

CATARACT SURGERY PRACTICE

Distribution of Types of Cataract Surgery by Centre

Distribution of Combined Surgery by Centre

Proportion of Nature of Cataract Surgery

Types of Anaesthesia

Types of Local Anaesthesia

Distribution of Single and Multiple Local Anaesthesia

Types of Sedation given to Patient Having Local Anaesthesia

Distribution of IOL Placement

Distribution of Cataract Surgery without IOL

Distribution of IOL- Material and Types

2. CATARACT SURGICAL PRACTICES

Table 2.1: Distribution of types of cataract surgery by centre

Centre	Types of cataract surgery													
	All surgeries		Lens aspiration		ECCE		PE		PE converted to ECCE		ICCE		Secondary IOL Implant	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
All Centres	3016	100	95	3	1682	56	1131	38	77	3	19	1	12	0
A	15	100	0	0	11	73	4	27	0	0	0	0	0	0
B	252	100	3	1	169	67	72	29	2	1	2	1	4	2
C	30	100	2	7	28	93	0	0	0	0	0	0	0	0
D	82	100	2	2	70	85	7	9	3	4	0	0	0	0
E	321	100	8	2	136	42	163	51	12	4	2	1	0	0
F	129	100	9	7	57	44	58	45	3	2	1	1	1	1
G	189	100	9	5	52	28	124	66	2	1	2	1	0	0
H	248	100	10	4	86	35	143	58	8	3	1	0	0	0
I	23	100	0	0	23	100	0	0	0	0	0	0	0	0
J	124	100	1	1	84	68	35	28	4	3	0	0	0	0
K	240	100	8	3	134	56	86	36	10	4	2	1	0	0
L	140	100	6	4	49	35	77	55	5	4	0	0	3	2
M	183	100	3	2	157	86	18	10	1	1	4	2	0	0
N	52	100	0	0	52	100	0	0	0	0	0	0	0	0
O	234	100	8	3	126	54	99	42	1	0	0	0	0	0
P	89	100	6	7	56	63	20	22	5	6	1	1	1	1
Q	105	100	3	3	55	52	42	40	5	5	0	0	0	0
R	33	100	0	0	33	100	0	0	0	0	0	0	0	0
S	111	100	1	1	63	57	45	41	0	0	2	2	0	0
T	139	100	4	3	54	39	69	50	8	6	1	1	3	2
U	207	100	8	4	123	59	67	32	8	4	1	0	0	0
V	70	100	4	6	64	91	2	3	0	0	0	0	0	0

