

ORIGINAL ARTICLE

## Postoperative mastoid cyst with cholesterol granuloma

Hideki Matsuda<sup>1)</sup>, Takafumi Yoshida<sup>1)</sup>, Choichi Horiuchi<sup>1)</sup>,  
Chihiro Nakagawa<sup>2)</sup>, Junichi Nagao<sup>1)</sup>, Mamoru Tsukuda<sup>1)</sup>

<sup>1)</sup> Department of Otorhinolaryngology, Yokohama City University School of Medicine, Japan

<sup>2)</sup> Department of Otorhinolaryngology, Yokohama Sakae Kyosai Hospital, Japan

### Abstract

Postoperative cholesterol cysts in the mastoid cavity were found in three patients 5 to 23 years after middle ear surgery. In the first case recurrent facial neurinoma blocked the aditus, and the tumor and bleeding from it are considered to have caused this lesion. In the second case a cholesterol cyst was seen in the opened mastoid cavity, and air cells not exenterated at the previous surgery may have caused the cholesterol cyst. The third patient, who had received simple mastoidectomy for acute mastoiditis, had aditus blockage by inflammatory granulation, and this blockage seems to have caused mastoid cyst with cholesterol granuloma. We performed total removal of the cyst, complete eradication of air cells, and mastoid obliteration for all three cases.

**Key words:** Cholesterol granuloma, postoperative mastoid cyst, mastoid obliteration

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