

香港



大學

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OF HONG KONG**

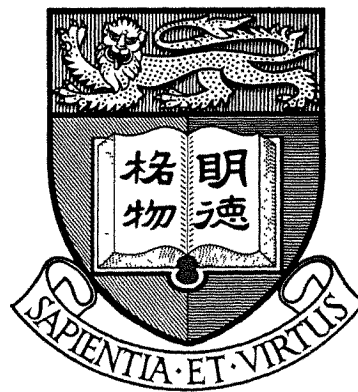
**2001
CLINICAL REPORT**

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*Department
of
Obstetrics and Gynaecology*



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Dept. of Obstetrics & Gynaecology
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MESSAGE FROM THE HEAD OF THE DEPARTMENT

In November 2001, the in-patient obstetric service was relocated to Queen Mary Hospital from Tsan Yuk Hospital, after providing maternity service to the community since 1922. The traditional link between Tsan Yuk Hospital and the Department, however, was far from severed. The Prenatal Diagnosis and Counselling Department was still located at Tsan Yuk Hospital. Various out-patient services like the antenatal clinics were still serving our patients. The Lady Helen Woo Women's Diagnostic and Treatment Centre was providing high standard, centralised and comprehensive specialised diagnostic, treatment and counselling services to women who have gynaecological abnormalities detected on health screening.

We have observed a drop in the delivery rate last year. It may be partly related to the relocation, bringing some uncertainty to our potential patients. The rates of induction of labour and caesarean section were further raised to 29.3% and 23.5% respectively. This was accompanied by a further decrease in perinatal mortality rate, now running at 3.7/1000, a two to three times drop from a decade ago.

The total gynaecological workload remained relatively constant. The number of vaginal hysterectomy for non-prolapsed uterus continued to increase. A decrease in first trimester termination of pregnancy was noted. This is a further drop from the year 2000, and in fact, the lowest since 1993! Hopefully, this reflects an improvement in contraceptive utilization in the population. Because of the renovation work in preparation for the relocation of obstetric service, the assisted reproduction program was suspended for 2 months. Therefore, there was also a reduction in the number of assisted reproduction treatment cycles.

I would like to thank Dr TC Pun and Dr KY Leung for their effort in putting all the data of the service together to produce this report. We would also like to thank the Information Technology Department, Hospital Authority and in particular, to Ms. Amy Chow for their assistance. The information on the various subspecialty services was compiled by Dr C Chan, Dr CT Lau, Dr W Lau, Dr KF Tam and Dr OS Tang. Further details of our Assisted Reproduction Programme and Prenatal Diagnostic and Counselling Service are published in separate reports. I would also like to thank Ms P Chau and her team and all the other staff in their contribution to the production of this report. Finally, I express my appreciation to Ms Annie Chow for her excellent secretarial support.

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

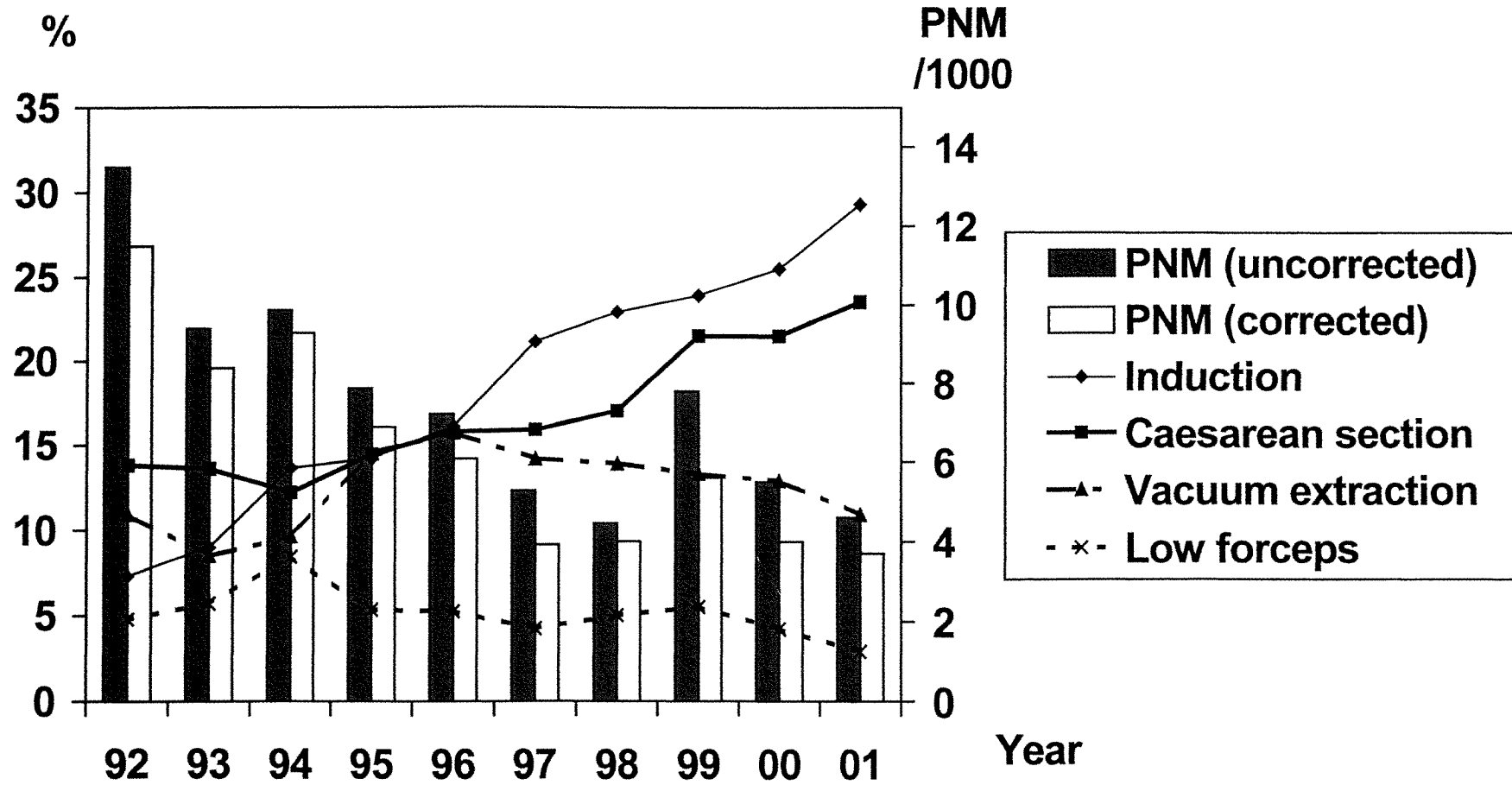
OBSTETRICS

COMPARATIVE STATISTICS (1992 - 2001)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
TOTAL PATIENTS DELIVERED	3435*	5393	5108	5023	5205	4861	4434	4399	4630	4006
PRIMIPARAE	1783	2728	2712	2597	2747	2555	2435	2585	2746	2285
MULTIPARAE	1652	2665	2396	2426	2458	2306	1999	1814	1884	1721
PREGNANCY INDUCED HYPERTENSION	120	141	159	136	150	106	139	119	95	92
ECLAMPSIA	0	1	4	1	1	3	1	2	2	0
ACCIDENTAL HAEMORRHAGE	13	10	24	20	33	32	16	7	6	10
PLACENTA PRAEVIA	22	39	28	46	54	45	36	39	41	48
POSTPARTUM HAEMORRHAGE	147	141	241	158	140	117	80	110	106	72
INDUCTION OF LABOUR(%)	7.3	9.0	13.7	14.2	16.1	21.1	22.9	23.9	25.5	29.3
VACUUM EXTRACTION(%)	10.9	8.5	9.6	14.5	15.7	14.2	13.9	13.3	12.9	10.9
FORCEPS DELIVERY(%)	4.8	5.7	8.4	5.3	5.2	4.3	5.0	5.5	4.2	2.9
CAESAREAN SECTION(%)	13.8	13.6	12.2	14.4	15.8	15.9	17.0	21.5	21.5	23.5
MATERNAL DEATHS	0	0	2	1	2	0	0	1	1	0
INFANTS BORN IN HOSPITAL	3418	5420	5137	5063	5249	4914	4481	4473	4704	4065
INFANTS BORN BEFORE ADMISSION	53	34	28	24	26	16	18	14	9	10
TOTAL INFANTS BORN	3471	5454	5165	5087	5275	4930	4499	4487	4713	4075
STILLBIRTH RATE (PER 1000 TOTAL DELIVERIES)	7.8	5.9	5.8	4.9	4.2	4.1	2.9	5.4	4.5	2.5
NEONATAL DEATH RATE (PER 1000 LIVEBIRTHS)	7.8	4.6	5.3	4.2	3.8	1.4	1.6	2.7	1.5	2.2
PERINATAL DEATH RATE (PER 1000 LIVEBIRTHS)	13.5	9.4	9.9	7.9	7.2	5.3	4.5	7.8	5.5	4.7
CORRECTED PERINATAL DEATH RATE (EXCLUDING NON-BOOKED CASES WITH IUD ON ADMISSION)	11.5	8.4	9.3	6.9	6.1	3.9	4.0	5.6	4.0	3.7

* Reduction in deliveries due to renovation work.

INTERVENTION RATES & PERINATAL MORTALITY 1992-2001



STATISTICAL SUMMARY

	Tsan Yuk Hospital	Queen Mary Hospital
Obstetric Clinic Attendance		
Antenatal new cases	3994	255
Antenatal follow-up cases	13642	1898
Postnatal cases*	1370	395
Postnatal follow-up cases	613	-
Combined diabetic clinic	-	1053
Combined medical clinic	-	485
Private	-	9
Second Trimester Routine Scan	1970	-
Day Centre Attendance		
Cardiotocogram	730	5
Oral glucose tolerance test	2895	580
Sugar profile	654	-
Blood pressure monitoring	186	-
Removal of stitches	1895	5
Wound inspection	91	-
Educational activities	2807	-
Miscellaneous	11101	-
Deliveries	2884	1122
Booked	2512	875
Primiparae	1466	490
Multiparae	1046	385
Non-booked	372	247
Primiparae	187	142
Multiparae	185	105

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

PATIENTS CHARACTERISTICS

		Number	%
Ethnic origin:	Chinese	3834	95.71
	Non-Chinese	172	4.29
Age:	Primiparous	28.93	
	Multiparous	31.92	
	Total	30.21	
		Number	%
Parity at booking:	Primiparous	2285	57.04
	Multiparous	1721	42.96
Average height(cm):		159	
Average pre-pregnant weight(kg):		68	
		Number	%
Education level:	None	129	3.22
	Primary	339	8.46
	Secondary	2682	66.95
	Tertiary	824	20.57
		Number	%
Smoking habit:	Nonsmokers	3817	95.28
	=<20 per day	187	4.67
	>20 per day	2	0.05
Family income(HK dollars*1000):			15.11

CONGENITAL ANOMALY OF GENITAL AND URINARY TRACT

Total number of cases	12
Incidence (%)	0.3

CARDIAC DISEASES

Total number of cases	124
Incidence (%)	3.1

	Number	%
Rheumatic heart disease	5	0.12
Congenital heart disease	9	0.22
Mitral valve prolapse	10	0.25
Arrhythmia	1	0.02
Others	99	2.47

GESTATIONAL DIABETES* & PRE-EXISTING DIABETES MELLITUS

	Gestational DM*		Pre-existing
	IGT#	DM#	DM
Total number of cases	579	37	7
Incidence(%)	14.45	0.92	0.17
Total no of babies	594	38	7
Incidence of CS	197	20	4
Stillbirth	0	0	0
Neonatal death	2	0	0
Perinatal death	2	0	0
Large for date babies	77	7	0
(%)	12.96	18.42	0.00
Small for date babies	61	3	1
(%)	10.27	7.89	14.29

* According to the International Workshop Conference on Gestational Diabetes

According to WHO criteria (1980)

BLOOD DISORDERS

	Number	%
Anaemia	213	5.32
Iron deficiency	62	1.55
Alpha-thalassaemias	127	3.17
Beta-thalassaemias	73	1.82
Fe def. & thalassaemias	3	0.07
Others	100	2.50

