

이주연골편이식과 하비도 측벽 피판을 사용한 거대한 비중격 천공 재건술

장철호 · 이진수 · 김영훈

Repair of Large Nasal Septal Perforation Using Tragal Cartilage Graft and Posteriorly Based Mucoperiosteal Flap

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- ABSTRACT -

It is difficult to manage large nasal septal perforation and reperforation rate is high after repair it. The method for surgical closure has been introduced such as direct closure, cartilage autograft and temporalis fascia using intranasal or external approach. Recently, we experienced 2 cases of large septal perforations. We used tragal cartilage autograft and posteriorly based mucoperiosteal flap with unilateral direct suture under midfacial degloving approach. The healing time was faster. So we report our method with brief review of the literatures. (J Clinical Otolaryngol 2000;11:175-178)

KEY WORDS : Nasal septal perforation · Cartilage autograft · Mucoperiosteal flap.

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증 례

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wedge resection 5
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3.0×2.4 cm
(Fig. 1).
(CT) 13 Ca -

fibrin glue
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(Fig. 4).

Idwell - Luc

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4 Merocel

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(Fig. 2).

(transfixion incision)

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(Fig. 3).

sickle knife

trimming

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tension
freer elevator

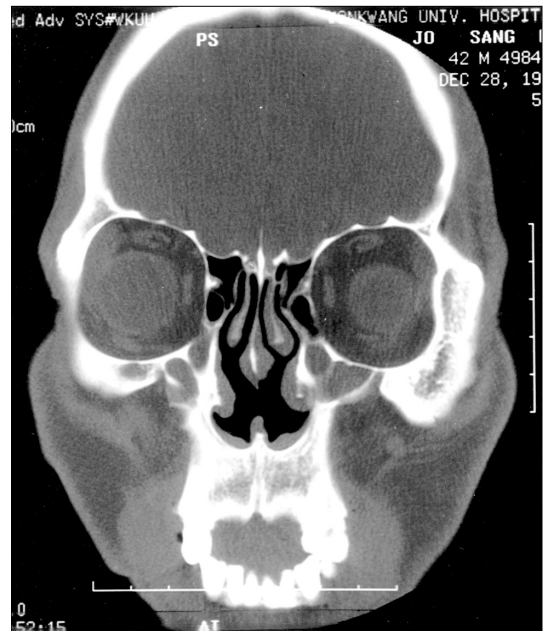


Fig. 2. Preoperative CT shows large septal perforation.

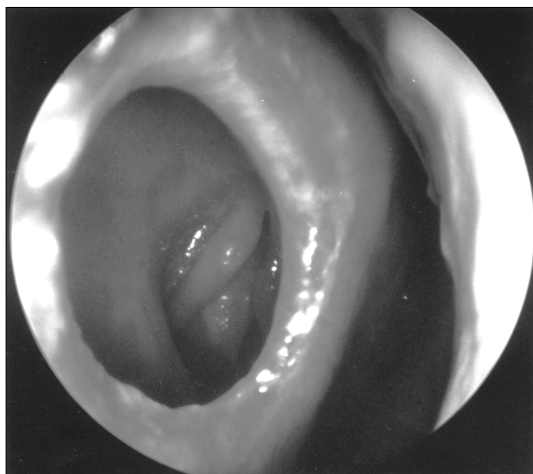


Fig. 1. Intranasal endoscopy shows large septal perforation.

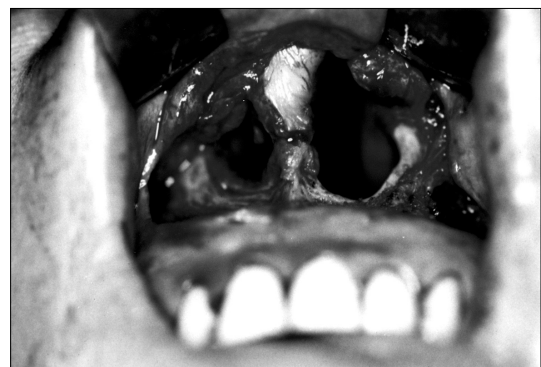


Fig. 3. Shows midfacial degloving approach for septal repair.