Figure 2.1: Distribution of types of cataract surgery by centre

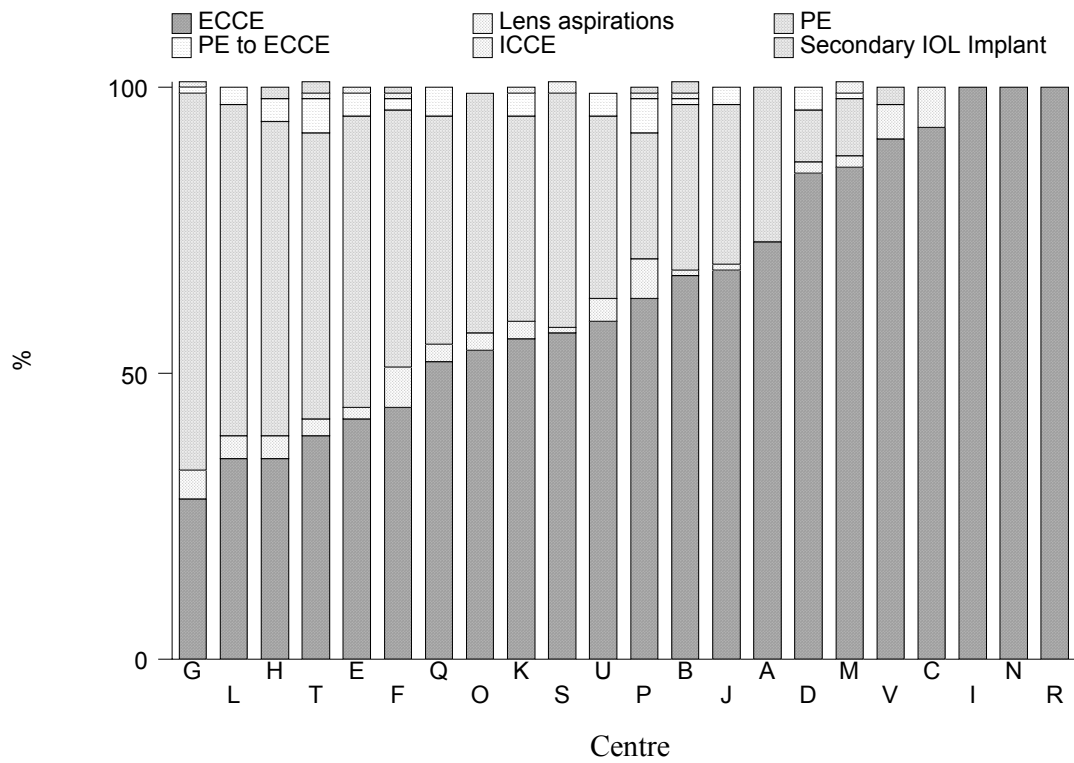


Table 2.2: Distribution of combined surgery by centre

Centre	Combined surgery													
	All surgeries		Any Combined surgery		Pterygium surgery		Filtering surgery		Vitreous-retinal surgery		Penetrating Keratoplasty		Other	
	No.		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
All Centres	3016	111	4	24	1	45	1	5	0	0	0	39	1	
A	15	1	7	0	0	0	0	0	0	0	0	1	7	
B	252	17	7	3	1	3	1	0	0	0	0	11	4	
C	30	3	10	2	7	0	0	0	0	0	0	1	3	
D	82	4	5	1	1	3	4	0	0	0	0	0	0	
E	321	18	6	1	0	11	3	3	1	0	0	4	1	
F	129	11	9	4	3	8	6	0	0	0	0	0	0	
G	189	7	4	5	3	0	0	0	0	0	0	2	1	
H	248	10	4	0	0	6	2	1	0	0	0	3	1	
I	23	0	0	0	0	0	0	0	0	0	0	0	0	
J	124	2	2	1	1	0	0	0	0	0	0	1	1	
K	240	3	1	0	0	3	1	0	0	0	0	0	0	
L	140	3	2	2	1	0	0	0	0	0	0	1	1	
M	183	6	3	0	0	3	2	1	1	0	0	2	1	
N	52	3	6	0	0	1	2	0	0	0	0	2	4	
O	234	2	1	0	0	2	1	0	0	0	0	0	0	
P	89	1	1	0	0	0	0	0	0	0	0	1	1	
Q	105	4	4	0	0	1	1	0	0	0	0	3	3	
R	33	2	6	1	3	1	3	0	0	0	0	0	0	
S	111	3	3	0	0	1	1	0	0	0	0	2	2	
T	139	5	4	3	2	1	1	0	0	0	0	1	1	
U	207	4	2	0	0	1	0	0	0	0	0	3	1	

Centre	Combined surgery												
	All surgeries	Any Combined surgery		Pterygium surgery		Filtering surgery		Vitreous-retinal surgery		Penetrating Keratoplasty		Other	
No.	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
V	70	2	3	1	1	0	0	0	0	0	0	1	1