RENAL DISEASES

Total number of cases	15
Incidence (%)	0.37

LIVER DISEASES

Total number of cases	5
Incidence (%)	0.12

RESPIRATORY DISEASES

Total number of cases	39
Incidence (%)	0.97

GASTROINTESTINAL/GALL BLADDER DISEASES

Total number of cases	5
Incidence (%)	0.12

EPILEPSY

Total number of cases	2
Incidence (%)	0.05

OTHER NEUROLOGICAL DISEASES

Total number of cases	8
Incidence (%)	0.20

PSYCHIATRIC DISEASES

Total number of cases	13
Incidence (%)	0.32

AUTOIMMUNE DISEASES

Total number of cases	20
Incidence (%)	0.50

THYROID DISEASES

Total number of cases	75
Incidence (%)	1.87

SURGICAL DISEASES

Total number of cases	7
Incidence (%)	0.17

MALIGNANT DISEASES

Total number of cases	5
Incidence (%)	0.12

SEXUALLY TRANSMITTED DISEASES

Total number of cases	16
Incidence (%)	0.40

Types	Cases
Syphilis	3
Gonorrhoea	1
Herpes	2
Condyloma acuminata	1
Chlamydia	6
Combination of above/others	3

OTHER INFESTATIONS/INFECTIONS

Total number of cases	510
Incidence (%)	12.73

Types	Cases
Moniliasis	256
Trichomoniasis	12
Combination/others	242

OTHER ASSOCIATED CONDITIONS

	Cases	%
Hyperemesis gravidarum	2	0.05
Skin diseases	4	0.10
Kyphoscoliosis	0	0.00
Incompetent os	6	0.15
Drug addiction	6	0.15
Rhesus negative mothers	55	1.37
Others	88	2.20

HYPERTENSION IN PREGNANCY*

Total number of cases	119
Incidence (%)	2.97
Primiparous	76
Multiparous	43

Type	Cases	Induced labour	Caesarean# section	SB#	NND#	PND#
Gestational HT	60	22	22	0	0	0
G. Proteinuria	2	2	1	0	0	0
G. P. HT	30	13	21	0	0	0
Chronic HT	14	4	8	0	1	1
C. HT with PET	2	0	2	0	0	0
Unclassifid HT/P	11	3	5	1	0	1
Eclampsia	0	0	0	0	0	0

Perinatal Mortality = 16.0 /1000 total births

*according to Davey & MacGillivray(1988)
#No of babies

ANTEPARTUM HAEMORRHAGE

Total number of cases	204
Incidence (%)	5.09

Mode of delivery of fetus versus types of antepartum haemorrhage*

Mode of delivery	Placenta praevia	Accidental haemorrhage	APH of ? origin	Extra placental
Spontaneous	1	3	79	3
Vac. extract.	0	0	4	1
Low forceps	0	0	9	0
Vag. Breech	0	0	3	0
Elective CS	23	0	8	0
Emergency CS & oth	27	7	40	1
Total	51	10	143	5

Outcome of fetus versus causes of antepartum haemorrhage*

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

*No of babies

PRETERM DELIVERIES

Total number of cases			238
Incidence (%)			5.85
Parity	Total	Cases	%
Primiparous	2328	145	6.23
Multiparous	1747	93	5.32
Outcome		Cases	Rate (per 1000)
Stillbirth-ante partum		4	16.81
Stillbirth-intrapartum		1	4.20
Stillbirth-undetermined		1	4.20
Neonatal death		7	29.41
Perinatal death		13	54.62
Mode of delivery		Cases	%
Spontaneous vaginal delivery		99	41.60
Vacuum extraction		3	1.26
Low forceps		11	4.62
Vaginal breech delivery		11	4.62
Elective caesarean section		8	3.36
Emergency CS & others		106	44.54
Birth weight		Cases	%
<2500 g		125	52.52
<1500 g		34	14.29
<1000 g		31	13.03
Number of pregnancies	Total	Cases	%
Singleton	3940	169	4.29
Multiple pregnancies	135	69	51.11

NEONATAL COMPLICATIONS

	Cases	%
Admission to ICU >24 hours	50	21.01
Congenital abnormality	2	0.84
Major infection	14	5.88
Respiratory distress syndrome	1	0.42
Intraventricular haemorrhage	0	0.00
Necrotising enterocolitis	1	0.42

MULTIPLE GESTATION

Total cases	66
Incidence (%)	1.65
Primiparous	41
Multiparous	25
Twins	62
Triplets	4
Quadruplets & higher order	0
Total number of babies	135*
Preterm < 37 weeks	69
> = 37 weeks	66
Induced labour	6
Incidence of induced labour	9.09

Mode of delivery versus number of babies

	1st baby*	2nd baby	3rd baby
Spontaneous vaginal	9	7	0
Vacuum extraction	3	3	0
Low forceps	2	1	0
Vaginal breech delivery	2	5	0
Other vaginal delivery	0	0	0
Caesarean section & others	49	50	4

Outcome of fetus versus number of babies

	1st baby*	2nd baby	3rd baby
Livebirths	65	65	4
Stillbirth - antepartum	0	0	0
Stillbirth - intrapartum	0	1	0
Stillbirth - undetermined	0	0	0
Neonatal death	0	2	1
Perinatal death	0	2	1

* a leading twin miscarried and the weight of the abortus was 455g

POSTPARTUM HAEMORRHAGE

Total number of cases	72
Incidence (%)	1.80
Primiparous	36
Multiparous	36

Types	Cases	%
Primary PPH	70	1.75
Secondary PPH	3	0.07

Causes of Primary PPH

Causes	Cases
Uterine atony	30
Retained gestational product	22
Ruptured uterus	0
Cervical tear	1
Vaginal tear	11
Perineal wound	4
Genital haematoma	1
Uterine inversion	0
Consumptive coagulopathy	0
Others	8

Causes of Secondary PPH

Causes	Cases
Retained gestational product	2
Genital tract infection	0
Others	1

MANUAL REMOVAL OF PLACENTA

Total number of cases	43
Incidence (%)	1.07

POSTPARTUM ANAEMIA*

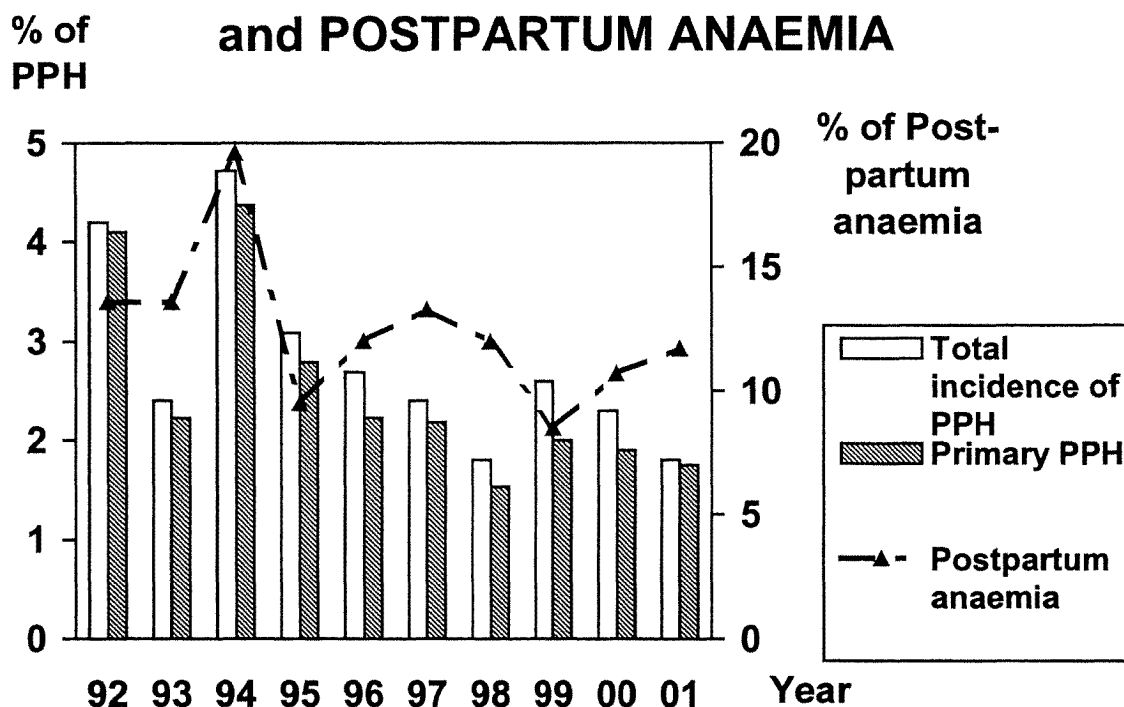
	Total	Cases	Incidence(%)
Primiparous	2285	293	12.82
Multiparous	1721	174	10.11
Total	4006	467	11.66

Mode of delivery#	Total	Cases	Incidence(%)
Spontaneous vaginal	2538	283	11.15
Vacuum extraction	445	77	17.30
Low forceps	120	17	14.17
Vaginal breech	16	4	25.00
Elective CS	270	19	7.04
Emergency CS & others	686	76	11.08

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

#No of babies

POSTPARTUM HAEMORRHAGE and POSTPARTUM ANAEMIA



PUERPERAL PYREXIA

Total number of cases			64
Incidence (%)			1.60
Primiparous			51
Multiparous			13
Causes			
Reactionary			5
Breast problem			9
Urinary tract infection			9
Genital tract infection			15
Wound infection			6
Other causes			9
Unknown			21
Mode of delivery			
	Total*	Cases*	Incidence(%)
Spontaneous vaginal	2538	10	0.39
Vacuum extraction	445	4	0.90
Low forceps	120	1	0.83
Vaginal breech	16	0	0.00
Elective caesarean section	270	7	2.59
Emergency CS and others	686	46	6.71

*No of babies

OTHER COMPLICATIONS

	Cases	%
Third degree tear	5	0.12
Other genital tract trauma	7	0.17
Ruptured uterus without PPH	0	0.00
Hysterectomy	2	0.05

INDUCTION OF LABOUR

Total number of cases 1175
 Incidence (%) 29.33

Parity	Total	Cases	Incidence(%)
Primiparous	2285	842	36.85
Multiparous	1721	333	19.35

Outcome of babies	Cases
Stillbirth - antepartum	2
Stillbirth - intrapartum	1
Stillbirth - undetermined	0
Neonatal deaths	1
Perinatal deaths	4

Mode of delivery	Cases	%
Spontaneous vaginal	666	56.39
Vacuum extraction	192	16.26
Low forceps	48	4.06
Vaginal breech	3	0.25
Caesarean section	272	23.03
Total*	1181	

Outcome of Induction	Cases	%
Successful	947	80.60
Failure#	228	19.40

*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	44	34
Maternal disease	11	5
Bad obstetric history	0	4
Past term	204	104
Hypertension ass. with pregnancy	28	7
Premature rupture of membranes	377	126
Antepartum haemorrhage	10	4
Multiple pregnancy	3	1
Suspected IUGR	27	6
Intrauterine death	2	0
Fetal anomaly	2	2
Suboptimal Cardiotocogram	70	14
Social reason	3	0
Others	123	44

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

Induction delivery interval (mean) 8.43 hours

Induction delivery interval in whole group

	Number*	%
1-10 hours	772	65.37
11-20 hours	398	33.70
>20 hours	11	0.93

*No of babies

TYPES OF LABOUR

Outcome of fetus versus types of labour

Type	not in labour	spon. onset	augmented labour	induced labour	total
Total births	509	2197	188	1181	4075
Stillbirth rate/1000	0 0.00	7 3.19	0 0.00	3 2.54	10 2.45
NN death rate/1000	3 5.89	5 2.28	0 0.00	1 0.85	9 2.21
PN death rate/1000	3 5.89	11 5.01	0 0.00	4 3.39	19 4.66

Mode of delivery versus types of labour

Mode of delivery	not in labour	spon. onset	augmented labour	induced labour	total
Total births	509	2197	188	1181	4075
Spontaneous vaginal (%)	0 0.00	1785 81.25	87 46.28	666 56.39	2538 62.28
Vacuum extract (%)	0 0.00	217 9.88	36 19.15	192 16.26	445 10.92
Low forceps (%)	0 0.00	63 2.87	9 4.79	48 4.06	120 2.94
Vaginal breech (%)	0 0.00	12 0.55	1 0.53	3 0.25	16 0.39
CS & others (%)	509 100.00	120 5.46	55 29.26	272 23.03	956 23.46

