

구강암의 수술적 접근법

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방 충 일 · 김 민 식

Surgical Approach of Oral Cancer

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서 론

가 가

(transoral approach),
, (com-
posite resection, commando operation, jaw - neck
operation),
(mandibulotomy²⁾
and mandibular swing approach),
pull - through
pull - through 1984
Stanley가 pull - through
(mandibular lingual releasing approach)
1836 pull -
through Kremen 1951⁶⁾ 가
¹⁾²⁾ 1906 Crile
1940 가
1980 3
³⁻⁵⁾
가

가 : , 137 - 701 505 pull - through
가 : (02) 590 - 1750, 2264 · : (02) 595 - 1354
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가

하악골의 침윤양상⁷⁾

수술 방법의 선택 시 고려해야 할 사항

하악골

(infiltrative pattern)

(erosive pattern)

가

가

가

가

(periodontal mem-

2)5)

brane)

pa-

norex view,

, CT, MRI

panorex view

(ramus of mandible)

가

(body of mandible)

가

(symphysis)

가

가

. CT

가

MRI

가

가

가 4

가

가

가

가

T1

가 가

T2

bulectomy)

(segmental mandi-
가

가

(visor flap)

가

. Pull - through

8)9) 가 . 가
2
10) 가 T2
Davidson 가 가 Eckel
가 .¹⁾ (lateral man- (staged)
dibulotomy) 가 (discontinuous neck dissection)
.¹⁰⁾ McGregor 가 가
가 가
가 가 T2 가 가 .¹²⁾
, Leeman
.¹¹⁾
2~3 emboli가
.¹³⁾ 가

수술적 접근법

경구강 접근법

가
T1 lesion (verru-
cous carcinoma) 가
CO₂ 가
가 가

구강 외 접근법

(safety margin) 가 하악골 보존술
가 Pull - through
가

가 ,
 T2 - 3¹⁰⁾
 (marginal mandibulectomy)
 가⁹⁾
 level level
 level
 1 cm
 (mylohyoid muscle)
 가
 가
 . 가
 (Fig. 1) 가 가¹⁴⁾¹⁵⁾
 .⁹⁾
 Pull - through
 가
 (mental nerve)
 가 가
 (retromolar trigone)
 가 가
 .
 (gingivo - labial sulcus) (gingivo - buccal

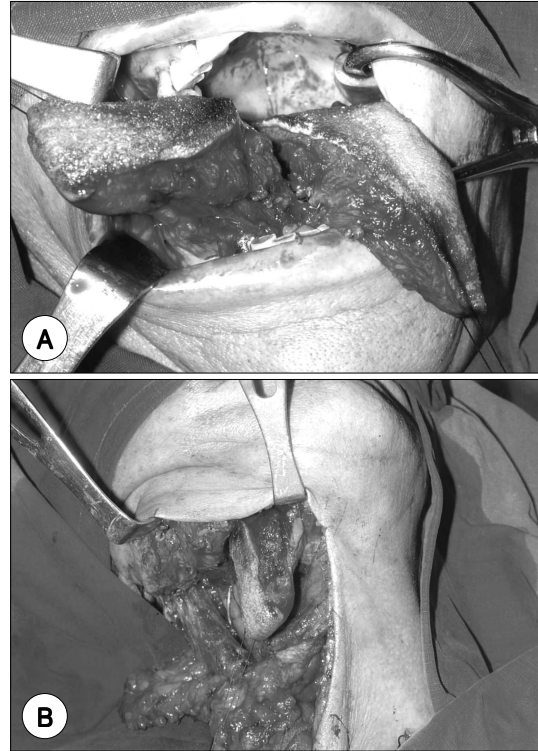


Fig. 1. Intraoperative photographs of pull-through approach. A : Intraoral incision of tumor after neck dissection and B : Incised tissue was pulled down to neck surgical field.

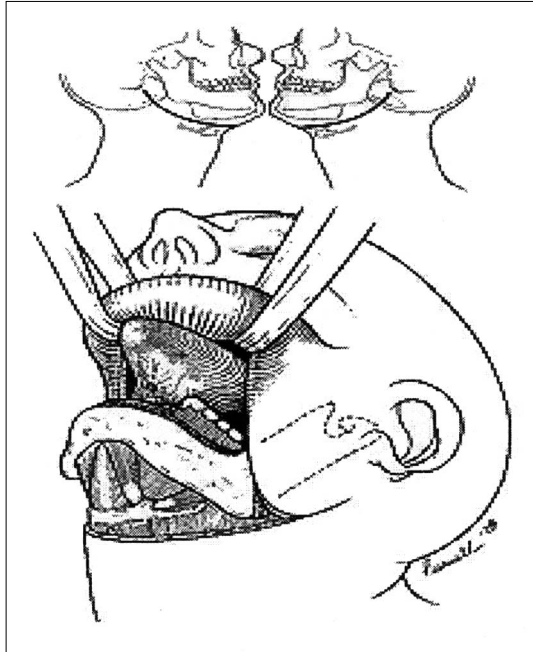


Fig. 2. Schematic diagram of visor flap.

sulcus) 가
(Fig. 2).

