

삼출성 중이염의 합병증

고 의 경 · 이 일 우

Complication of Otitis Media with Effusion

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서 론

1),

(Table 2),

가

(Table 3)

가

Jung¹⁾

가

(purulent otitis media,

POM),

(serous otitis media, SOM)

(mucous otitis media, MOM)

병의 진행과정 중에 발생할 수 있는 합병증

(ot -

itis media with effusion, OME)

감각신경성 난청

OME

가

35.8%,

87.9%

²⁾

가

Gelfoam

(ro -

und window niche)

가 (Table

: , 602 - 739

1가 10

고막의 영구적 천공(Permanent perforation of TM)

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만성 화농성중이염(Chronic suppurative OM)
School Health Service

OME 0.9%
3)

1)
OME

Table 1. Complications of OME in process of disease

Permanent perforation of TM
Chronic suppurative OM
Cholesterol granuloma
Tympanosclerosis
Adhesive OM and retraction pocket
Ossicular necrosis
Sensorineural hearing loss

Cholesterol granuloma
OME가

가

3 6

가

Table 2. Complications of OME in course of treatment

1. Medical complication
2. Surgical complication
1) Complications related with tympanocentesis
2) Complications related with ventilation tube
Sensorineural hearing loss
Anesthetic complication
Otorrhea
Myringosclerosis
Tympanic membrane perforation
Atrophy, retraction and atelectasis of tympanic membrane
Cholesteatoma
Tube removal requiring general anesthetic
Tympanostomy tube lost in the middle ear
Exposure to water
Early extrusion
Plugging
3) Complications related with adenoidectomy
Death, hemorrhage etc.

가

고실경화증(Tympanosclerosis)

(tympanosclerotic pla-

que, TSP)

5%

4)

TSP

유착성중이염(Adhesive OM) 및 고막의 함몰(retraction pocket)

Table 3. Sequelae of OME

Effects on language development
Effects on cognitive development
Effects on articulation development
Long-term effects of short-term hearing loss
Socioeconomic impact

이소골괴사(Ossicular necrosis)

가

가 35 dB
 ndel ⁶⁾ 가 1 Ma-
 가 50% 14 41%
 20%
 2

치료와 연관된 합병증

OME
 anaphylaxis 가
 Scott ⁴⁾
 가 25%

고막절개술 및 고실천자와 관련된 합병증

가 3 Pn-
 eumococcus, Haemophilus, Moraxella
 가 3
 () Pseudomonas
 (jugular bulb) , Staphylococcus
 가 Sta-
 phylococcus Pseudomonas

고막절개술 및 환기관삽입과 관련된 합병증

가 1/40,000
 Morris ⁵⁾ 가 가
 가
 (Myringosclerosis)
 40 50% ⁹⁾

:
 , 가 ,
 가 . 가 가
 가 1 3% 가 Curley ¹¹⁾ 1.4%
 가 가
 6 47.5% 가 ⁷⁾ 10%
 20 30 dB patch 가 0.1%
 tch 가 paper pa- ¹¹⁾
 gelatin film steristrip tape가 gelatin sponge, ⁵⁾ 가
 가
⁵⁾ (Exposure to water)
 , atelectasis 가
 40% , atelectasis가 15 가
⁷⁾ 가 가
 pocket 가 (earplugs)
 가 (Early extrusion)
 sis) (atelecta- 가
 6 9
 0.1 0.5% ⁷⁾ 가
 9.2% (mucus plug)
¹⁰⁾ 3
 가

(Plugging)
 , pick Rosen nee - 가 . OME가
 dle 가
 steroid가 발음에 미치는 영향
 가 가
 아데노이드 절제술과 관련된 합병증 15 40 dB
 가 1 25 40 dB
 가
 1/3,000 1/27,000 가
 가 2 3 가
 12)

치료종결후의 후유증

언어발달에 미치는 영향 단기간의 청력소실에 의한 장기적인 영향
 Chalmer 4) OME
 . OME 5 , 3 5 ,
 가 3 , 5 , 7 가
 가 9
 OME
 가 13)
 Plays place , help helped
 가 14 - 16)

OME와 관련된 인지능력의 발달(Cognitive devekio- OME의 사회경제적인 영향
 ment) OME가
 OME 가 ,
 가

성인 삼출성중이염의 합병증

(atelectasis)가 가
 Sade 17)
 6 cm² 52.2%,
 37.3% 가

중심 단어 :

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