OBSTETRIC ANALGESIA DURING LABOUR

Patients with Intrapartum Epidural	451		
Primiparous	361		
Multiparous	90		
Epidural Rate	11.26		
	Number		%
Number with induction of labour	296		65.63
Mode of delivery	Number		%
Normal spontaneous	152		33.41
Vacuum extraction	113		24.84
Forceps delivery	34		7.47
Vaginal breech delivery	2		0.44
Caesarean section	154		33.85
Duration of first and second stages (in minutes)	First		Second
Without epidural	225		27
With epidural	400		109

PREGNANCY FOLLOWING PREVIOUS CAESAREAN SECTION

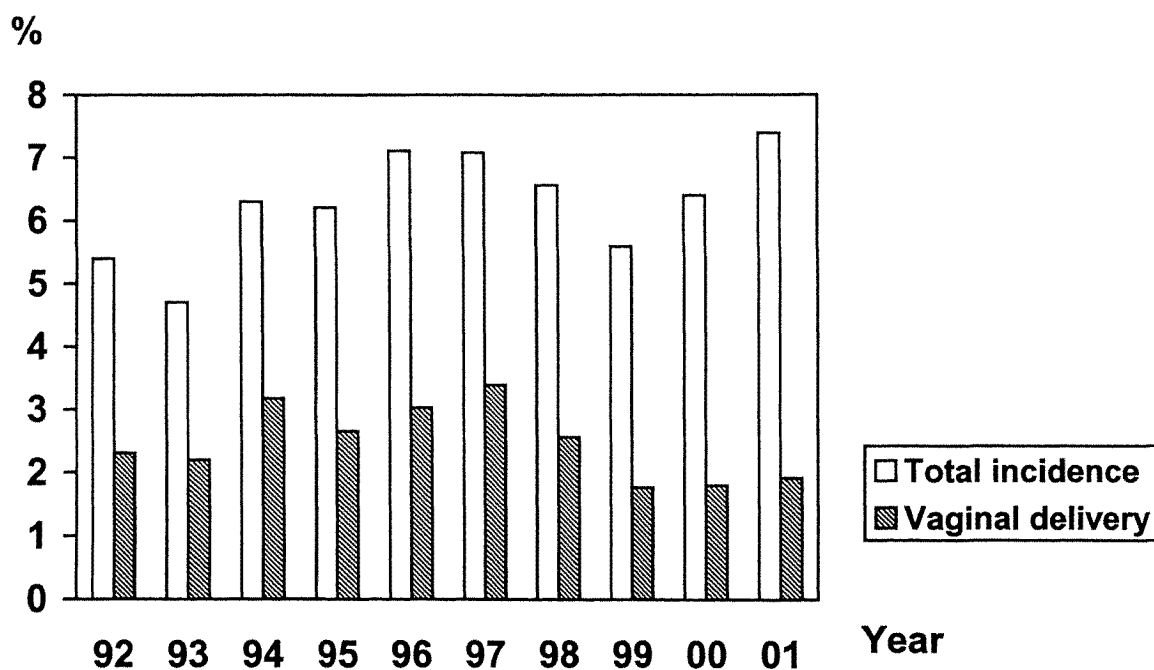
Total number of cases	295
Incidence (%)	7.36

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

Mode of delivery	Cases*	%
Spontaneous vaginal delivery	59	20.00
Vacuum extraction	14	4.75
Low forceps	2	0.68
Vaginal breech delivery	2	0.68
Elective caesarean section	113	38.31
Emergency CS & others	109	36.95

*No of babies

PREGNANCY FOLLOWING PREVIOUS CAESAREAN SECTION



BREECH PRESENTATION

At delivery

Total number of cases	203
Incidence (%)	4.98

Parity	Total	Cases	%
Primiparous	2328	136	5.84
Multiparous	1747	67	3.84

Outcome	Cases	Rate (per 1000)
Stillbirth-ante partum	2	9.85
Stillbirth-intrapartum	0	0.00
Stillbirth-undetermined	0	0.00
Neonatal death	3	14.78
Perinatal death	5	24.63

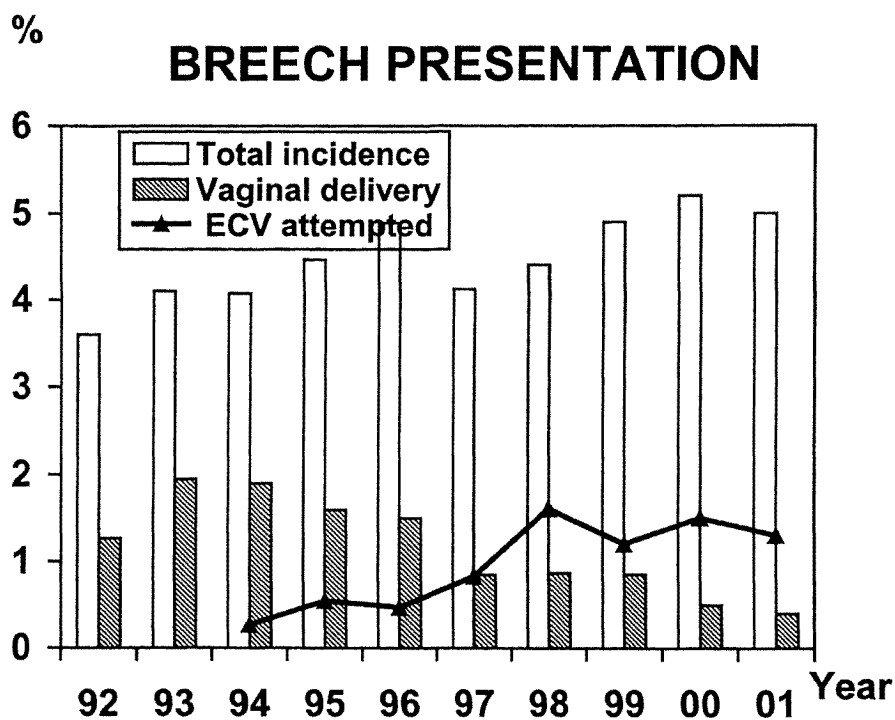
Mode of delivery	Cases	%
Assisted breech delivery	14	6.90
Other vaginal breech delivery	2	0.99
Elective caesarean section	89	43.84
Emergency CS & others	98	48.28

Gestational age at delivery	Total	Cases	%
<37 weeks	238	47	19.75
37-40 weeks	3333	151	4.53
>40 weeks	504	5	0.99

Number of pregnancies	Total	Cases	%
Singleton	3940	167	4.24
Multiple pregnancies	135	36	26.67

External Cephalic Version (ECV)

Parity	Cases	Successful	Successful %
Primiparous	28	13	46.43
Multiparous	25	18	72.00
Total	53	31	58.49



MALPRESENTATION OTHER THAN BREECH PRESENTATION*

Total number of cases 25
 Incidence (%) 0.61

Mode of delivery	Face/brow	Compound	Transverse
Spontaneous vaginal	1	0	0
Vacuum extraction	0	0	0
Low forceps	0	0	0
Vaginal breech	0	0	0
Elective CS	0	0	11
CS & others	3	0	10
Total	4	0	21

Outcome of fetus	Face/brow	Compound	Transverse
Stillbirth-ante partum	0	0	0
Stillbirth-intra partum	0	0	0
SB-undetermined	0	0	0
Neonatal death	0	0	0
Perinatal death	0	0	0

*Excluding malposition of occiput.

PROLAPSE & PRESENTATION OF UMBILICAL CORD

Total number of cases	2
Incidence (%)	0.05

Outcome of fetus	Cases	%
Stillbirth - antepartum	0	0.00
Stillbirth - intrapartum	0	0.00
Stillbirth - undetermined	0	0.00
Neonatal death	0	0.00
Perinatal death	0	0.00

Mode of presentation	Total	Cases	%
Vertex	3839	1	50.00
Breech : extended leg(s)	90	1	50.00
flexed legs	105	0	0.00
footling	8	0	0.00
Face/brow	4	0	0.00
Compound	0	0	0.00
Transverse/oblique	21	0	0.00
Others	8	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	0	0.00
Other breech delivery	0	0.00
Caesarean section	2	100.00

MODE OF OPERATIVE DELIVERY

Total number of cases	1521
Incidence (%)	37.33

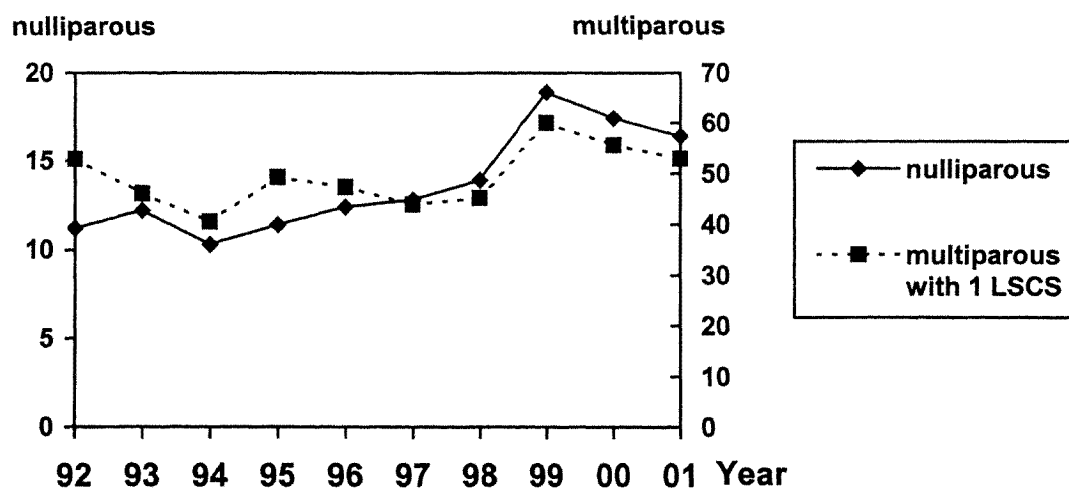
Parity	VE	Forceps	CS
Primiparous	360	105	601
Multiparous	85	15	355
Total	445	120	956
Incidence (%)	10.92	2.94	23.46

Types of abdominal delivery	Number
Elective LSCS	270
Elective classical CS	0
Emergency LSCS	681
Emergency Classical CS	3
Caesarean hysterectomy	1
Others (laparotomy etc.)	1

LSCS in term, singleton, vertex presenting fetuses	Number	CS	%
Nulliparous parturients	2285	374	16.4
Multiparous parturients with 1 previous LSCS	204	108	52.9

Outcome of fetus	VE	LF	Elective CS	Emergency CS & others
Livebirths	444	120	270	686
Stillbirths	1	0	0	0
Neonatal death	0	0	2	2
Perinatal death	1	0	2	2

LSCS rate in term, singleton, vertex presenting fetuses



INDICATIONS FOR ASSISTED DELIVERY*

Indication	VE	LF
Maternal disease	3	4
Maternal distress	7	1
Previous caesarean section	2	0
Obstetric complications	1	0
Fetal distress	167	48
Cord prolapse	0	0
Prolonged second stage	272	66
Others	7	3

INDICATIONS FOR CAESAREAN SECTIONS

Indication	CS
GDM/DM	18
Maternal disease	5
Previous uterine scar	205
Bad obstetric history	0
Antepartum haemorrhage	71
Hypertension	25
Multiple pregnancy	92
Fetal distress	109
Cord prolapse	2
Intrauterine growth retardation	21
Malpresentation/lie	160
No progress	61
Cephalopelvic disproportion	41
Contracted/unfavourable pelvis	1
Failed instrumental delivery	2
Tumour/anomaly	1
Failed induction	143
Elderly/Infertility	0
Suspected macrosomia	2
Social reason	0
Others	164