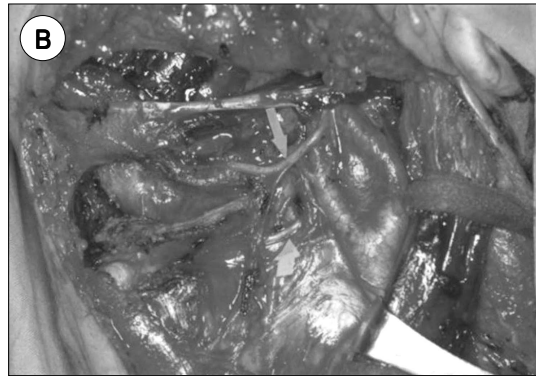
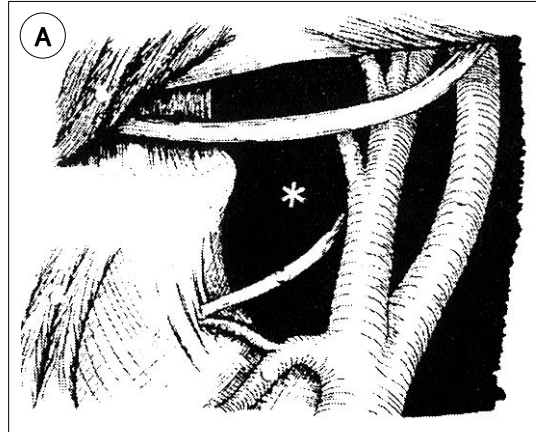


Fig. 3. Lateral pharyngotomy. A : schematic diagram-the lateral pharyngotomy is done between hypoglossal nerve and superior laryngeal nerve (*) and B : intraoperative view of lateral pharyngotomy.

가 .
8)
1878 Cheever가
가
가 가 가
가 가
(laryngeal suspen-
sion musculature)
(styloman-
dibular ligament) 가

가
가 가 (Fig. 3).¹⁶⁾
하악설유리 접근법
pull - through

가
 가
 through
 가 (6)(17)(18)
 가
 (glossopalatine
 fold)
 가 하악골 분리술
 150
 가 가
 가
 가
 가 (Fig. 4).¹⁸⁾
 가
 1/2
 가
 가 (midline),
 (paramedian) (lateral)
 가 (inferior alveolar nerve)

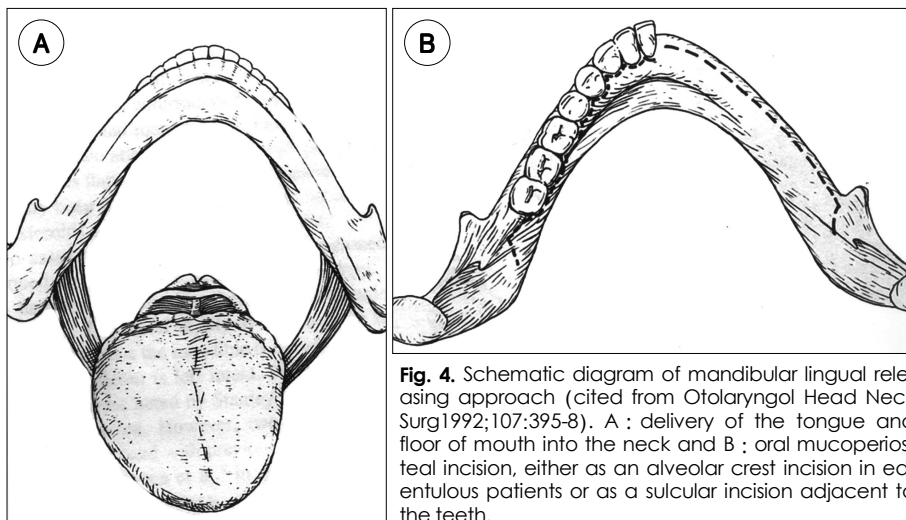


Fig. 4. Schematic diagram of mandibular lingual releasing approach (cited from Otolaryngol Head Neck Surg 1992;107:395-8). A : delivery of the tongue and floor of mouth into the neck and B : oral mucoperiosteal incision, either as an alveolar crest incision in edentulous patients or as a sulcular incision adjacent to the teeth.



Fig. 5. Intraoperative photographs. A : mandibulotomy, B : marginal mandibulectomy, and C : segmental mandibulectomy.

가
 가
 (symphysis)
 가
 가
 20)
 , Z
 가
 가
 가
 가
 (Fig. 5A).
 가
 wire miniplate가
 가
 miniplate
 1 cm
 가

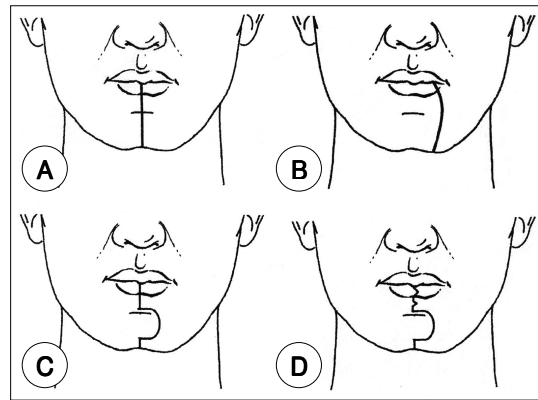


Fig. 6. Various methods of lip splitting incision. A : Roux-Trotter incision, B : Robson incision, C : McGregor incision, and D : Hayter et al modification of the McGregor incision.

가
 19
 가
 가
 Chevron chin - contour(modified McGregor)
 chin pad
 가
 가
 (Fig. 6).²¹⁾

가

가

3)4)

(ma-

rginal mandibulotomy) (sagittal inner

table mandibulectomy) (Fig. 5B and C).

가

가

22)

가

1 cm

가

가

7)

가

맷 음 말

가

가

가

중심 단어 :

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