Table 2.3: Proportion of nature of cataract surgery

Centre	N	Nature of cataract surgery			
		Emergency		Elective	
		No.	%	No.	%
All Centres	3016	36	1	2980	99
A	15	0	0	15	100
B	252	1	0	251	100
C	30	0	0	30	100
D	82	0	0	82	100
E	321	5	2	316	98
F	129	1	1	128	99
G	189	0	0	189	100
H	248	0	0	248	100
I	23	0	0	23	100
J	124	0	0	124	100
K	240	6	3	234	98
L	140	1	1	139	99
M	183	1	1	182	99
N	52	2	4	50	96
O	234	4	2	230	98
P	89	3	3	86	97

Q	105	0	0	105	100
R	33	0	0	33	100
S	111	0	0	111	100
T	139	1	1	138	99
U	207	10	5	197	95
V	70	1	1	69	99

Table 2.4: Type of anaesthesia

Centre	N	Types of anaesthesia			
		General		Local	
		No.	%	No.	%
All Centres	3016	187	6	2829	94
A	15	0	0	15	100
B	252	6	2	246	98
C	30	2	7	28	93
D	82	2	2	80	98
E	321	21	7	300	93
F	129	15	12	114	88
G	189	6	3	183	97
H	248	13	5	235	95
I	23	1	4	22	96
J	124	0	0	124	100
K	240	18	8	222	93
L	140	5	4	135	96
M	183	6	3	177	97
N	52	5	10	47	90
O	234	16	7	218	93
P	89	7	8	82	92
Q	105	4	4	101	96
R	33	3	9	30	91
S	111	2	2	109	98
T	139	19	14	120	86
U	207	27	13	180	87
V	70	9	13	61	87

