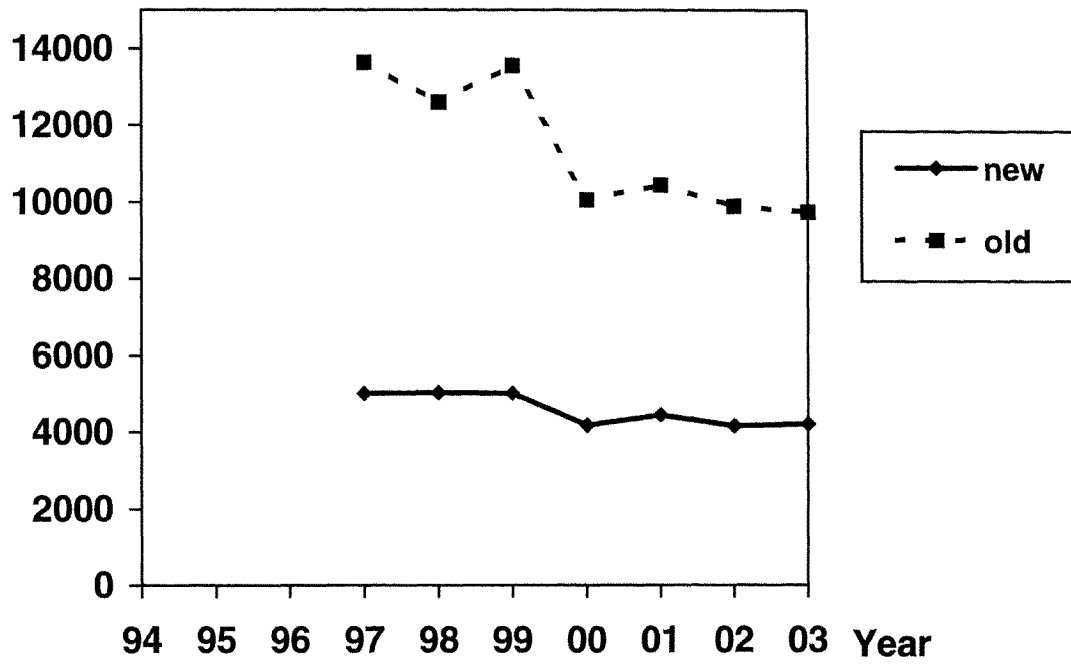
OUTPATIENTS STATISTICS

	New	Follow-up
GENERAL GYNAECOLOGY CLINICS		
Queen Mary S5 Specialist Clinic	3684	8738
Early Pregnancy Assessment Clinic	338	350
Preadmission Clinic	918	
Tsan Yuk Specialist Clinic	518	992
	New	Follow-up
SUBSPECIALTY CLINICS		
Colposcopy Clinics	875	2781
Procedures		
large loop excision of transformation zone		133
cryotherapy		12
Male Subfertility Clinic	90	47
Menopause Clinics	121	552
Diagnosis		
surgical		9
natural		112
Management of new cases		
Put on treatment for		
Menopausal symptoms		27
Long term prevention and treatment of osteoporosis		3
Counselling		30
Others		61
Type of treatment		
Cyclical oestrogen and progestogen		7
Continuous combined oestrogen and progestogen		11
Oestrogen only		9
Raloxifene		2
Fosamax		1
Others		61
Number of bone mineral densitometry		106

	New	Follow-up
Menstrual Disorder Clinics	115	1274
Oncology Clinics Attendances		
Gynaecology Oncology Follow-up		3536
Mole Clinic		1217
Chemotherapy Clinic		1387
Ovarian Assessment Clinic	63	246
Reasons for referral		
ovarian cyst	55	
parovarian cyst	1	
Pseudocyst	1	
hydrosalpinx	0	
cancer screening	4	
others	2	
Ultrasonographic diagnosis*		
ovarian cyst	44	
parovarian cyst	1	
pseudocyst	2	
hydrosalpinx	2	
uterine leiomyoma	10	
normal	9	
others	3	
Referral for operation		11
* one patient may have more than one diagnosis		
Psychosomatic Clinic	0	90
Subfertility Clinics	423	1467
Urogynaecology Clinic	204	732
Cystometry	116	
Surgery		
TVT	18	
Vaginal hysterectomy and/or pelvic floor repair	12	
Colposuspension	0	
Sacrocopopexy	4	
Paravaginal repair	1	
Referral to physiotherapist	78	237

Attendance at General Gynaecology Clinics

Number



ADMISSIONS AND DISCHARGES STATISTICS

Total number of admissions	6741
Total number of admitted patients	3960

Status at admission

	Number	%
Emergency	962	14.3
Scheduled	5644	83.7
Unplanned readmission	72	1.1
Transfer in	63	0.9

