ROLE OF SIALOSCINTIGRAPHY IN DIAGNOSTIC IMAGING OF SALIVARY GRAND DISEASE.

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We performed sialoscintigraphy with Tc-99m pertechnetate on 29 cases, including 11 benign tumors (5 Warthin tumor, 4 pleomorphic adenoma, 2 others), 5 malignant tumors (2 epidermoid ca, 1 adenoid cystic ca, 2 metastatic ca), 4 Sjögren syndrome and 9 others.

This time, we examined about the role of sialoscintigraphy in diagnostic imaging of salivary gland disease compared with CT and US.

Result

1) The sialoscintigraphy was useful to evaluate the function of the salivary gland.
2) All of Warthin tumors were revealed as hot area and delay of secretion. No other tumor was exhibited on image. This observation was thought as specific findings for Warthin tumor.

And it was able for sialoscintigraphy to image the tumor of Warthin less than 1 cm.