

## Radiotherapy of the tongue

often inoperable when we are the treatments of these percentage of tongue tumors are surgical treatment when it's sion of these disease; in the y, based on radio-chemo and e seen that it is possible to ciation of radiotherapy and treated 5 cases of inoperable squamous cells carcinomas), with radiofrequency hypert-unit. The mean age of these e, 3 males and 2 females, all

wed radiotherapy in a time pparatus obtaining tempera-e patients under went to the s, and were controlled every

use of cancer stabilization in f local pain, amelioration of he mean survival (9 months) ed with radiotherapy only.

## Hyperthermia combined with radiotherapy in the treatment of the uterine cancer

In the treatment of the uterine cancer, the use of hyperthermia combined with radiotherapy had given high percentage of good results. We report our initial experiences and a survey of the literature on the matter. In the cases of advanced cancer of the uterine cervix, radiotherapy with standard doses (20-50 Gy) was combined to local and deep pelvic hyperthermia with a LeVeen's unit based on a radiofrequency equipment at 13,56 MHz. The hyperthermia was applied twice in a week, for a period of two-six weeks. The intracervical temperature was 42,5°C for 60 minutes. A considerable reduction of the neoplasm was achieved. The diameter of the tumor, measured by T.A.C., had a reduction about 50% with the low doses of radiations and thermotherapy in the 82% of the cases and with the higher doses of radiations in the 36% of the cases. Infact, combining the two therapies, we obtained better results with lower radiotherapeutic doses due to a reduction of the resistance of the tumor to the radiot-herapy.

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