

## Studies on the Scintigram of the Salivary Gland with Tc-99m Pertechnetate

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The purpose of this paper is to study on the availability of the scintigram of the salivary gland using Tc-99m pertechnetate.

The scintiphotos of three position were taken at 20 min., 60 min. and 120 min. after injection of Tc-99m (1 to 8 mCi). Patients studied in this series were eight cases of tumors originated from salivary gland, eleven cases of tumors near the salivary gland, nine cases of sialoadenitis, salivary stone, ranula and Sjogrenes syndrom.

Scintigraphic findings of the tumors originated from salivary gland were defect, low uptake, space occupying lesion and normal (two cases). On the tumors originated from

the other organs, scintigraphic findings were normal (seven cases) and slightly decreased activity of the neighbor salivary gland. Group of the benign diseases of the salivary gland, scintigraphic findings were good correspond to clinical sign, exceptly three cases of sialoadenitis and Sjogrenes syndrom.

On the tumors, the information of the sialoscintigram has significant value in the differential diagnosis of its origin.

On the benign disorders of the salivary gland, it was required further study in the different finding compared to clinical sign and the other examinations.