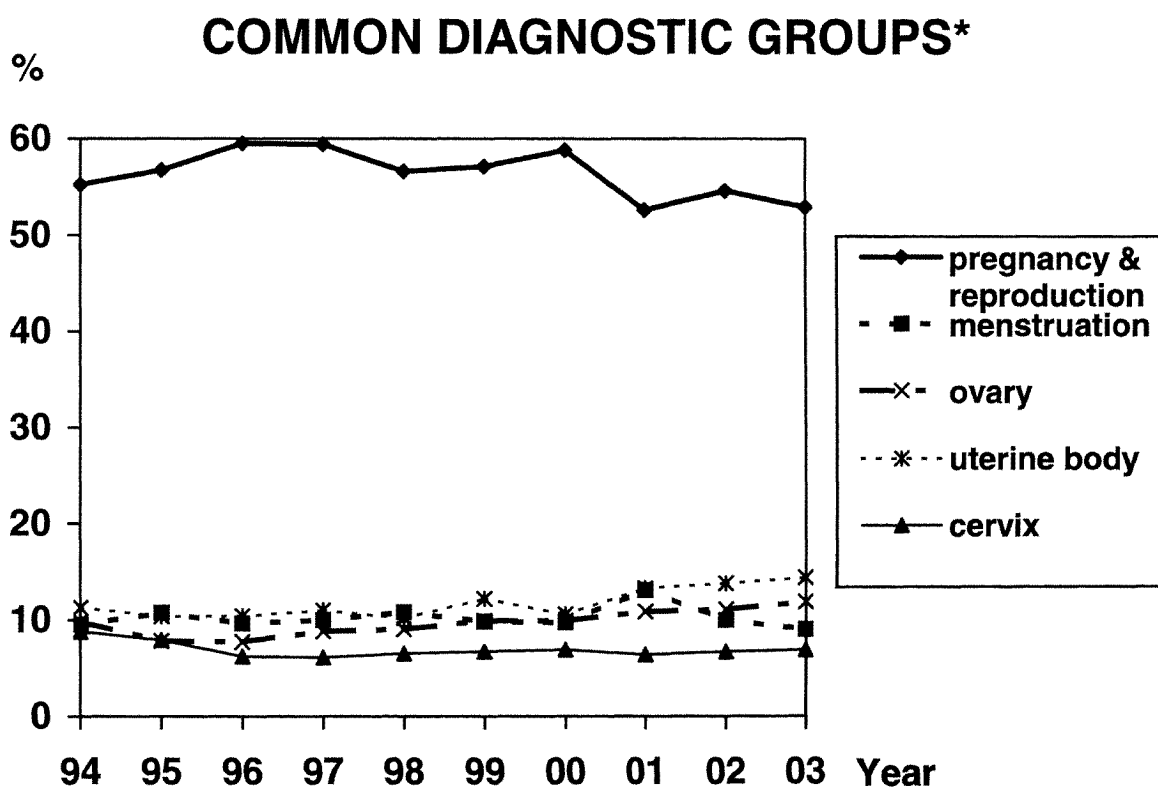
Status at discharge

	Number	%
Discharge home	6714	99.6
Transfer convalescence	2	0.0
Death	12	0.2
DAMA	2	0.0
Transfer	11	0.2

STATISTICAL SUMMARY

Diagnosis

	admissions		patients	
	number	%	number	%
Disease of vulva, perineum and urethra	151	2.2	120	3.0
Disease of vagina	57	0.8	34	0.9
Disease of uterine cervix	552	8.2	262	6.6
Disease of uterine body	870	12.9	557	14.1
Disease of fallopian tube	97	14.4	78	2.0
Disease of ovary	1206	17.9	477	12.1
Disease of broad ligament and pelvic peritoneum	43	0.6	42	1.1
Disease of genital displacement/ urinary incontinence	182	2.7	84	2.1
Disease of menstruation	394	5.8	355	9.0
Disease of pregnancy and reproduction	3130	46.5	2095	52.9
Complications in pregnancy	47	0.7	44	1.1
Miscellaneous gynaecological condition	161	2.4	146	3.7
Miscellaneous condition	460	6.8	266	6.7



*percentage of patients

Treatment	Number	%
Major abdominal surgery for benign conditions*	247	3.7
Major abdominal surgery for malignant conditions	168	2.5
Major vaginal operation*	88	1.3
Major vulval operation	11	0.2
Endoscopic procedures	792	11.8
Colposcopic related procedures	59	0.9
Assisted reproduction procedures	1154	17.1
Minor abdominal operations	5	0.1
Other minor operations	1081	16.0
Radiotherapy	87	1.3
Other forms of treatment	3757	55.8

Complications	Number	%
Bowel injury	2	0.1
Urinary tract injury	2	0.1
Perforation of uterus	2	0.1
Deep vein thrombosis	0	0.0
Cardiopulmonary arrest	0	0.0