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

APGAR SCORE AT BIRTH VERSUS MODE OF DELIVERY*

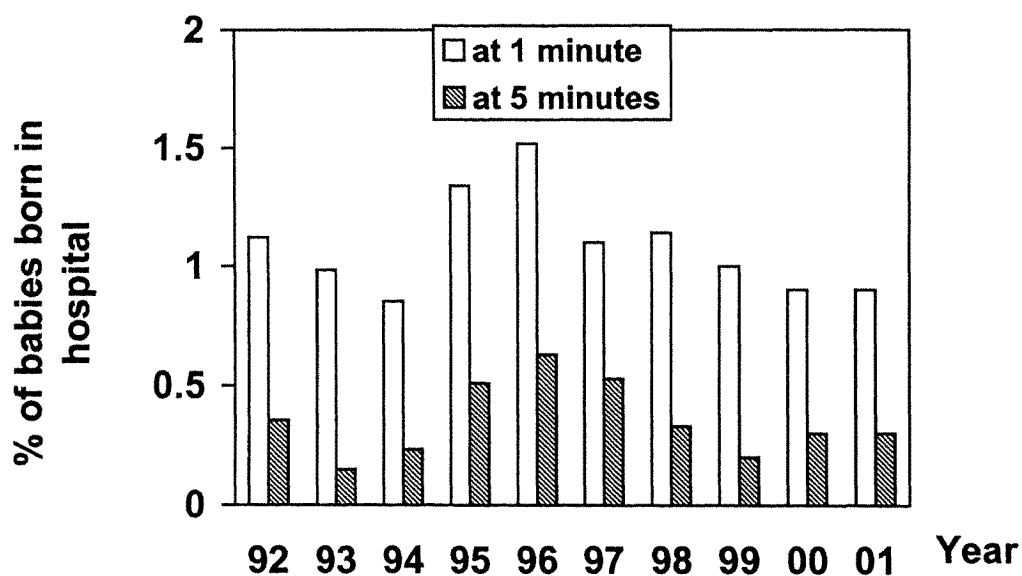
Apgar score at 1 minute

Method of delivery	AS <4	AS 4-6	AS >6	Subtotal
Spontaneous vaginal	8	53	2468	2529
Vacuum extraction	2	40	403	445
Low forceps	2	8	110	120
Vaginal breech	3	6	7	16
Elective CS	3	13	254	270
Emergency CS & others	9	70	606	685
Total	27	190	3848	4065
%	0.66	4.67	94.66	

Apgar score at 5 minute

Method of delivery	AS <4	AS 4-6	AS >6	Subtotal
Spontaneous vaginal	2	6	2521	2529
Vacuum extraction	0	3	442	445
Low forceps	0	1	119	120
Vaginal breech	2	1	13	16
Elective CS	2	1	267	270
Emergency CS & others	1	6	678	685
Total	7	18	4040	4065
%	0.17	0.44	99.38	

NEONATAL ASPHYXIA* (APGAR SCORES LESS THAN 4)



*Excluding babies born before arrival

PERINATAL DATA

Total livebirths & stillbirths	4075
Primiparous	2328
Multiparous	1747
Born before arrival	10
Total livebirths	4065
Primiparous	2323
Multiparous	1742

BASIC INFORMATION

Total birth \geq 500 g	4075
Average birthweight(kg)	3138 (sd= 528)
Stillbirth \geq 500 g	10
Early (1st week) neonatal deaths	9
Late (2nd-4th wk) neonatal deaths	0
Total birth \geq 1 kg	4044
Stillbirth \geq 1 kg	6
Early (1st week) neonatal deaths	6
Late (2nd-4th wk) neonatal deaths	0
Stillbirths with lethal malformations	2
Neonatal deaths with lethal malformations	4
Perinatal deaths with lethal malformations	6
Lethal malformation rate per 1000 births	1.47

EXCLUDING LETHAL MALFORMATION (including < 1 kg)

Stillbirth rate per 1000 total births(n=8)	1.96
Neonatal mortality rate /1000 livebirths(n=5)	1.23
Perinatal mortality rate /1000 total births(n=12)	2.94

EXCLUDING BIRTH < 1 kg (including malformation)

Stillbirth rate per 1000 total births(n=6)	1.47
Neonatal mortality rate /1000 livebirths(n=6)	1.48
Perinatal mortality rate /1000 total births(n=12)	2.94

EXCLUDING BIRTH < 1 kg and babies with lethal malformation

Stillbirth rate per 1000 total births(n=4)	0.98
Neonatal mortality rate /1000 livebirths(n=2)	0.49
Perinatal mortality rate /1000 total births(n=6)	1.47

SUMMARY OF FETAL LOSS

	Total	Stillbirths	
		No of	rate
Total	4075	10	2.45
Booked	3445	6	1.74
Non-booked	630	4	6.35
Primiparous	2328	5	2.15
Multiparous	1747	5	2.86

	Livebirths	Neonatal deaths	
		No of	Rate
Total	4065	9	2.21
Booked	3438	7	2.04
Non-booked	627	2	3.19
Primiparous	2323	7	3.01
Multiparous	1742	2	1.15

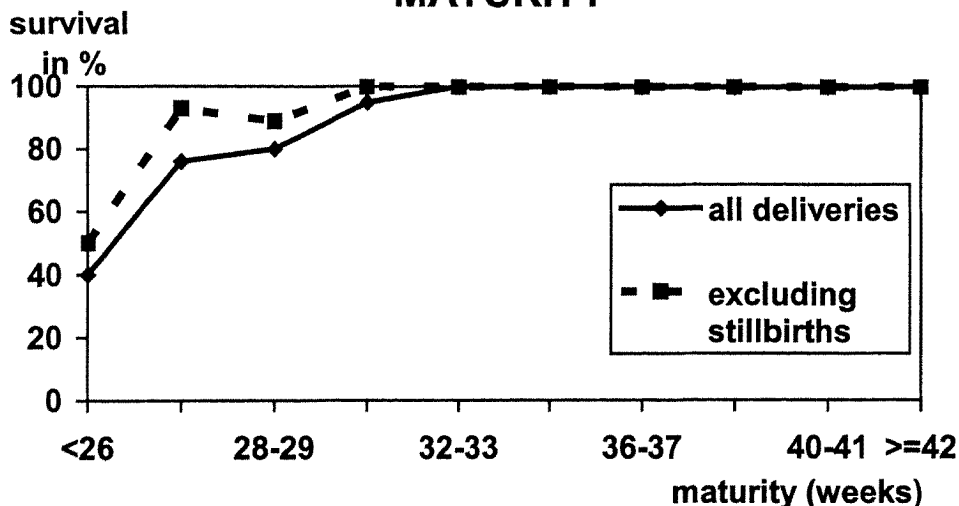
	Total	Perinatal deaths	
		No of	Rate
Total	4075	19	4.66
Booked	3445	13	3.77
Non-booked	630	6	9.52
Primiparous	2328	12	5.15
Multiparous	1747	7	4.00

FETAL LOSS VERSUS GESTATIONAL AGE*

Gestational age (weeks)	Total births	Live Births	Stillbirth	Neonatal deaths	Perinatal deaths
<26	5	4	1	2	3
rate /1000			0.00	500.00	400.00
26-27	17	14	3	1	4
rate /1000			176.47	71.43	235.29
28-29	20	18	2	2	4
rate /1000			100.00	111.11	200.00
30-31	20	19	1	0	1
rate /1000			50.00	0.00	50.00
32-33	24	24	0	0	0
rate /1000			0.00	0.00	0.00
34-35	90	90	0	2	2
rate /1000			0.00	22.22	22.22
36-37	192	192	0	0	0
rate /1000			0.00	0.00	0.00
38-39	1304	1302	2	1	3
rate /1000			1.53	0.77	2.30
40-41	2347	2346	1	1	2
rate /1000			0.43	0.43	0.85
>=42	53	53	0	0	0
rate /1000			0.00	0.00	0.00
Total	4072	4062	10	9	19

* 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.

FETAL SURVIVAL ACCORDING TO MATURITY

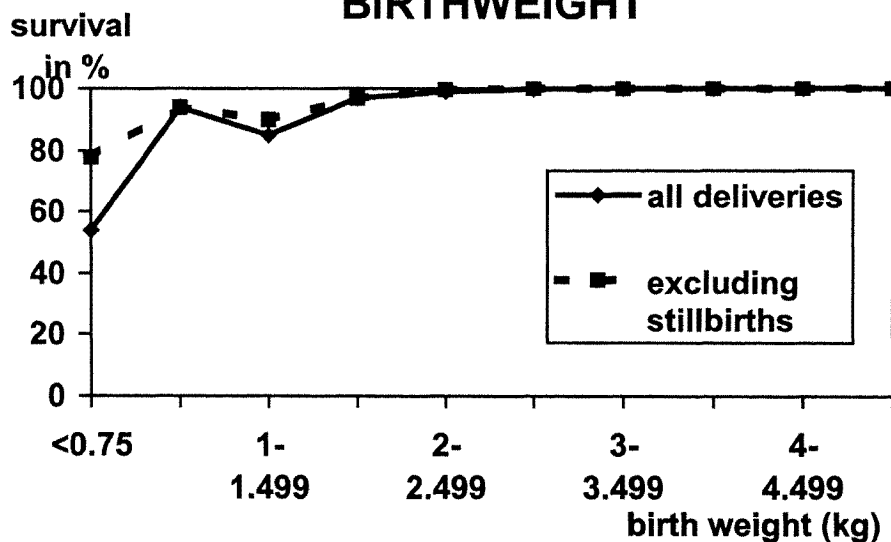


NUMBER OF FETAL LOSS VERSUS BIRTH WEIGHT*

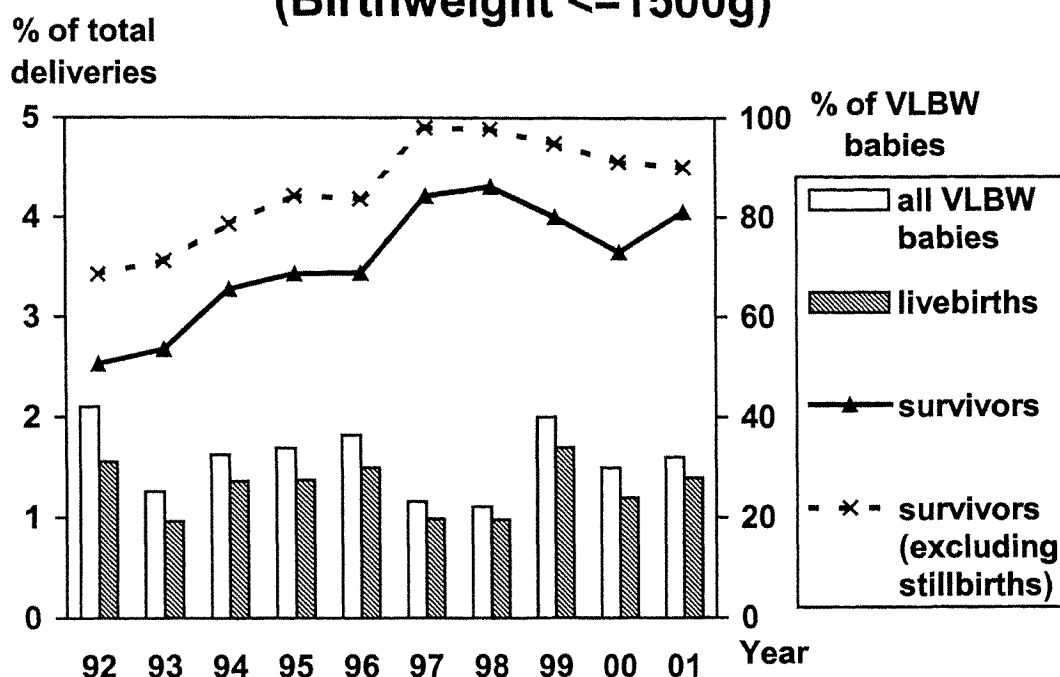
Birth weight in grammes	Total births	Live Births	Still births	Neonatal deaths	Perinatal deaths
500-749	13	9	4	2	6
rate /1000			230.77	222.22	384.62
750-999	18	18	0	1	1
rate /1000			0.00	55.56	55.56
1000-1499	34	32	2	3	5
rate /1000			58.82	93.75	147.06
1500-1999	64	64	0	2	2
rate /1000			0.00	31.25	31.25
2000-2499	207	206	1	1	2
rate /1000			4.83	4.85	9.66
2500-2999	1014	1012	2	0	2
rate /1000			1.97	0.00	1.97
3000-3499	1825	1824	1	0	1
Rate /1000			0.55	0.00	0.55
3500-3999	778	778	0	0	0
rate /1000			0.00	0.00	0.00
4000-4499	114	114	0	0	0
rate /1000			0.00	0.00	0.00
>=4500	8	8	0	0	0
rate /1000			0.00	0.00	0.00
Total	4075	4065	10	9	19

