

auto - CPAP

가 . ,

nasal CPAP

Medroxypr - Nasal CPAP

ogesterone acetate⁵⁾ - 가 titration

Amphetamine (modafinil) nasal CPAP REM

⁹⁾ Nasal CPAP

100%

(COPD) 40 80% ,¹⁰⁾ 가

nasal CPAP 가

monitoring (claustrophobia),

monitoring

기구요법 가 nasal CP -

가 AP 가 nasal CP -

300 AP

가 가 ,

dilator) (鼻擴張具, nasal ¹¹⁾ 가

(口腔內裝置, intr -

aoral appliances) mouthp -

iece

5 7 mm

Nasal CPAP (mandible repositioning device),

⁶⁾⁷⁾ Nasal CP - tongue retainer,

AP palatal lifter

2.5 17.5 cmH₂O ¹²⁾

⁸⁾ nasal CPAP 가 FDA market clearance

32 14

가 Snore gu -

ard, TeraSnore, Tongue retaining device,
Herbst, Klearway, Mandible repositioner, PM
positioner

1952 Ikematsa¹⁷⁾가

(口蓋垂口蓋咽頭成形術, uvulopalatopharyngoplasty ; UPPP)¹⁸⁾¹⁹⁾

. TM joint

(laser - assisted uvulopalatoplasty ; LAUP)²⁰⁾²¹⁾

, 가 , ,

가 snare, electrocautry, debrider

가

. 97

(高周波溫熱口蓋術, somnoplasty)²²⁾

수술적 치료

가 ,

가 .

UPPP

pillar

가

가 가

가 ²³⁾

20

80%

-가

가

5가

2가

비강 수술

¹⁴⁾

¹⁵⁾

. UPPP

²⁴⁾, 2

50%

²⁵⁾²⁶⁾

80%

²⁷⁾

가

¹⁶⁾

CPAP

가가 가 ²⁸⁾

AI

RDI가 50%

가

(反應群, res-

ponder group)

가 125%

인두부 수술

가 UPPP

²⁾ 가

¹¹⁾²⁹⁾³⁰⁾

(LAUP, Laser - assisted uvu- Sharplan LAUP
 lopalatoplasty) backstop protector focusing
 SwiftLaser®
 가
 20 10% lidocaine
 LAUP gag reflex
 Mueller 1 2% lidocaine with 1 :
 가 , 100,000 epinephrine 1 2 ml
 gag reflex가 가 focusing
 가 1 cm
 ant. pillar
 U
 (Fig. 1). focusing Sw -
 1/3 1/2
 IV line
 monitoring
 가
 1 2
 가
 가 CO₂ ,

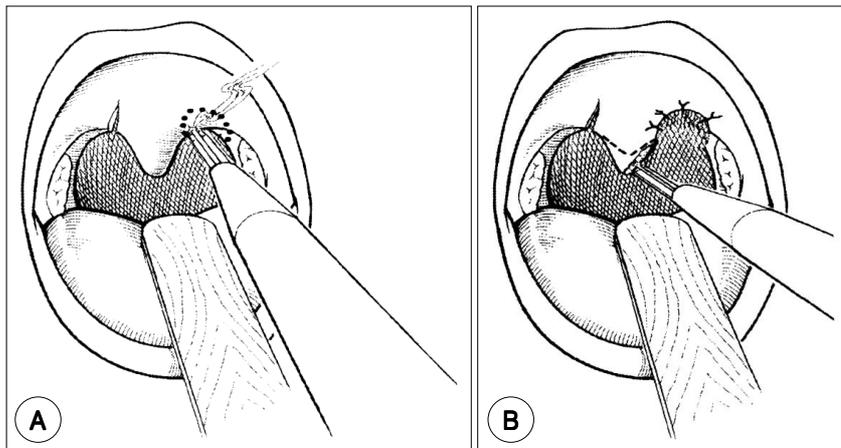


Fig. 1. Surgical technique of laserassisted uvulopalatoplasty (LAUP). A : 구개수 외측에 약 1 cm 상방으로 연구개를 절개하고, 역 U 자 형태로 연구개 및 ant. pillar의 일부 조직을 제거한다. B : 구개수의 축소는 레이저빔으로 비대한 정도를 고려하여 1/3 - 1/2 정도로 크기를 줄여주며 연구개와 ant. pillar를 포함한다.

15% Crozon
 가
 nitoring 3
 가
 CPAP
 가
 48)
 tubal obstruction, accidental decannulation

최신 치료법의 소개 및 연구개발중인
 치료법의 전망(New therapeutic
 trend in 21th century)

Radiofrequency surgery(라디오주파수 수술, 고주파 온
 열 세침술)

1997 Somnus Somnoplasty TM가
 laser electrocautery (65 85)

49- 53)
 plasma scapel 가
 ENTec Coblator TM
 가

mo - Tongue suspension procedure
 1998 Repose tongue suspension
 procedure su -
 sension suture

54)
 LAUP, UPPP
 Automatic hypoglossal nerve stimulator
 Johns Hopkins D.r Schwartz

pacemaker computer technology
 .(ref. Eisele DW, Sc-
 hwartz AR, Smith PL, etal : Hypoglossal nerve sti -
 mulation for the treatment of obstructive sleep ap -
 nea. Paper presentes at the annual meeting of AAO,
 San Antonio, Texas, September 16,1998

Electrical stimulation of the upper airway
 Implanted hypoglossal nerve stimulation
 system : 3 components
 - Mediastinal respiratory sensor
 piezo - electric crystal senses movement
 - Implantable pulse generator(IPG) :
 processing & stimulating subsystem
 - Tripolar half - cuff electrode :
 inferoir peripheral 12th nerve branch to
 genioglossus

21세기 무호흡 치료의 전망

CPAP co -
 mpliance auto - CPAP upgrade,

distraction osteogenesis

가

중심 단어 :

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