

**Supplementary Table S1.** Summary of the endoscopic group

Case No.	Sex/age (yr)	Laterality	Mechanism of injury	Defect size (mm × mm)	Operation time (min)	Combined nasal bone fracture	Preoperative findings	Postoperative findings	Postoperative pain score (NRS)	Enophthalmos correction rate	Follow-up (day)
1	M/39	Right	Violence	14 × 15	19	-			2.75	0.5	266
2	M/45	Left	TA	17 × 12	28	+			2	0	259
3	M/29	Left	TA	16 × 16	106	-			3.3	1	244
4	M/65	Left	TA	21 × 17	47	-	D, R	D	2	1	482
5	M/51	Right	Violence	30 × 16	22	-	E		3.6	2	252
6	M/52	Right	Violence	23 × 11	50	+			3.3	1	331
7	M/27	Right	Violence	22 × 18	68	+			2.4	0	356
8	M/7	Right	Sports	15 × 10	30	-	E		1	2	433
9	M/26	Right	TA	25 × 12	135	+			2	0	416
10	M/12	Right	Sports	16 × 10	46	-			0.7	0.5	242
11	M/52	Right	Violence	25 × 17	83	-			3.25	1	441
12	F/25	Left	Violence	22 × 13	32	-			4.25	0	350
13	M/22	Right	Violence	18 × 11	52	+	D, R		4	0	193
14	M/50	Right	Sports	24 × 20	67	+			1.5	0	215
15	M/32	Left	Violence	20 × 9	40	+			2.25	0	377
16	F/53	Right	Others	20 × 13	21	-			3.7	0	211
17	M/57	Right	Others	16 × 12	30	+			2.5	0	220
18	M/44	Left	Violence	14 × 6	37	-			1	0	184
19	F/76	Right	Sports	16 × 15	24	+	D, R		1.7	0	194
20	F/29	Left	Sports	22 × 16	29	-			4	0	181
21	M/72	Right	Fall down	17 × 11	25	-			2.8	0	189
22	M/56	Right	Fall down	14 × 16	31	-			0.7	0	207
23	M/53	Left	Others	22 × 10	33	-			3.75	0	184
24	F/64	Left	Fall down	20 × 13	39	-			3	0	189
25	M/46	Left	Violence	25 × 12	25	+			4.25	0	190
26	M/66	Left	Fall down	22 × 11	44	+			3.8	-0.5	195

M, male; F, female; TA, traffic accident; D, diplopia; E, enophthalmos; R, restriction of eye movement; NRS, numeric rating scale.