*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	57	168	13	238
Term	427	2998	359	3784
Past term	3	49	1	53
Total	487	3215	373	4075
(%)	11.95	78.90	9.15	

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	2
2. Isoimmunization	0
3. Pregnancy induced hypertension	0
4. Antepartum haemorrhage	0
5. Mechanical	0
6. Maternal disorder	1
7. Unclassifiable	3
8. Unexplained	3
9. Miscellaneous	1
Total	10

OBSTETRICAL CAUSES OF NEONATAL DEATHS

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

PAEDIATRIC CLASSIFICATION OF CAUSE OF NEONATAL DEATHS

Cause	Major	Attributory
Congenital anomaly	5	0
Haemolytic disease of newborn	0	0
Hypoxia	0	0
Birth trauma	1	0
Respiratory distress syndrome	1	0
Intracranial haemorrhage	0	1
Infection	0	0
Others	0	0
Miscellaneous	2	0

BIRTH TRAUMA

Total cases	161
Incidence (%)	4.0

TYPES OF BIRTH TRAUMA *

	Number	%
Cephalhaematoma	104	64.6
Soft tissue trauma	2	1.2
Subaponeurotic haemorrhage	2	1.2
Intracranial haemorrhage	2	1.2
Fractures	46	28.6
Nerve injury	5	3.1
Visceral injury	1	0.6

Fetal outcome	
Stillbirths	0
Neonatal deaths	0
Perinatal deaths	0

Mode of delivery	Total	Cases	Incidence /100 births
Spontaneous	2538	17	0.7
Vacuum extraction	445	38	8.5
Low forceps	120	6	5.0
Vaginal breech	15	0	0.0
Elective caesarean section	270	1	0.4
Emergency CS & others	686	0	0.0

*Each baby may have more than 1 type of trauma

CONGENITAL MALFORMATION

Total number	336
Incidence (%)	8.4

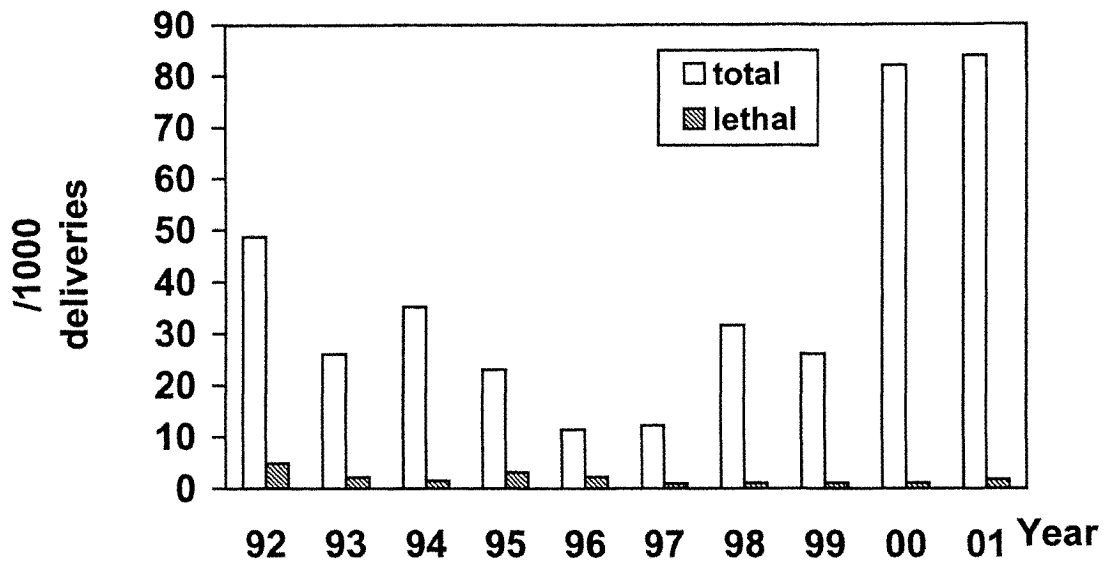
TYPES OF MALFORMATIONS

	Number	%
Chromosomal abnormalities	14	4.2
Central nervous system	9	2.7
Face,eye,ear,oral cavity	49	14.6
Gastrointestinal tract	15	4.5
Cardiovascular system	91	27.1
Respiratory system	8	2.4
Urogenital system	61	18.2
Skeletal system	73	21.7
Multiple abnormalities	3	0.9
Others	13	3.9

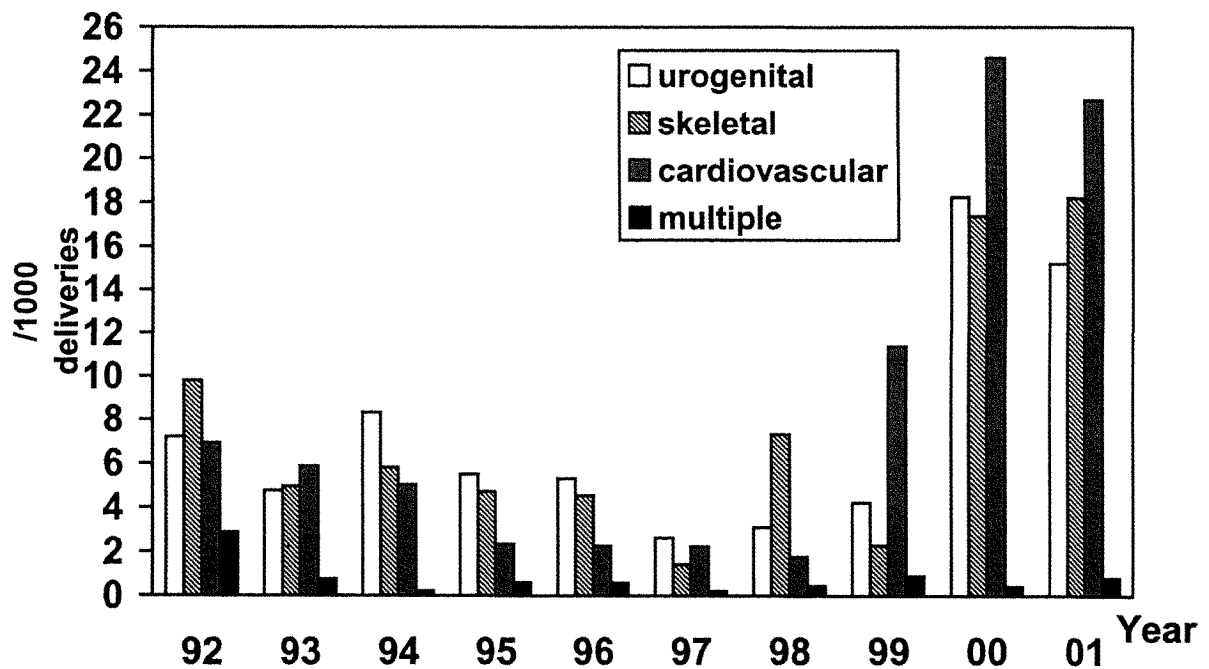
Fetal mortality	
Stillbirth	2
Neonatal deaths	5
Perinatal deaths	7

Incidence (%)	
among livebirths	8.4
among stillbirths	20.0
among neonatal deaths	55.6
among low birth weight babies (<2.5 kg)	2.1

CONGENITAL MALFORMATIONS



TYPES OF CONGENITAL MALFORMATIONS



OTHER NEONATAL COMPLICATIONS

	Cases	%
Admission To Intensive Care Unit	160	4.0
Respiratory Distress Syndrome	33	0.8
Intraventricular Haemorrhage	29	0.7
Necrotising Enterocolitis	20	0.5
Major Infection		
Congenital infection	6	0.2
Pneumonia	96	2.4
Septicaemia	28	0.7
Meningitis	0	0.0
Other major infection	6	0.2

GYNAECOLOGY

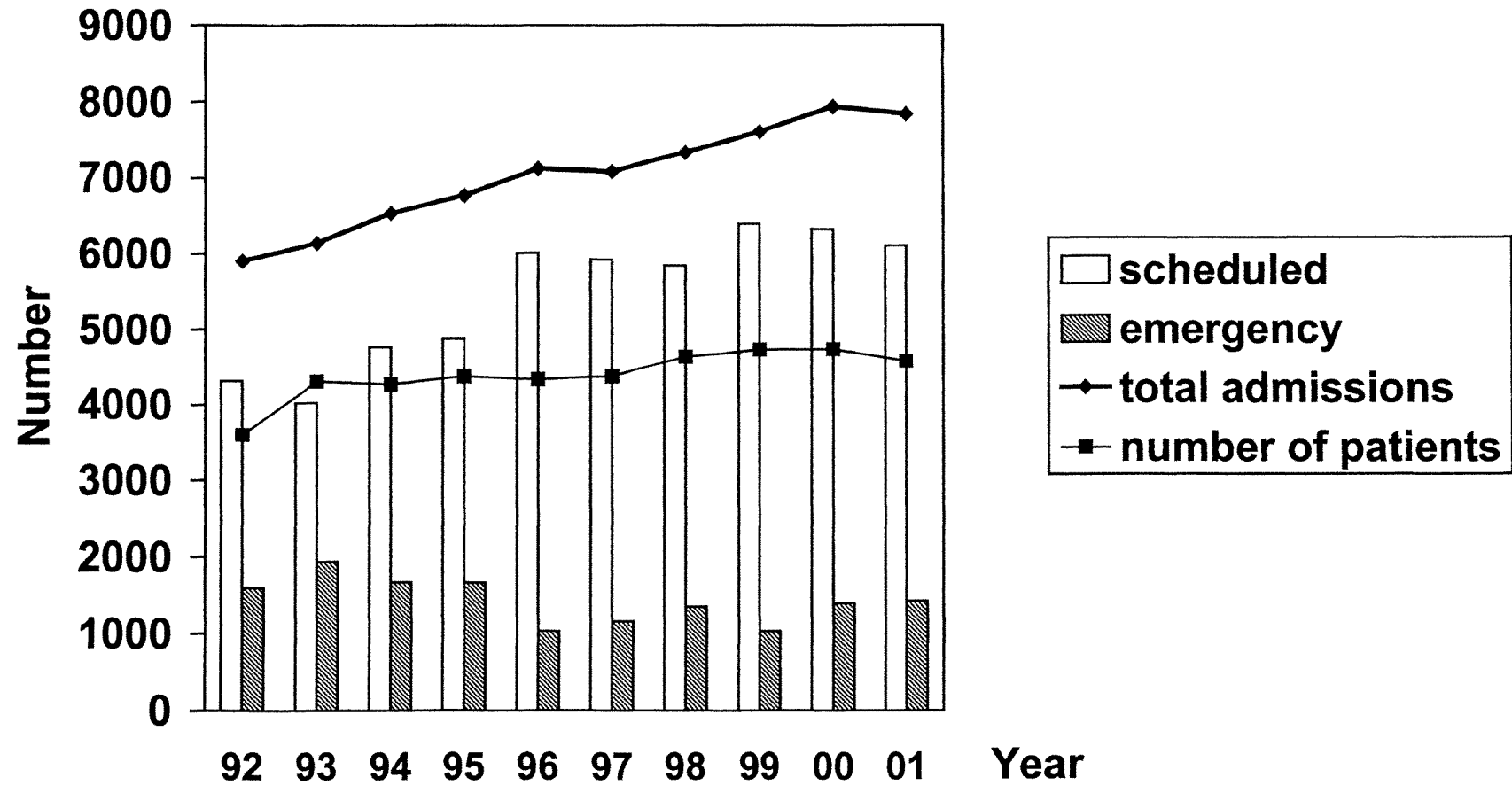
COMPARATIVE STATISTICS (1992 - 2001)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total admissions	5901	6137	6530	6769	7115	7071	7325	7597	7931	7832
Emergency	1591	1935	1612	1657	1033	1157	1347	1031	1391	1422
Scheduled	4310	4022	4757	4867	6002	5914	5835	6388	6319	6096
Total number of patients admitted	3602	4303	4263	4367	4322	4367	4623	4719	4726	4567
Diseases of uterine cervix (%)	6.11	9.6	8.77	7.9	6.2	9.4	7.8	8.8	10.4	9.3
Diseases of uterine body (%)	10.41	10.64	11.28	10.4	10.4	9.5	9.2	11.3	9.9	12.2
Diseases of ovary(%)	5.94	7.41	9.83	7.81	7.7	13.1	12.2	14.1	15.5	17.8
Diseases of menstruation (%)	11.69	10.48	9.52	10.74	9.6	7.1	7.6	6.8	6.7	8.9
Disorders of pregnancy & reproduction (%)	52.64	54.52	55.22	56.72	59.5	53.1	53.6	52.3	51.3	44.8
Major abdominal surgery for benign conditions	429	493	505	489	423	420	451	247*	234*	251*
Major abdominal surgery for malignant conditions	73	127	163	115	132	102	117	140	159	133
Major vaginal operations	28	44	54	57	68	112	83	66*	81*	91*
Major vulval operations	9	11	8	2	6	6	15	18	9	11
Endoscopic procedures+		280	318	504	825	833	897	1058	1027	1077
Assisted reproduction procedures+		458	676	875	1049	1174	1252	1284	1253	1106
Minor abdominal operations	405	158	143	52	16	21	6	8	4	3
Other minor operations	1830	1899	1857	1738	1686	1523	1501	1832	1641	1381
Death	39	32	23	17	9	11	17	17	14	14