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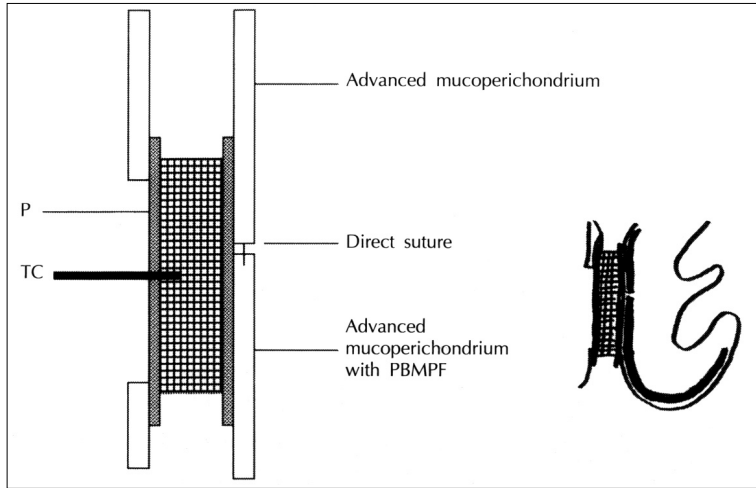


Fig. 4. The schematic picture shows repair of septal perforation using tragal cartilage graft with unilateral direct suture by posteriorly based mucoperiosteal flap.

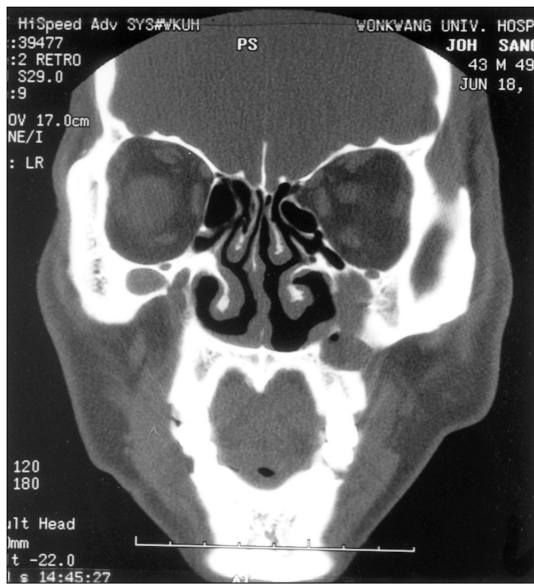


Fig. 5. Postoperative CT shows well closure state of previous septal perforation.

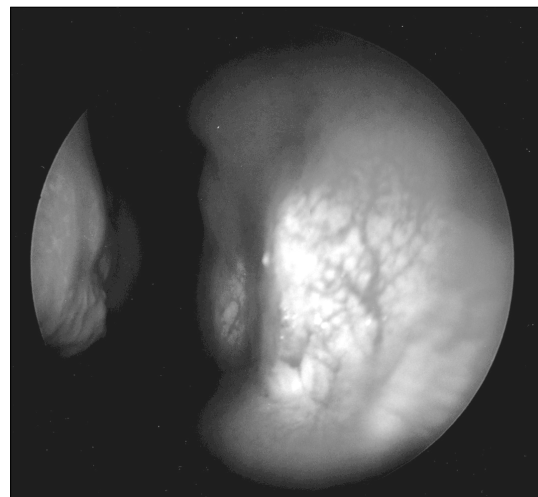


Fig. 6. Postoperative endoscopy shows well reconstructed septum.

2.9 x 2.5 cm

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3 CT
(Fig. 5)
(Fig. 6).

