Immunohistochemical expression of Claudin 1 &Claudin 3 in Radicular cyst, Odontogenic keratocyst, Unicystic ameloblastoma and Conventional ameloblastoma

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ABSTRACT

Odontogenic lesions are divided into odontogenic cysts and tumors. They affect the osseous marrow and cortex of the jaw bones, and are uniquely derived from the tissues of developing teeth. Odontogenic cysts are cavities lined by odontogenic derived epithelium. They are the most common lesions of the jaw, specially radicular cysts (RC) and odontogenic keratocysts (OKC). While, RC shows an indolent behavior and rarely recurs after surgical removal, the KOT is invasive and destructive. On the other hand, odontogenic tumors are classified according to behavior into benign and malignant in addition, according to origin into epithelial and mesenchymal. The most common benign odontogenic tumor is ameloblastoma.

EXTERNAL LINK

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THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

Aro, K; Rosa, LE; Bello, IO; Soini, Y; Mäkitie, AA; Salo, T and Leivo, I.: expression pattern of claudins 1 and 3-an auxiiliary tool in predicting behavior of mucoepidermoid carcinoma of salivary gland origin. Virchows Arch., 458(3): 341-8, 2011 . 2 Bello, IO; Vilen, ST; Niinimaa, A; Kantola, S; Soini, Y and Salo, T. Expression of claudins 1, 4, 5, and 7 and occludin, and relationship with prognosis in squamous cell carcinoma of the tongue. Hum Pathol., 39(8): 1212-1220, 2008.

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PROTOCOL STATUS

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We use this protocol in our group and it is working