* excluding laparoscopic surgery

DIAGNOSIS

Diseases of Vulva, Perineum and Urethra

	Admissions	Patients
Total	151	120
Congenital anomaly	0	0
Trauma	7	7
Infection	36	35
Benign neoplasm	9	9
Malignant neoplasm	27	10
Retention cyst	29	25
Vulval dystrophy	20	17
Urethral lesions	3	3
Miscellaneous	20	20

Diseases of Vagina

	Admissions	Patients
Total	57	34
Congenital anomaly	2	2
Trauma	1	1
Infection	3	3
Benign neoplasm	2	2
Malignant neoplasm	31	11
Retention cyst	2	2
Fistula	1	1
Vaginal intraepithelial neoplasia	5	5
Atrophic vaginitis	4	4
Miscellaneous	6	5

Diseases of Uterine Cervix

	Admissions	Patients
Total	552	262
Congenital anomaly	3	3
Trauma	1	1
Infection	6	6
Benign neoplasm	47	41
Carcinoma of cervix	422	152
Other malignancy	0	0
Cervical intraepithelial neoplasia	65	57
Miscellaneous	8	8

Diseases of Uterine Body

	Admissions	Patients
Total	870	557
Congenital anomaly	8	6
Trauma	1	1
Infection	14	13
Fibromyoma	344	289
Carcinoma of corpus	272	101
Other malignancy	26	13
Myohyperplasia	0	0
Endometrial polyp	108	96
Adenomyosis	57	53
Endometrial hyperplasia	28	21
Atrophic endometritis	5	5
Miscellaneous	7	7

Diseases of Fallopian Tubes

	Admissions	Patients
Total	97	78
Acute pelvic inflammatory disease	60	59
Chronic pelvic inflammatory disease	16	12
Tuberculous salpingitis	0	0
Benign neoplasm	1	1
Malignant neoplasm	18	6
Miscellaneous	2	2

Diseases of Ovary

	Admissions	Patients
Total	1206	477
Retention/functional cyst	18	18
Endometriotic cyst	143	128
Benign tumour/cyst	176	143
Primary malignant epithelial tumour	796	180
Primary malignant non-epithelial tumour	54	24
Secondary malignant tumour	3	2
Borderline malignant tumour	11	8
Miscellaneous	5	4

Diseases of Broad Ligaments and Pelvic Peritoneum

	Admissions	Patients
Total	43	42
Pelvic endometriosis	32	32
Parovarian cyst	6	6
Miscellaneous	5	4

Genital Displacements / Urinary Problems

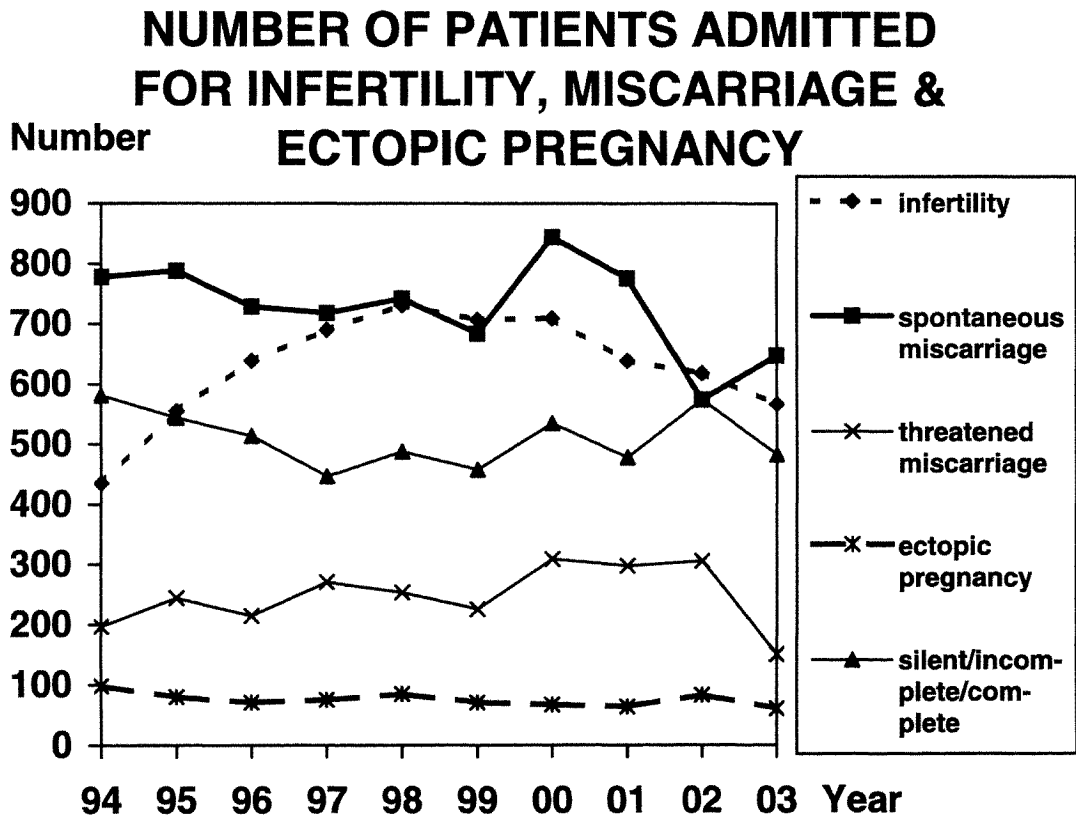
	Admissions	Patients
Total	182	84
Uterine prolapse	87	63
Cystocele/rectocele/enterocele	58	47
Stress incontinence	30	21
Detrusor instability	2	2
Vault prolapse	4	4
Miscellaneous	0	0