Figure 2.4: Type of anaesthesia

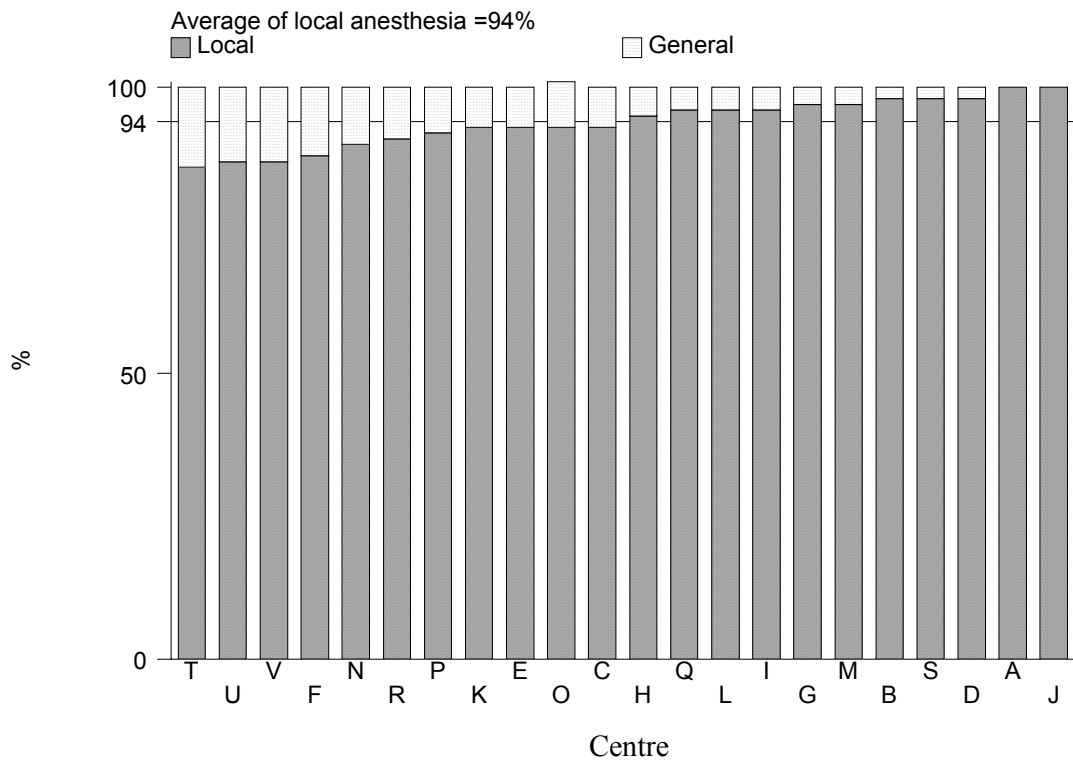


Table 2.5: Type of local anaesthesia

Centre	Local anaesthesia														
	N	Retrobulbar		Peribulbar		Subtenon		Subconjunctival		Facial block		Topical		Other	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
All Centres	2829	851	30	545	19	1351	48	7	0	363	13	200	7	1	0
A	15	0	0	0	0	15	100	0	0	0	0	0	0	0	0
B	246	228	93	1	0	24	10	0	0	144	59	0	0	0	0
C	28	28	100	0	0	0	0	0	0	28	100	0	0	0	0
D	80	1	1	0	0	79	99	0	0	0	0	0	0	0	0
E	300	5	2	107	36	181	60	0	0	5	2	25	8	0	0
F	114	0	0	0	0	75	66	3	3	0	0	36	32	0	0
G	183	13	7	164	90	16	9	0	0	36	20	31	17	0	0
H	235	0	0	3	1	150	64	0	0	0	0	83	35	0	0
I	22	0	0	22	100	0	0	0	0	0	0	1	5	0	0
J	124	0	0	0	0	124	100	0	0	0	0	0	0	0	0
K	222	3	1	0	0	217	98	0	0	1	0	1	0	1	0
L	135	123	91	8	6	0	0	2	1	104	77	17	13	0	0
M	177	27	15	148	84	28	16	1	1	2	1	0	0	0	0

Centre		Local anaesthesia													
		Retrobulbar		Peribulbar		Subtenon		Subconjunctival		Facial block		Topical		Other	
N		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
N	47	47	100	0	0	0	0	0	0	13	28	0	0	0	0
O	218	146	67	28	13	44	20	1	0	0	0	0	0	0	0
P	82	54	66	28	34	0	0	0	0	0	0	0	0	0	0
Q	101	1	1	0	0	95	94	0	0	0	0	5	5	0	0
R	30	0	0	30	100	0	0	0	0	30	100	0	0	0	0
S	109	24	22	0	0	85	78	0	0	0	0	0	0	0	0
T	120	107	89	4	3	23	19	0	0	0	0	0	0	0	0
U	180	42	23	1	1	137	76	0	0	0	0	1	1	0	0
V	61	2	3	1	2	58	95	0	0	0	0	0	0	0	0

* % May add to more than 100 % as one patient might have more than one type of local anaesthesia.

Table 2.6: Distribution of single and multiple local anaesthesia

Centre	N	Local anaesthesia			
		Single		Multiple	
		No.	%	No.	%
All Centres	2829	2371	84	458	16
A	15	15	100	0	0
B	246	99	40	147	60
C	28	0	0	28	100
D	80	80	100	0	0
E	300	280	93	20	7
F	114	114	100	0	0
G	183	113	62	70	38
H	235	234	100	1	0
I	22	21	95	1	5
J	124	124	100	0	0
K	222	221	100	1	0
L	135	32	24	103	76
M	177	149	84	28	16
N	47	34	72	13	28
O	218	217	100	1	0
P	82	82	100	0	0
Q	101	101	100	0	0
R	30	0	0	30	100
S	109	109	100	0	0
T	120	106	88	14	12
U	180	179	99	1	1
V	61	61	100	0	0

