

# 부비동내시경 수술의 확장증

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 동 현 중

## Extended Application of Endoscopic Sinus Surgery

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### 서 론

|                             |                 |                         |                 |                 |
|-----------------------------|-----------------|-------------------------|-----------------|-----------------|
| Stammberger<br>nus Surgery( | Kennedy<br>ESS) | Endoscopic Si-          | ESS             | 1%              |
|                             | head light      | 가                       | 가               | 가 <sup>1)</sup> |
| Caldwell - Luc              |                 | ESS가                    |                 | (suba-          |
|                             |                 |                         | rachnoid drain) |                 |
| head mirror                 |                 | (intracranial approach) | 1981            | Wig-            |
|                             |                 | and <sup>2)</sup> 가     |                 | 가               |
|                             |                 |                         |                 | 가               |

(Table 1)

endoscopic CSF leak repair, endoscopic orbital decompression, endoscopic pituitary surgery, endoscopic optic nerve decompression, endoscopic dacryocystorhinostomy (extracranial approach)

### Endoscopic CSF Leak Repair

Metrizamide Iopamidol

50 fluorescein

: (02) 3410 - 3579 · : (02) 3410 - 3879  
 E - mail : hidhong@smc.samsung.co.kr





가 .

가 . blind resection 가 . laser cut-  
가 가 가 .<sup>(17)(18)</sup> ting forceps 가 가

가 가 .

가 . 30°, 70° chisel electrical drill  
가 chisel  
가 drill  
. Drill  
micro elevator  
sphenoid punch

가 가

가 .<sup>(19)</sup>  
(sella turcica)  
(sub-  
arachnoid space) 가 (diaphragm of sella) tissue glue  
가 가 SurgiCell<sup>®</sup> 가  
Gelfoam<sup>®</sup> .  
가 SurgiCell<sup>®</sup> tissue  
glue  
2 3  
Meroce<sup>®</sup>

가 ,

suprasellar extension

가 가

가 .<sup>(20)</sup>

suction 가

## Endoscopic Optic Nerve Decompression

(intranasal endoscopic approach)

가 , 가 , 가 ,

25% 35% 21) Bell's palsy 24)

가 가

international prospective multi-center study가 22)

가 가

(visual evoked potential test) (optic tubercle) 7~10 mm 8 elevator curette

가 가 가 23)

microelevator 1 mm micro Ker-rison punch 가 가

가 가 180 가 sickle

knife 가

(extranasal transethmoidal approach), (transorbital approach), annulus of Zinn 25)

(transantral approach), 가

(intranasal microscopic approach), 가

fibrin glue  
Gelfoam®

가 가  
Merocel®

litis),

## Endoscopic Dacryocystorhinostomy

가

<sup>29)</sup>

가

. 1904 Toti

가

2

6

<sup>27)30)</sup>

mito-

mycin C

<sup>31)</sup>

가

20 gauge

가

가

가

Holmium

<sup>26)</sup>

curette,

sickle knife

가

가

가

가

가

Blakesley forceps

가

가

가

<sup>27)</sup>

중심 단어 :

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85

<sup>27)28)</sup>

가 가

(lacrima canalicu-

97%

75%

88%

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