

Indications to thermoradiotherapy in the inoperable cancer of the tongue

It is known that tongue tumors are very often inoperable when we make diagnosis and therefore. Various are the treatments of these neoplasms. Histologically the most percentage of tongue tumors are squamous cells carcinomas. We use surgical treatment when it's possible for the localization and extension of these disease; in the other cases we prefer a combined therapy, based on radio-chemo and radiofrequency hyperthermia. We have seen that it is possible to obtain the best results with the association of radiotherapy and radiofrequency hyperthermia. We have treated 5 cases of inoperable tongue cancers (histologically, all were squamous cells carcinomas), previously submitted to radiotherapy, with radiofrequency hyperthermia at 13,56 MHz, using Leveen's unit. The mean age of these patients was 40 +/- 7 years and of these, 3 males and 2 females, all smokers.

The treatment with hyperthermia followed radiotherapy in a time about 30 minutes. We have Leveen's apparatus obtaining temperature surface from 41,5 C to 43,5 C. The patients under went to the treatment 3 time a week for 120 minutes, and were controlled every 90 days for 15 months.

The results have been encouraging because of cancer stabilization in all of these patients, with a decrease of local pain, amelioration of tongue's function and improvement of the mean survival (9 months) and quality of life versus patients treated with radiotherapy only.

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Hyperthermia with radiotherapy of the uterine

In the treatment of... combined with radiotherapy... results. We report literature on the management of the cervix, radiotherapy to local and deep peria... a radiofrequency electrode applied twice in a... vical temperature... tion of the neoplasm measured by T.A.C. of radiations and the higher doses of radiotherapy, with the two therapies, with doses due to a reduction of therapy.

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