Disorders of Menstruation

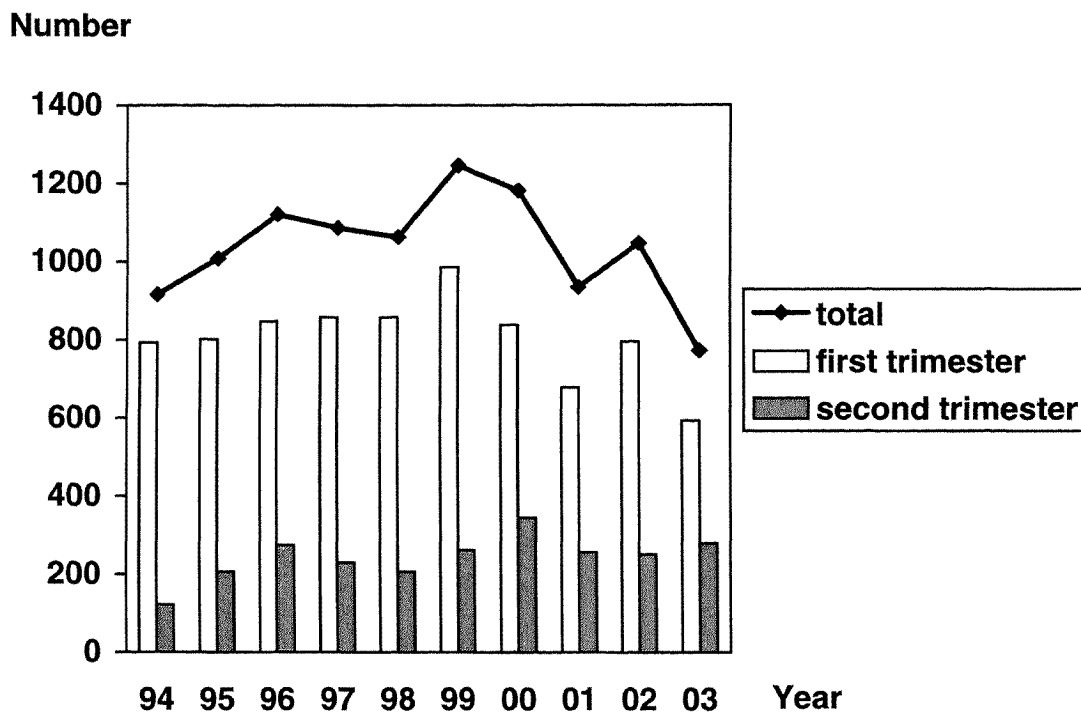
	Admissions	Patients
Total	394	355
Primary amenorrhoea	0	0
Secondary amenorrhoea	3	3
Dysfunctional uterine bleeding	272	249
Postmenopausal bleeding	95	85
Dysmenorrhoea	20	18
Miscellaneous	4	4

Disorders of Pregnancy and Reproduction

	Admissions	Patients
Total	3130	2095
Infertility	1267	567
Hyperemesis gravidarum	37	34
Threatened miscarriage	165	151
Spontaneous/silent miscarriage	483	441
Complete mole	7	5
Partial mole	16	8
Residual trophoblastic disease	60	18
Metastatic Malignant trophoblastic disease	11	7
Secondary postpartum haemorrhage	10	10
Other puerperal problems	3	3
Ectopic pregnancy	68	61
First trimester termination of pregnancy	624	593
Second trimester termination of pregnancy	311	279
Tubal occlusion	33	32
Miscellaneous	35	34



TERMINATION OF PREGNANCY*



*number of patients

Complications in Pregnancy

	Admissions	Patients
Total	47	44
Benign tumour of genital tract	3	3
Malignant tumour of genital tract	1	1
Medical diseases	9	9
Surgical diseases	1	1
Non-specific abdominal pain	33	31