* excluding laporoscopic surgery

+ data collected only after 1993

ADMISSIONS TO GYNAECOLOGICAL WARDS



OUTPATIENTS STATISTICS

	New	Follow-up
GENERAL GYNAECOLOGY CLINICS		
Queen Mary S5 Specialist Clinic	3849	9591
Tsan Yuk Specialist Clinic	590	831
SUBSPECIALTY CLINICS		
Colposcopy Clinics	784	3036
Diagnosis		
nonspecific changes in cervical smears		150
inflammatory		65
warts		128
low grade squamous intraepithelial lesions		186
high grade squamous intraepithelial lesions		156
microinvasive carcinoma of cervix		4
invasive carcinoma of cervix		5
Adenocarcinoma in-situ		8
vulval intraepithelial neoplasia		0
vaginal intraepithelial neoplasia		6
others		66
Procedures		
large loop excision of transformation zone		158
cryotherapy		11
Male Subfertility Clinic	104	79
Menopause Clinics	137	698
Diagnosis		
surgical		20
natural		81
others		36
Procedures		
hormonal replacement therapy		
reasons for hormonal replacement therapy		
relief of menopausal symptoms		28
prevention of osteoporosis/cardiovascular disease		53
types of hormonal replacement therapy		
oestrogen only		26
cyclical combined oestrogen and progestogen		31
continuous combined oestrogen and progestogen		22
others		2
counselling		56
bone mineral density measurement		171

	New	Follow-up
Menstrual Disorder Clinics	132	1275
Oncology Clinics Attendances		
Gynaecology Oncology Follow-up		3112
Mole Clinic		963
Chemotherapy Clinic		1249
Ovarian Assessment Clinic	71	286
Reasons for referral		
pelvic mass on ultrasonography		61
screening of ovarian malignancy		7
others		3
Ultrasonographic diagnosis*		
simple ovarian cyst		54
dermoid cyst		16
endometriotic cyst		126
mucinous cystadenoma		6
serous cystadenoma		18
parovarian cyst		15
pseudocyst		18
hydrosalpinx		27
uterine leiomyoma		49
pelvic mass of uncertain nature		7
normal		57
malignancy		1
others		10
Referral for operation		26
* one patient may have more than one diagnosis		
Psychosomatic Clinic	2	11
Diagnosis		
Vaginismus	2	
Subfertility Clinics	475	1456

	New	Follow-up
Urogynaecology Clinic	159	649
Cystometry	80	
Surgery		
TVT	11	
Vaginal hysterectomy, pelvic floor repair	8	
Colposuspension	5	
Sacrocolpopexy	7	
Vaginal obturator shelf	1	
Sacrospinous fixation	1	
Manchester repair	1	
Referral to physiotherapist	74	

ADMISSIONS AND DISCHARGES STATISTICS

Total number of admissions	7832
Total number of admitted patients	4567

Status at admission

	Number	%
Scheduled	6096	77.8
Emergency	1422	18.2
Unplanned readmission	143	1.8
Transfer in	71	0.9

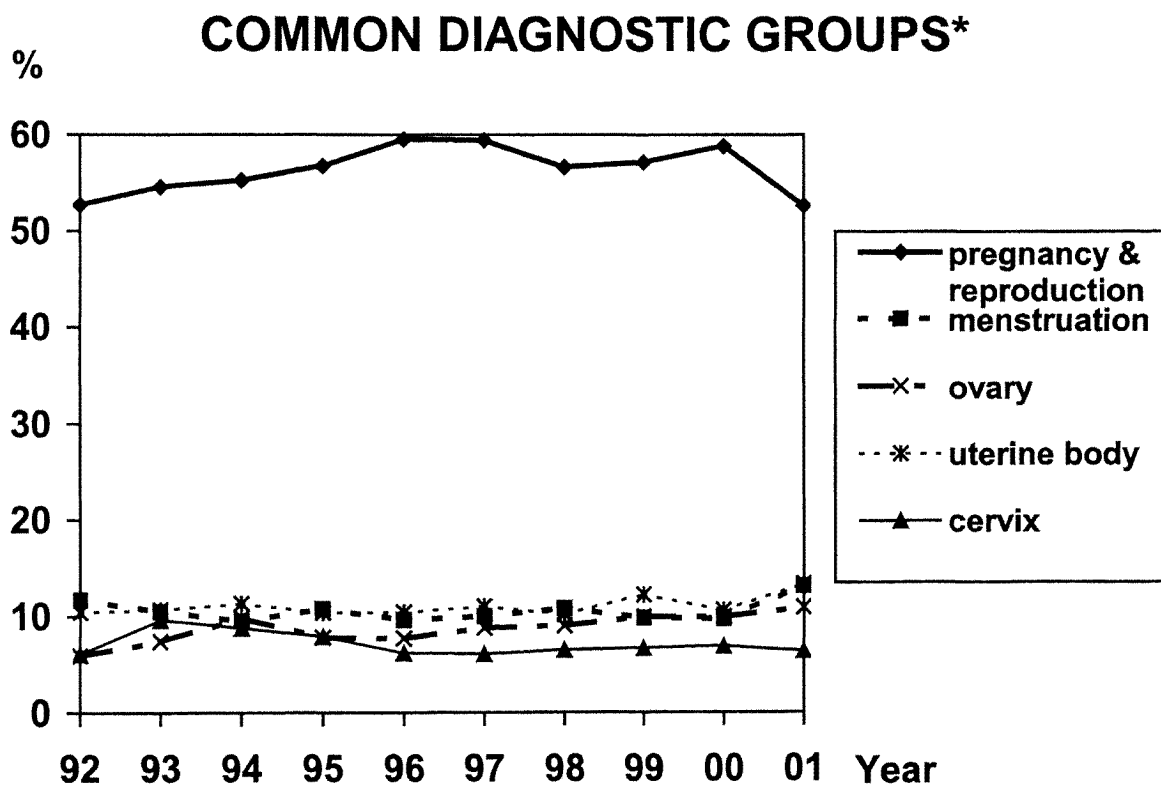
Status at discharge

	Number	%
Discharge home	7741	98.8
Transfer	2	0.0
Transfer convalescence	1	0.0
Death	14	0.2
DAMA	3	0.0

STATISTICAL SUMMARY

Diagnosis

	admissions		patients	
	number	%	number	%
Disease of vulva, perineum and urethra	133	1.7	109	2.4
Disease of vagina	78	1.0	53	1.2
Disease of uterine cervix	729	9.3	291	6.4
Disease of uterine body	956	12.2	608	13.3
Disease of fallopian tube	116	1.5	91	2.0
Disease of ovary	1398	17.8	496	10.9
Disease of broad ligament and pelvic peritoneum	82	1.0	72	1.6
Disease of genital displacement/ urinary incontinence	201	2.6	97	2.1
Disease of menstruation	698	8.9	599	13.1
Disease of pregnancy and reproduction	3505	44.8	2400	52.6
Complications in pregnancy	66	0.8	58	1.3
Miscellaneous gynaecological condition	208	2.7	190	4.2
Miscellaneous condition	292	3.7	243	5.3



*percentage of patients

Treatment	Number	%
Major abdominal surgery for benign conditions*	251	3.2
Major abdominal surgery for malignant conditions	133	1.7
Major vaginal operation*	91	1.2
Major vulval operation	11	0.1
Endoscopic procedures	1077	13.8
Colposcopic related procedures	44	0.6
Assisted reproduction procedures	1106	14.1
Minor abdominal operations	3	0.0
Other minor operations	1381	17.6
Radiotherapy	44	0.6
Other forms of treatment	4425	56.5

Complications	Number	%
Fever	6	0.1
Bowel injury	2	0.0
Urinary tract injury	0	0
Perforation of uterus	1	0.0
Chest infection	0	0
Urinary tract infection	2	0.0
Wound complication	4	0.1
Deep vein thrombosis	0	0
Cardiopulmonary arrest	0	0
Excessive blood loss	5	0.1
Postoperative haemorrhage	3	0.0
Major vascular injuring	0	0
Conversion of laparoscopic procedure to laparotomy	2	0.0
Others	4	0.1

* excluding laparoscopic surgery

DIAGNOSIS

Diseases of Vulva, Perineum and Urethra

	Admissions	Patients
Total	133	109
Congenital anomaly	0	0
Trauma	11	11
Infection	31	29
Benign neoplasm	10	9
Malignant neoplasm	26	9
Retention cyst	19	19
Vulval dystrophy	21	20
Urethral lesions	0	0
Miscellaneous	15	14

Diseases of Vagina

	Admissions	Patients
Total	78	53
Congenital anomaly	5	5
Trauma	6	6
Infection	5	4
Benign neoplasm	5	5
Malignant neoplasm	36	12
Retention cyst	3	3
Fistula	1	1
Vaginal intraepithelial neoplasia	1	1
Atrophic vaginitis	13	13
Miscellaneous	3	3

Diseases of Uterine Cervix

	Admissions	Patients
Total	729	291
Congenital anomaly	3	3
Trauma	1	1
Infection	5	5
Benign neoplasm	84	71
Carcinoma of cervix	565	175
new cases		83
stage I		46
stage II		21
stage III		10
stage IV		4
unstaged		1
recurrence		1
Other malignancy	4	2
Cervical intraepithelial neoplasia	59	50
Miscellaneous	8	8

Diseases of Uterine Body

	Admissions	Patients
Total	956	608
Congenital anomaly	6	6
Trauma	1	1
Infection	12	12
Fibromyoma	514	390
Carcinoma of corpus	240	102
new cases		51
stage I		33
stage II		6
stage III		7
stage IV		3
unstaged		2
recurrence		0
Other malignancy	25	12
Myohyperplasia	3	3
Endometrial polyp	85	75
Adenomyosis	39	39
Endometrial hyperplasia	20	12
Atrophic endometritis	2	2
Miscellaneous	9	6

Diseases of Fallopian Tubes

	Admissions	Patients
Total	116	91
Acute pelvic inflammatory disease	60	57
Chronic pelvic inflammatory disease	23	23
Tuberculous salpingitis	0	0
Benign neoplasm	4	4
Malignant neoplasm	27	7
Miscellaneous	2	2

Diseases of Ovary

	Admissions	Patients
Total	1398	496
Retention/functional cyst	16	16
Endometriotic cyst	194	169
Benign tumour/cyst	211	169
Primary malignant epithelial tumour	885	159
new cases		54
stage I		20
stage II		4
stage III		15
stage IV		5
unstaged		10
recurrence		0
Primary malignant non-epithelial tumour	75	28
Secondary malignant tumour	4	4
Borderline malignant tumour	4	3
Miscellaneous	9	8

Diseases of Broad Ligaments and Pelvic Peritoneum

	Admissions	Patients
Total	82	72
Pelvic endometriosis	54	48
Parovarian cyst	13	13
Miscellaneous	15	11

