

# STUDY FOR EVALUATION OF A NEW COMPOUND (FAG<sup>®</sup>) IN ACUTE TOXICITY CONTROL IN PATIENTS WITH HEAD/NECK CANCER DURING RADIOTHERAPY AND CONCOMITANT CHEMOTHERAPY

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## MATERIALS AND METHODS:

During the second quarter of 2013, we have given to 42 patients, during RT treatment for head/neck cancer (26 males, 16 females), products with FAG<sup>®</sup> for skin, oral mucosa and oropharynx.

The medium age is 67 (range 51-76).

26 patients did a RT treatment after surgery and 16 a total RT treatment.

2 of these last, did also concomitant Chemotherapy.

At the beginning of treatment were given to patients the cream for skin, the mouthwash, the gel for oral mucosa and the spray for oropharynx mucosa.

Patients were evaluated from the first session of treatment, during which were given to patients the products and explained how to use them. The evaluation had been done each week till the end of therapy.

The acute toxicity had been clinically evaluated and recorded following the CTCAE3 scale.

## RESULTS:

The toxicity at the end of treatment was so divided:

Oral mucosa: G0°24 patients, G1°12 patients, G2°6 patients;

Oropharynx mucosa G0°22 patients, G1°15 patients, G2°5 patients

Skin :G0°15 patients, G1°18 patients, G2°9 patients.

2 patients asked to use painkilling drug during the treatment.

The result on the prevention of the acute toxicity due to radio and chemotherapy has been good.

In our patients we did not had a mucosa toxicity and skin toxicity of high grade (G3°-G4°).