Miscellaneous Gynaecological Conditions

	Admissions	Patients
Total	161	146
Retained IUCD	11	9
Abdominal pain of unknown cause	56	50
Complication of treatment in the same unit	58	57
Complication of treatment in other unit	19	18
Miscellaneous	17	13

Miscellaneous Conditions

	Admissions	Patients
Total	301	245
Breast disease	13	11
Urinary tract disease	46	40
Gastrointestinal tract disease	51	49
Cardiovascular disease	60	52
Respiratory tract disease	14	14
Central nervous system disease	9	9
Endocrine disease	31	28
Blood disease	22	21
Dermatological/musculoskeletal disease	19	19
Miscellaneous	36	35

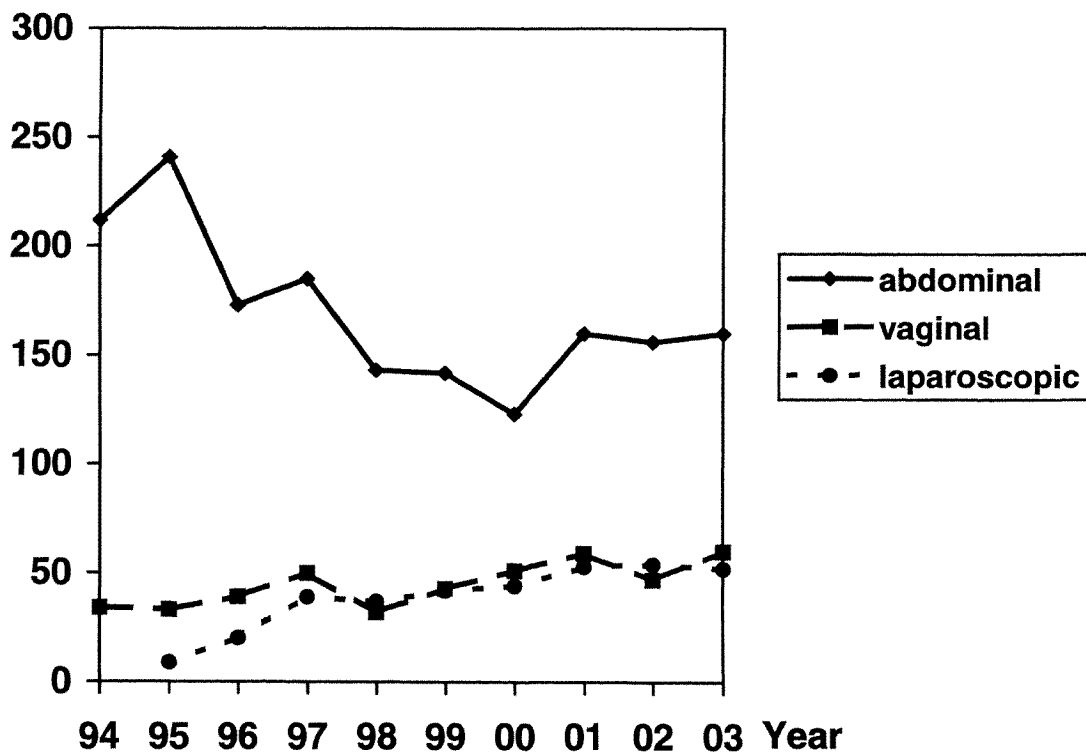
TREATMENT

Major Abdominal Surgery For Benign Conditions*

Total	224
Hysterectomy +/- salpingo-oophorectomy	160
Subtotal hysterectomy +/- salpingo-oophorectomy	0
Repair of urinary fistula	0
Myomectomy	21
Ovarian cystectomy	25
Salpingo-oophorectomy/Oophorectomy	18
Salpingectomy	3
Salpingotomy	0
Stress incontinence surgery	4
Adhesiolysis/tuboplasty	1
Drainage of pelvic abscess	2
Miscellaneous	13

