



45 ° cutting forceps

가 . Curved suction tip  
가 (Lamina pa-  
pyracea)

(Lamina pa-  
pyracea)

가 CT  
가

가 .  
Haller cell

powered instrument

가

가

가

가  
가

가

가

, Onodi cell,

, Haller cell,

가

가

suction tip

가

**접형동의 비내시경 재수술**

back - biting forceps,  
down - biting forceps, double - balled ostium seeker,  
powered instrument

(spheno - ethmoidal recess)

가

(anterior maxillary wall antrostomy) Cald-  
well - Luc

Cald-

가

가

**사골동의 비내시경 재수술**

가

가

가  
 , 1  
 , 2  
 , 3 가  
 가 가 , 4 가  
 , 1 ,  
 3

(noncircumferential dissection)

가  
 1.0~1.5  
 cm

0° , mushroom punch, 2 가  
 mm Kerrison rongeur rotating powered instru- 가  
 ment가 가

**전두동의 비내시경 재수술**

(asc- 가  
 ending portion of frontal recess) 가  
 , 가 , 가 가  
 , 가  
 가 가  
 가 70° , giraffe forceps(cup-  
 ped through - biting), angled frontal sinus curet-  
 ttes, frontal sinus seeker, mushroom punch가

**소아 내시경 재수술에서 고려할 사항**

가 가 , terminal  
 recess 가  
 가 ,  
 가 ,

가 ( )  
 가 .  
 가 ,  
 가 ,  
 가 .  
 (func-  
 tional endoscopic sinus surgery)  
 , Setliff  
 가 가  
 가 ,  
 ( infun-  
 dibulum) 가 ,  
 (small hole theory).  
 가  
 가  
 . Chan  
 osteomeatal unit  
 9)  
 10  
 , double-balled ostium seeker J-curet  
 가  
 forceps , powered instru-  
 ment

(cystic fibrosis), (pri-  
 mary ciliary dyskinesia)  
 9)10)  
 , 1  
 ( 2 )  
 , 1 1  
 , Setliff

### Conclusions

(Jiang, Moses).<sup>5)6)</sup> 60~70%  
 (Moses - 66.7%, Jiang - 65%, King -  
 69.8%).<sup>5)6)11)</sup> C-arm fluoroscopy  
 three  
 dimensional localization method

중심 단어 :

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