Genital Displacements / Urinary Problems

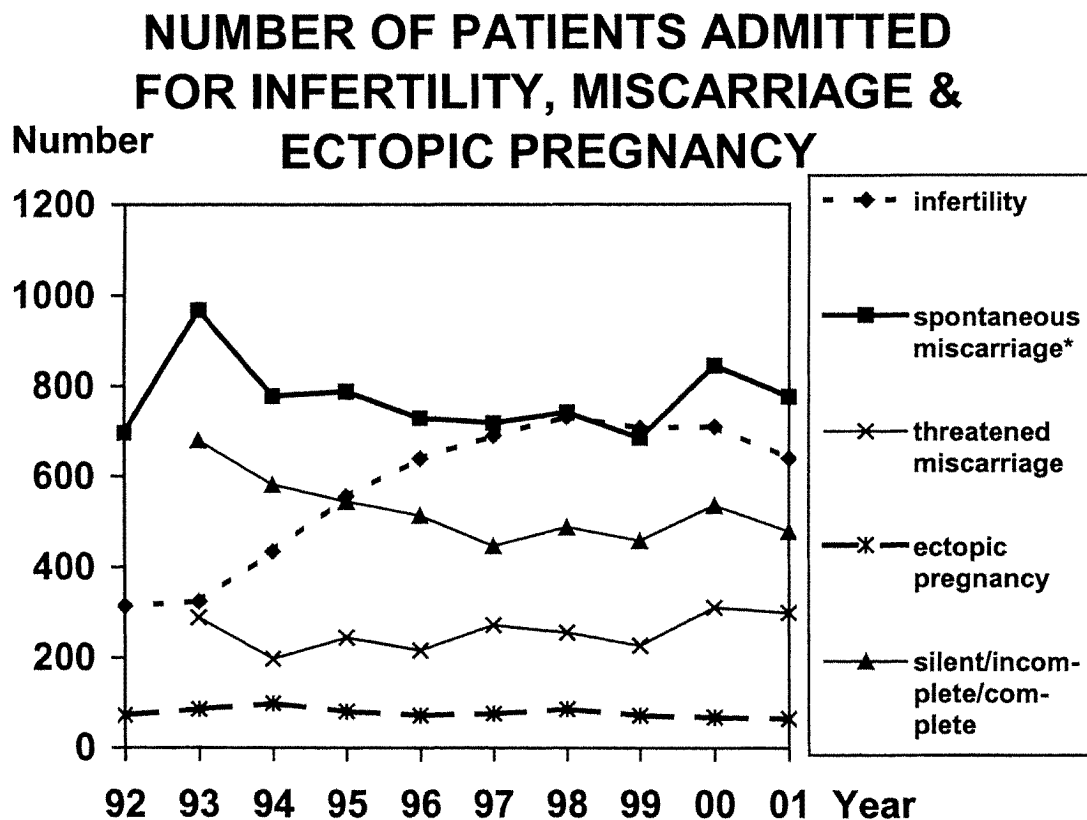
	Admissions	Patients
Total	201	97
Uterine prolapse	84	62
Cystocele/rectocele/enterocele	79	61
Stress incontinence	18	16
Detrusor instability	1	1
Vault prolapse	12	10
Miscellaneous	7	7

Disorders of Menstruation

	Admissions	Patients
Total	698	599
Primary amenorrhoea	2	2
Secondary amenorrhoea	4	3
Dysfunctional uterine bleeding	514	448
Postmenopausal bleeding	150	127
Dysmenorrhoea	26	24
Miscellaneous	2	2

Disorders of Pregnancy and Reproduction

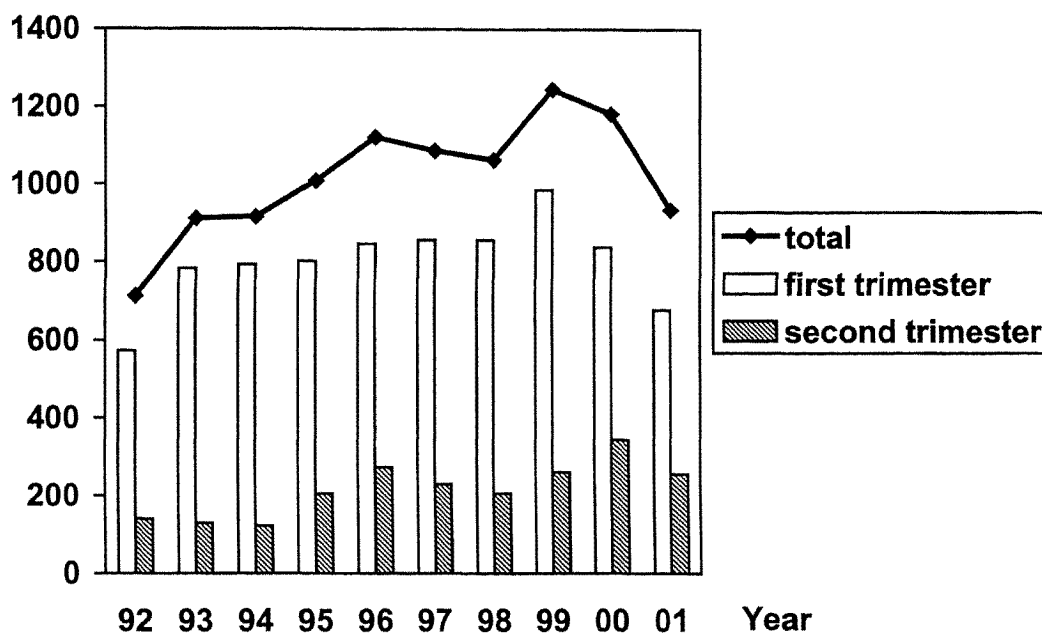
	Admissions	Patients
Total	3505	2400
Infertility	1298	639
Hyperemesis gravidarum	52	42
Threatened miscarriage	352	298
Spontaneous/silent miscarriage	506	478
Complete mole	16	9
Partial mole	5	4
Residual trophoblastic disease	34	15
Metastatic Malignant trophoblastic disease	25	8
Secondary postpartum haemorrhage	6	6
Other puerperal problems	4	4 </td
Ectopic pregnancy	64	64
First trimester termination of pregnancy	754	677
Second trimester termination of pregnancy	300	256
Sterilization	57	56
Miscellaneous	32	30



*miscarriages not separated to threatened or missed/complete/incomplete miscarriages before 1993

TERMINATION OF PREGNANCY*

Number



*number of patients

Complications in Pregnancy

	Admissions	Patients
Total	66	58
Benign tumour of genital tract	7	6
Malignant tumour of genital tract	0	0
Medical diseases	7	7
Surgical diseases	1	1
Non-specific abdominal pain	51	44

Miscellaneous Gynaecological Conditions

	Admissions	Patients
Total	208	190
Retained IUCD	8	8
Abdominal pain of unknown cause	14	13
Complication of treatment in the same unit	96	84
Complication of treatment in other unit	76	73
Miscellaneous	14	14

Miscellaneous Conditions

	Admissions	Patients
Total	292	243
Breast disease	5	5
Urinary tract disease	46	43
Gastrointestinal tract disease	40	38
Cardiovascular disease	31	29
Respiratory tract disease	13	10
Central nervous system disease	6	6
Endocrine disease	25	22
Blood disease	43	38
Dermatological/musculoskeletal disease	17	17
Miscellaneous	66	53

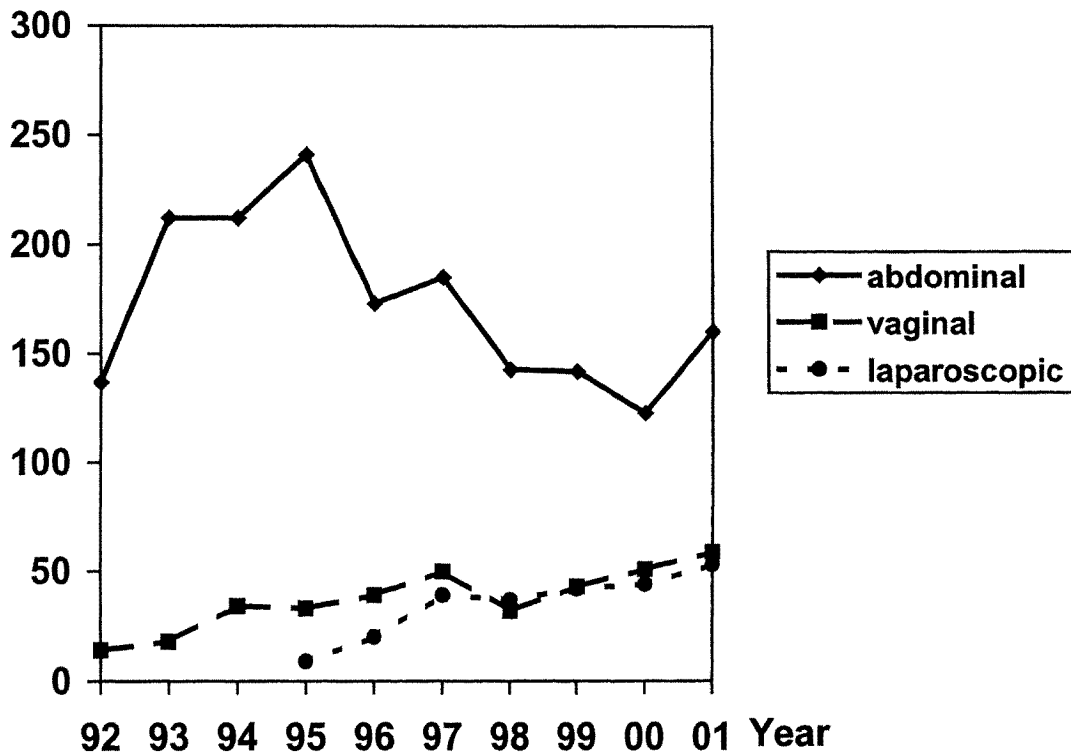
TREATMENT

Major Abdominal Surgery For Benign Conditions*

Total	251
Hysterectomy +/- salpingo-oophorectomy	160
Subtotal hysterectomy +/- salpingo-oophorectomy	0
Repair of urinary fistula	0
Myomectomy	21
Ovarian cystectomy	22
Salpingo-oophorectomy/Oophorectomy	16
Salpingectomy	10
Salpingotomy	0
Stress incontinence surgery	4
Adhesiolysis/tuboplasty	1
Drainage of pelvic abscess	2
Miscellaneous	19

HYSTERECTOMY FOR BENIGN CONDITIONS

Number



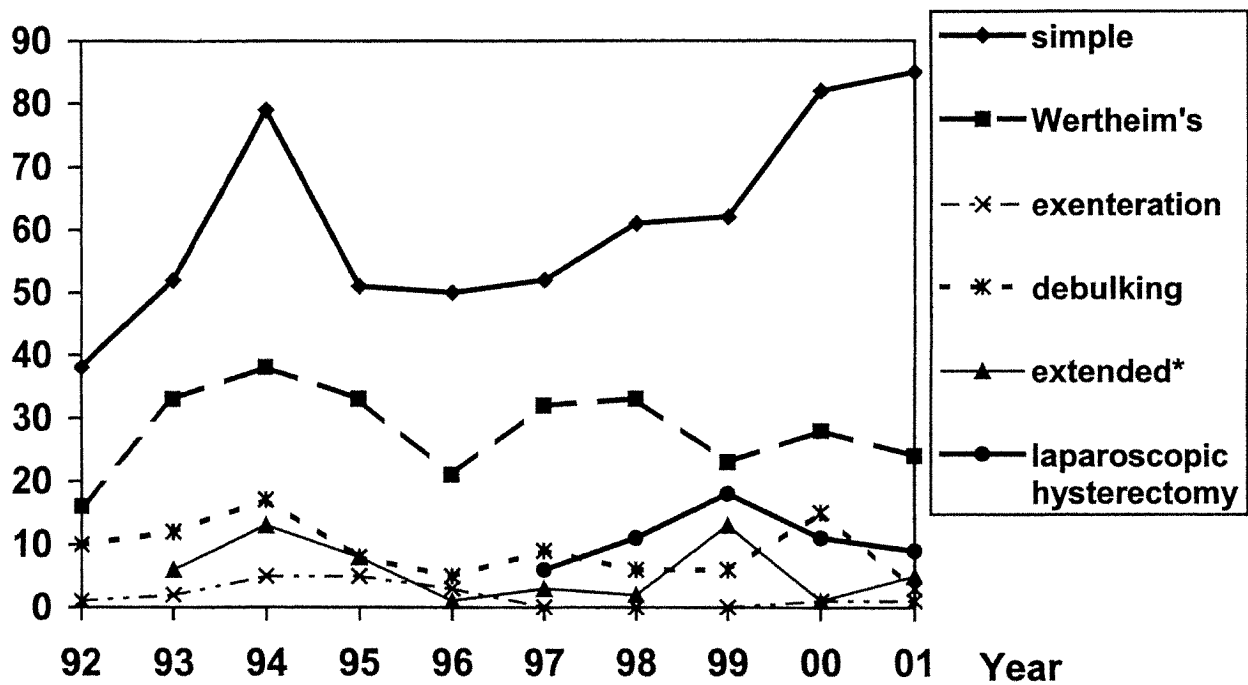
*excluding laporoscopic surgery

Major Abdominal Surgery For Malignant Conditions

Total	133
Hysterectomy +/- salpingo-oophorectomy	85
Subtotal hysterectomy +/- salpingo-oophorectomy	0
Wertheim's hysterectomy	24
Pelvic exenteration	1
Debulking	3
Extended hysterectomy	5
Oophorectomy/salpingo-oophorectomy	7
Miscellaneous	8