HYSTERECTOMY FOR BENIGN CONDITIONS

Number



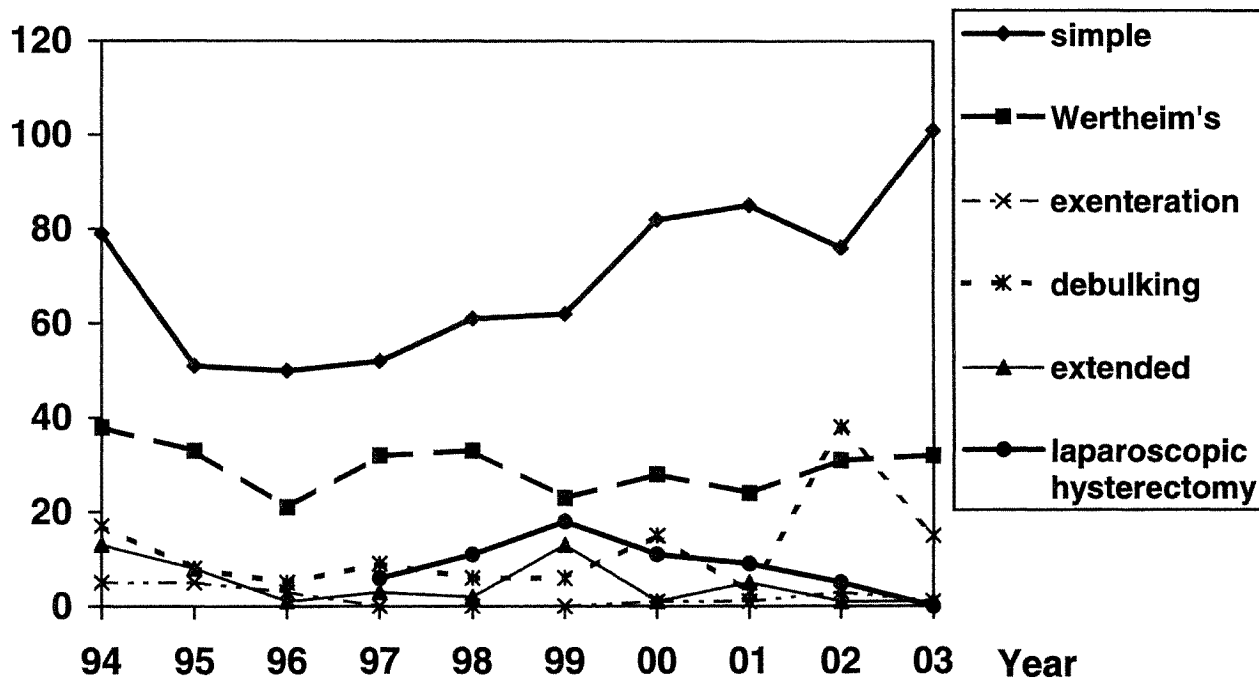
*excluding laporoscopic surgery

Major Abdominal Surgery For Malignant Conditions

Total	168
Hysterectomy +/- salpingo-oophorectomy	117
Subtotal hysterectomy +/- salpingo-oophorectomy	0
Wertheim's hysterectomy	23
Pelvic exenteration	1
Debulking	74
Extended hysterectomy	0
Oophorectomy/salpingo-oophorectomy	24
Miscellaneous	76

HYSTERECTOMY FOR MALIGNANT CONDITIONS

Number



Major Vaginal Operations

Total	77
Surgery for urinary incontinence	13
Vaginal hysterectomy	22
Vaginal hysterectomy + pelvic floor repair	38
Pelvic floor repair	4
Repair of urinary fistula	1
Miscellaneous	10

Major Vulval Operations

Total	11
Radical vulvectomy	3
Simple vulvectomy	0
Wide local excision	3
Miscellaneous	5

Endoscopic Procedures

Total	656
Diagnostic laparoscopy	113
Laparoscopic tubal occlusion	31
LAVH/LH	52
Laparoscopic myomectomy	1
Laparoscopic ovarian cystectomy	135
Laparoscopic oophorectomy/salpingo-oophorectomy	65
Laparoscopic ovarian drilling	5
Laparoscopic salpingectomy	46
Laparoscopic salpingotomy	16
Laparoscopic adhesiolysis	25
Laparoscopic ablation/resection of endometriosis	4
Laparoscopic drainage of pelvic abscess	2
Laparoscopic lymphadenectomy	0
Other laparoscopic operations	8
Diagnostic hysteroscopy	223
Hysteroscopic polypectomy	36
Hysteroscopic myomectomy	9
Endometrial ablation	0
Other hysteroscopic operations	14
Cystoscopy	3
Miscellaneous	1

Colposcopy Related Procedures*

Total	59
Cervical Cautery	0
Laser Vaporization (for genital warts or vaginal intraepithelial neoplasia)	4
Laser Cone	0
Loop Excision	37
Cone Biopsy	16
Miscellaneous	2