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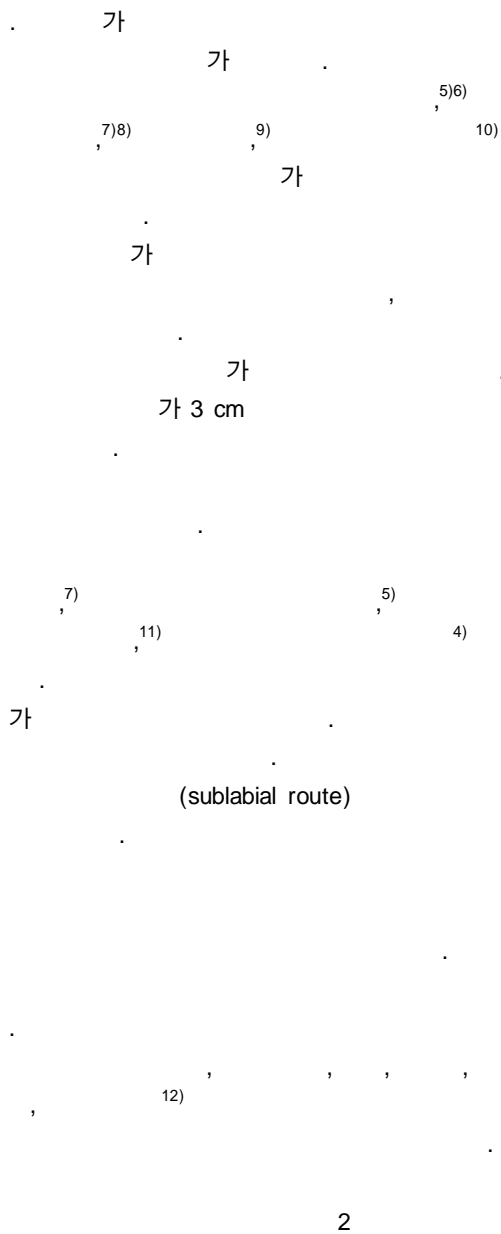
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중심 단어 : 가

REFERENCES

- 1) Min YG, Shin SO. *Repair of the septal perforation by auricular cartilage autografting. Korean J Otolaryngol 1987; 30:887-91.*
- 2) Yang CM, Byun JY, Won NK, Kim DK, Lee KO. *Repair of the septal perforation by tragal cartilage autografting. Korean J Otolaryngol 1992;35:907-11.*
- 3) Lee CU, Kang SH, Lee HS, Ahn KS. *Repair of large septal perforation by external rhinoplasty approach. Korean J Otolaryngol 1991;34:1232-6.*
- 4) Choi JO, Kim MJ, Jin SM, Lee SY, Woo SK, Yoo HK. *Surgical repair of the septal perforation using posterior based mucoperiosteal rotation flap. Korean J Otolaryngol 1991;34:76-80.*
- 5) Belmont JR. *An approach to large nasoseptal perforations and attendant deformity. Arch Otolaryngol 1985;111: 450-5.*
- 6) Bridger GP. *Surgical closure of septal perforations. Arch Otolaryngol 1986;112:1283-5.*
- 7) Goodman WS, Strelzow VV. *The surgical closure of nasal septal perforations. Laryngoscope 1982;92:121-4.*
- 8) Kridel RW, Douglas W, Wright WK. *Septal perforation closure utilizing external septorhinoplasty approach. Arch Otolaryngol 1986;112:168-72.*
- 9) Karlan MS, Ossoff RH, Sisson GA. *A compedium of intranasal flap. Laryngoscope 1982;92:774-82.*
- 10) Maniglia AJ. *Indications and techniques of midfacial degloving. Arch Otolaryngol 1986;112:168-72.*
- 11) Karlan MS, Ossoff RH, Christa P. *Reconstruction for large septal perforations. Arch Otolaryngol 1982;92:774-82.*
- 12) Fairbanks DNF. *Closure of nasal septal perforations. Arch Otolaryngol 1980;106:509-13.*