Table 2.7: Type of sedation given to patient who had local anaesthesia

Centre		Types of sedation									
		No sedation		Oral alone		Intravenous alone		Intravenous plus oral		Intra-muscular	
	N	No.	%	No.	%	No.	%	No.	%	No.	%
All Centres	2829	1567	55	1058	37	50	2	43	2	121	4
A	15	15	100	0	0	0	0	0	0	0	0
B	246	131	53	102	41	8	3	6	2	0	0
C	28	1	4	0	0	24	86	0	0	3	11
D	80	0	0	0	0	0	0	0	0	80	100
E	300	134	45	133	44	9	3	24	8	0	0
F	114	110	96	3	3	1	1	0	0	0	0
G	183	182	99	1	1	0	0	0	0	0	0
H	235	234	100	0	0	1	0	0	0	0	0
I	22	15	68	3	14	1	5	0	0	3	14
J	124	122	98	2	2	0	0	0	0	0	0
K	222	80	36	141	64	0	0	1	0	0	0
L	135	134	99	1	1	0	0	0	0	0	0
M	177	5	3	164	93	0	0	5	3	11	6
N	47	7	15	40	85	0	0	0	0	0	0
O	218	8	4	208	95	2	1	0	0	0	0
P	82	1	1	81	99	0	0	0	0	0	0
Q	101	101	100	0	0	0	0	0	0	0	0
R	30	5	17	25	83	0	0	0	0	0	0
S	109	109	100	0	0	0	0	0	0	0	0
T	120	117	98	0	0	1	1	2	2	0	0
U	180	49	27	129	72	1	1	1	1	0	0
V	61	7	11	25	41	2	3	4	7	24	39

* % May add to more than 100 % as one patient might have more than one type of sedation.

Table 2.8: Distribution of IOL placement

Centre		Cataract surgery with IOL					
		Posterior chamber IOL		Anterior chamber IOL		Scleral IOL	fixated
	N	No.	%	No.	%	No.	%
All Centres	2932	2831	97	98	3	3	0
A	15	12	80	3	20	0	0
B	249	243	98	6	2	0	0
C	26	26	100	0	0	0	0
D	82	80	98	2	2	0	0
E	309	296	96	13	4	0	0
F	126	121	96	5	4	0	0
G	180	177	98	3	2	0	0
H	240	238	99	2	1	0	0
I	21	21	100	0	0	0	0
J	124	117	94	7	6	0	0
K	232	216	93	16	7	0	0
L	138	130	94	8	6	0	0
M	176	174	99	2	1	0	0
N	52	48	92	4	8	0	0
O	228	225	99	3	1	0	0
P	85	79	93	6	7	0	0
Q	102	102	100	0	0	0	0
R	32	31	97	1	3	0	0
S	109	104	95	5	5	0	0
T	138	134	97	1	1	3	2
U	200	191	96	9	5	0	0
V	68	66	97	2	3	0	0

Table 2.9: Distribution of cataract surgery without IOL

Centre	Cataract surgery without IOL				
	N	IOL planned but not implanted		No IOL was planed	
		No.	%	No.	%
All Centres	84	28	33	56	67
A	0	0		0	
B	3	0	0	3	100
C	4	2	50	2	50
D	0	0		0	
E	12	3	25	9	75
F	3	0	0	3	100
G	9	2	22	7	78
H	8	3	38	5	63
I	2	2	100	0	0
J	0	0		0	
K	8	2	25	6	75
L	2	0	0	2	100
M	7	2	29	5	71
N	0	0		0	
O	6	4	67	2	33
P	4	1	25	3	75
Q	3	1	33	2	67
R	1	0	0	1	100
S	2	2	100	0	0
T	1	1	100	0	0
U	7	1	14	6	86
V	2	2	100	0	0

Table 2.10: Distribution of IOL- materials and types

IOL	No.	%
N	2932	100
Materials		
PMMA	2302	79
Silicone	338	12
Acrylic	290	10
Other	2	0
Types		
Foldable	672*	23
Non-foldable	2260**	77

* 77 PMMA IOL were recorded as foldable

** 17 Silicone IOL were recorded as non-foldable

** 18 Acrylic IOL were recorded as non-foldable