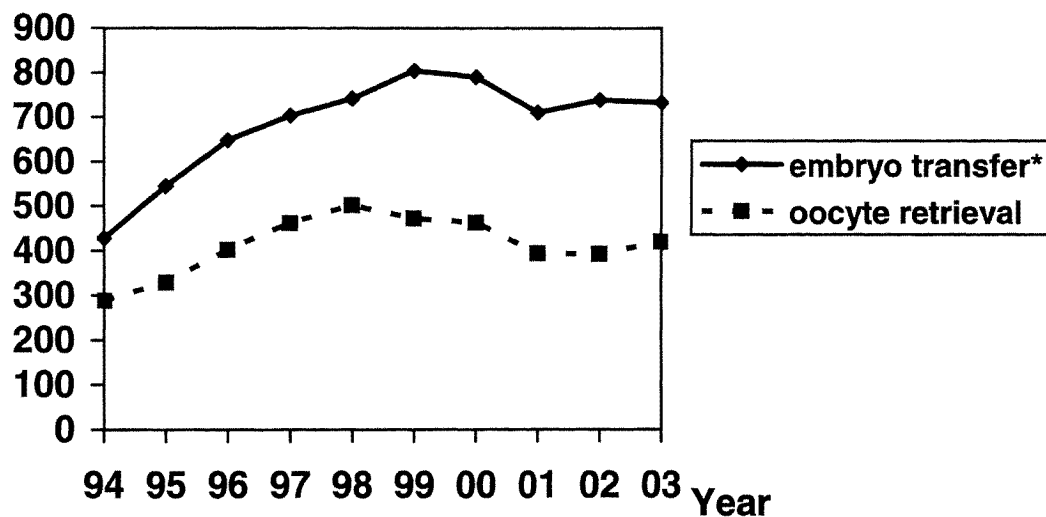
*most of the colposcopic procedures were performed as out patient

Assisted Reproduction Procedures

Total	1154
Oocyte retrieval (ultrasound guided)	421
Oocyte retrieval (laparoscopic)	0
Gamete intrafallopian transfer (GIFT)	0
Pronuclear stage transfer (PROST)	0
Embryo transfer	733
Miscellaneous	0