HYSTERECTOMY FOR MALIGNANT CONDITIONS

Number



*extended hysterectomy was grouped as simple hysterectomy before 1993

Major Vaginal Operations

Total	91
Incontinent surgery	9
Vaginal hysterectomy	23
Vaginal hysterectomy + pelvic floor repair	36
Pelvic floor repair	9
Repair of urinary fistula	0
Miscellaneous	14

Major Vulval Operations

Total	11
Radical vulvectomy	3
Simple vulvectomy	1
Wide local excision	4
Miscellaneous	3

Endoscopic Procedures

Total	1077
Diagnostic laparoscopy	159
Laparoscopic sterilization	55
LAVH/LH	62
Laparoscopic myomectomy	6
Laparoscopic ovarian cystectomy	141
Laparoscopic oophorectomy/salpingo-oophorectomy	63
Laparoscopic ovarian drilling	2
Laparoscopic salpingectomy	56
Laparoscopic salpingotomy	15
Laparoscopic adhesiolysis	16
Laparoscopic ablation/resection of endometriosis	6
Laparoscopic drainage of pelvic abscess	2
Laparoscopic lymphadenectomy	3
Other laparoscopic operations	17
Diagnostic hysteroscopy	418
Hysteroscopic polypectomy	23
Hysteroscopic myomectomy	22
Endometrial ablation	0
Other hysteroscopic operations	7
Cystoscopy	3
Miscellaneous	1

Colposcopy Related Procedures*

Total	44
Cervical Cautery	0
Laser Vaporization	0
Laser Cone	0
Loop Excision	23
Cone Biopsy	18
Miscellaneous	3

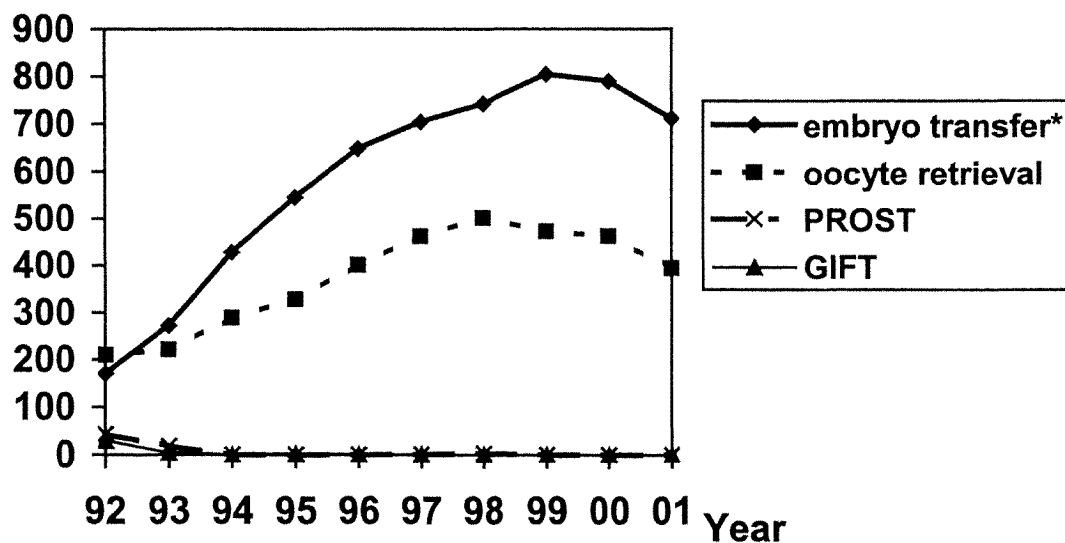
*most of the colposcopic procedures were performed as out patient

Assisted Reproduction Procedures

Total	1106
Oocyte retrieval (ultrasound guided)	395
Oocyte retrieval (laparoscopic)	0
Gamete intrafallopian transfer (GIFT)	0
Pronuclear stage transfer (PROST)	0
Embryo transfer	711
Miscellaneous	0

ASSISTED REPRODUCTION PROCEDURES

Number



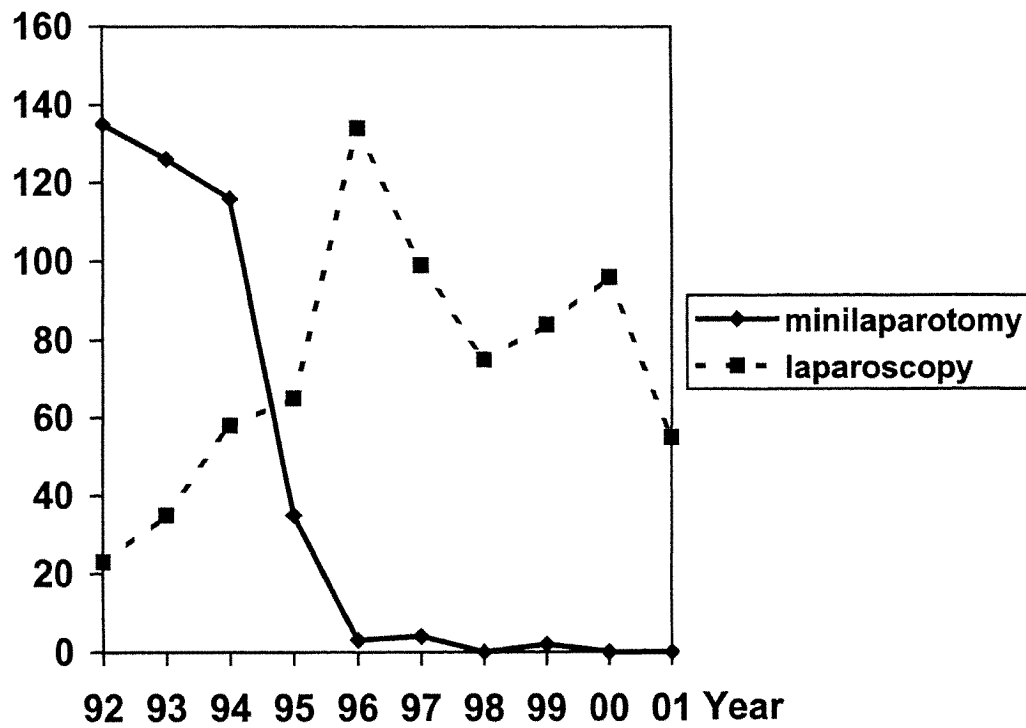
* including fresh and frozen embryo transfer cycles

Minor Abdominal Operations

Total	3
Tubal ligation	0
Resuture of abdominal wound	1
Miscellaneous	2

MINILAPAROTOMY & LAPAROSCOPIC STERILISATION

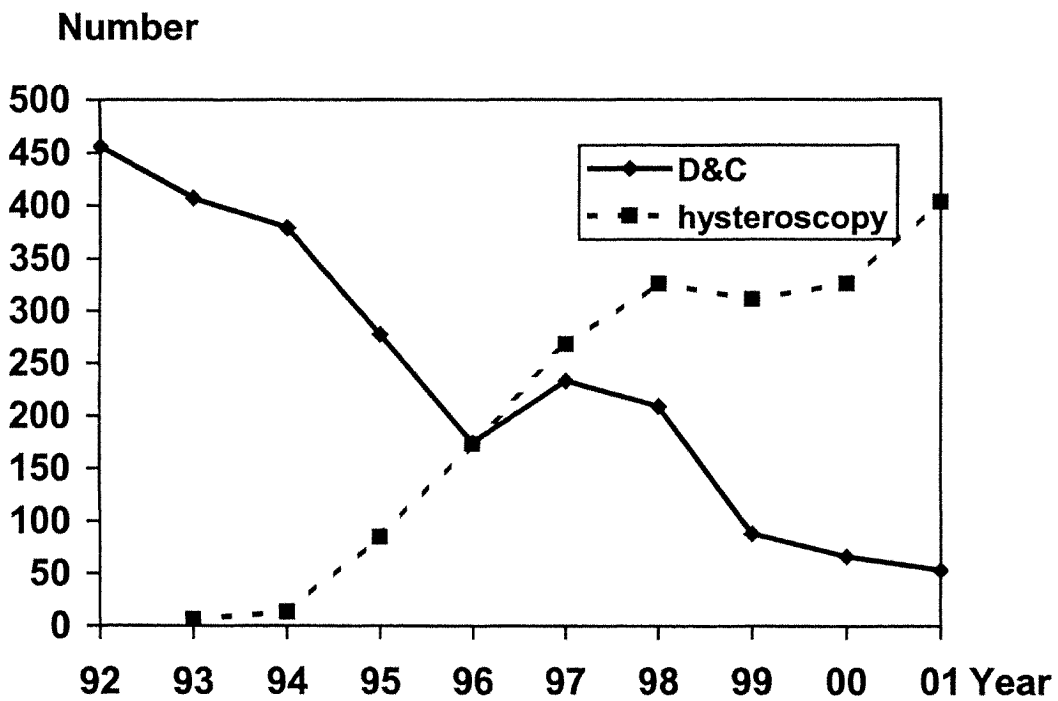
Number



Other Minor Operations

Total	1381
Dilatation and curettage / polypectomy	53
Suction termination of pregnancy	545
Evacuation of retained products of conception	289
Marsupialization	30
Cervical cerclage	1
Other vulval surgery	46
Examination under anaesthesia	7
Endometrial biopsy	331
Miscellaneous	79

D&C AND DIAGNOSTIC HYSTEROSCOPY*



*hysteroscopy performed for subfertility investigations not included and hysteroscopy performed prior to 1993 not recorded

Radiotherapy*

Total	44
Intracavitary radiotherapy	2
External radiotherapy	19
Miscellaneous	23

* 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	4425
Observation and investigations	2704
Antibiotic as primary treatment	125
Prostaglandins	396
Hormones	132
Chemotherapy	756
Other medication	38
Miscellaneous	274

COMPLICATION RATES IN RELATION TO COMMON OPERATIONS

	Total No.	No. of Complications (%)
Selected Major Abdominal Surgery	334	9 (2.7)
Hysterectomy (for benign conditions)	160	6 (3.8)
Myomectomy	21	0 (0)
Ovarian cystectomy	22	2 (9.1)
Salpingo-oophorectomy/oophorectomy	12	0 (0)
Salpingectomy	10	1 (10.0)
Salpingotomy	0	0 (0)
Hysterectomy (for malignant conditions)	85	0 (0)
Wertheim's hysterectomy	24	0 (0)
Vaginal Hysterectomy	59	4 (6.8)
Laparoscopy	573	6 (1.0)
Diagnostic laparoscopy	159	3 (1.9)
Laparoscopic sterilization	55	0 (0)
LAVH/LH	62	2 (3.2)
Laparoscopic myomectomy	6	0 (0)
Laparoscopic ovarian cystectomy	141	0 (0)
Laparoscopic oophorectomy/salpingo-oophorectomy	63	0 (0)
Laparoscopic salpingectomy	56	1 (1.8)
Laparoscopic salpingotomy	15	0 (0)
Laparoscopic adhesiolysis	16	0 (0)
Hysteroscopy	470	1 (0.2)
Diagnostic hysteroscopy	418	1 (0.2)
Operative hysteroscopy	52	0 (0)
Dilatation and curettage	53	0 (0.0)
Suction evacuation for termination of pregnancy	545	0 (0.0)
Evacuation of products of conception	289	0 (0.0)

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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[Hong Kong : the Dept.]

