

Table S1 Age groups and gender distribution of pediatric cataract cases

Age	Male	Female	Number of cases	%
2–6 M	20	12	32	52.46%
6–12 M	4	1	5	8.20%
12–24 M	5	3	8	13.11%
24–36 M	5	6	11	18.03%
> 36 M	3	2	5	8.20%
Number of cases	37	24	61	100%

Table S2 Name of anterior capsule according to the LOCS-UP and intraoperative diagnoses

Intraoperative diagnosis	Name of anterior capsule according to the LOCS-UP			Total
	Transparent	Homogenous opaque	Thickened opaque	
Transparent	73	0	0	73
Homogenous opaque	1	18	0	19
Thickened opaque	0	1	3	4
Total	74	19	3	96

UBM, ultrasound biomicroscopy; LOCS-UP, Pediatric Lens Opacities Classification System based on UBM.

Table S3 Central anterior chamber depth and lens thickness in different types of cortex cataracts

	Jelly-like ① (n=60)	Water- or paste-like ② (n=30)	Partly absorbed ③ (n=6)	F value	
CACD (mm)	2.11±0.24	1.90±0.49	2.87±0.31	20.74	②<①<③
LT (mm)	3.10±0.73	4.01±1.13	1.28±0.98	9.446	③<①<②

CACD, central anterior chamber depth; LT, lens thickness.

Table S4 Name of cortex according to the LOCS-UP and intraoperative diagnoses

Intraoperative diagnosis	Name of cortex according to the LOCS-UP			Total
	C ₀	C ₁	C ₂	
Jelly-like	60	0	0	60
Water- or paste-like	3	27	0	30
Partly absorbed	0	0	6	6
Total	63	27	6	96

UBM, ultrasound biomicroscopy; LOCS-UP, Pediatric Lens Opacities Classification System based on UBM.

Table S5 Name of nucleus according to the LOCS-UP and intraoperative diagnoses

Intraoperative diagnosis	Name of nucleus according to the LOCS-UP			
	N ₀	N ₁	N ₂	Total
Transparent	53	0	0	53
Crusted	0	6	2	8
Opaque inside	1	0	34	35
Total	54	6	36	96

UBM, ultrasound biomicroscopy; LOCS-UP, Pediatric Lens Opacities Classification System based on UBM.

Table S6 Name of posterior capsule according to the LOCS-UP and intraoperative diagnoses

Intraoperative diagnosis	Name of posterior capsule according to the LOCS-UP				Total
	P ₀	P ₁	P ₂	P ₃	
Transparent	76	0	0	0	76
Homogenously opaque	9	5	0	0	14
Thickened opaque	1	0	1	0	2
Defective	0	0	0	4	4
Total	86	5	1	4	96

UBM, ultrasound biomicroscopy; LOCS-UP, Pediatric Lens Opacities Classification System based on UBM.