ASSISTED REPRODUCTION PROCEDURES

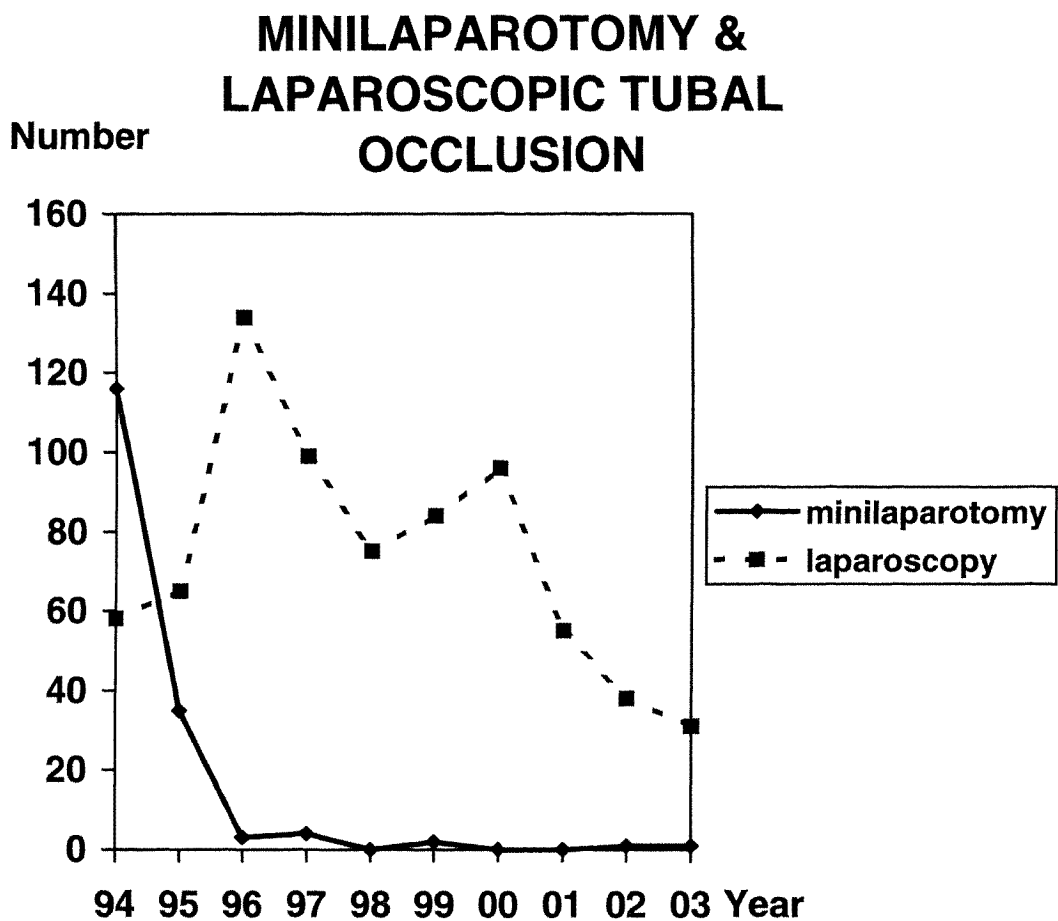
Number



* including fresh and frozen embryo transfer cycles

Minor Abdominal Operations

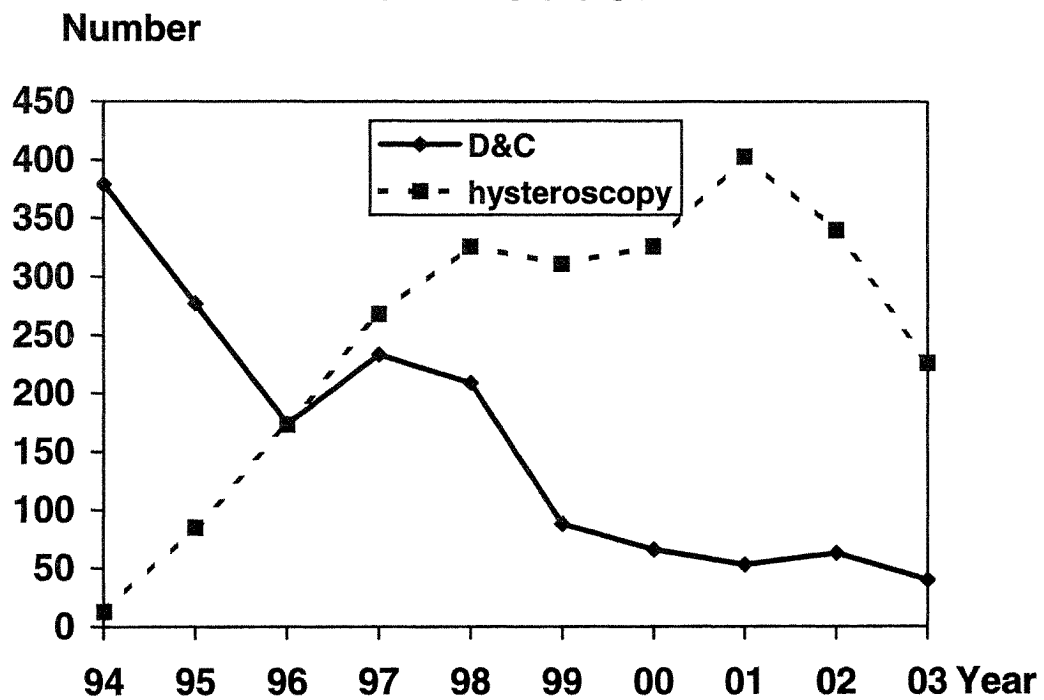
Total	4
Resuture of abdominal wound	1
Miscellaneous	3



Other Minor Operations

Total	1081
Dilatation and curettage / polypectomy	40
Suction termination of pregnancy	454
Evacuation of retained products of conception	236
Marsupialization	43
Cervical cerclage	0
Other vulval surgery	35
Examination under anaesthesia	3
Endometrial biopsy	156
Miscellaneous	114

D&C AND DIAGNOSTIC HYSTEROSCOPY*



Radiotherapy*

Total	87
Intracavitary radiotherapy	0
External radiotherapy	35
Miscellaneous	52

* Most of the patients were admitted to the Department of Radiotherapy and Oncology and were therefore not included in our admission statistics.

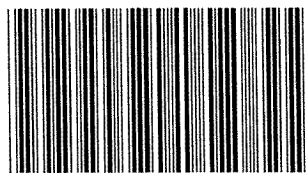
Other Forms of Treatment

Total	3757
Observation and investigations	1881
Antibiotic as primary treatment	130
Prostaglandins	509
Hormones	144
Chemotherapy	709
Other medication	131
Miscellaneous	253

LIST OF ABBREVIATIONS

AGA	Appropriate for gestational age
APH	Antepartum haemorrhage
Chronic HT	Chronic hypertension
C. HT with PET	Chronic hypertension with superimposed preeclampsia
CS	Caesarean section
GIFT	Gamete intrafallopian transfer
G. Proteinuria	Gestational proteinuria
G. P. HT	Gestational proteinuric hypertension
IGT	Impaired glucose tolerance
IUD	Intrauterine death
IUGR	Intrauterine growth retardation
LAVH	Laparoscopic assisted vaginal hysterectomy
LF	Low forceps
LGA	Large for gestational age
LH	Laparoscopic hysterectomy
NND	Neonatal death
PND	Perinatal death
PPH	Postpartum haemorrhage
PROST	Pronuclear stage transfer
SB	Stillbirth
SGA	Small for gestational age
TAH	Total abdominal hysterectomy
TAHBSO	Total abdominal hysterectomy bilateral salpingo-oophorectomy
TOP	Termination of pregnancy
TVT	Tension free vaginal tape
Unclassified HT/P	Unclassified hypertension/proteinuria

VE	Vacuum extraction
VHPFR	Vaginal hysterectomy, pelvic floor repair
VLBW	Very low birthweight



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