

Treatment schedule

If you choose to be treated with Lipoplatin plus low dose radiation, the treatment schedule is as follows:

Premedication

Before Lipoplatin administration the patient is treated with the following premedication

- 1.** 250 mg Solu Cortef (Hydrocortisone Sodium Succinate). SOLU-CORTEF Sterile Powder is an anti-inflammatory glucocorticoid that contains hydrocortisone sodium succinate as the active ingredient.
- 2.** Half an ampule of FENISTIL (5 mg) GlaxoSmithKline. Fenistil contains dimetindene maleate, an antihistamine/anticholinergic that is a selective H1 antagonist and is used as an antiallergic drug. It is used topically to treat skin irritations, such as insect bites. Dimetindene is also administered orally to treat allergies, such as hay fever. Unlike first generation antihistamines, it causes only minimal drowsiness.
- 3.** One ampule TAGAMET (CIMETIDINE - INJECTION) a histamine H₂ receptor antagonist that inhibits stomach acid production. USES: Cimetidine is used to treat ulcers of the stomach or intestines and prevent them from returning after treatment. This medication is also used to treat certain stomach and throat problems caused by high acidity (e.g., Zollinger-Ellison syndrome, erosive esophagitis) or a backward flow of stomach acid into the esophagus (gastroesophageal reflux disease-GERD).

Lipoplatin monotherapy treatment details

A dose of 200 mg/m² dose (approximately 2-3 vials of Lipoplatin 300-450 mg total in cisplatin) are diluted in 500 ml saline or 5% dextrose and infused iv with the help of a peristaltic pump over 4 h.

No post or pre- or post-hydration is given to minimize loss of Lipoplatin through the urine.

The Lipoplatin treatment is given on Days 1,4 followed by low-dose radiation on the subsequent day.

The treatment is repeated for 8 or more consecutive weeks.

The patient is then reevaluated with PET/CT

Low-dose RT

A dose of 2 Gy against the major lesions (determined from the PET/CT) is given on the following day. The optimal timing is 6-36 h from Lipoplatin infusion start so that the nanoparticles have accumulated in the tumors and the low-dose radiation damages 14-fold more the tumor cell mass because of a radiosensitizing activity of Lipoplatin determined to be 14-times better than that of cisplatin in animal models in Canada.

The treatment is given on Days 2,5

Frequency of Lipoplatin RT

This treatment can be applied 2 times per week or weekly depending on the performance status of the patient, the type of tumor and the urgency to debulk cancer lesions.

In several cases Lipoplatin is infused on Mondays and Thursdays (150-200 mg/m²) followed immediately after infusion by radiation (at 6h from infusion start) for convenience to avoid bringing the patient to the hospital more frequently.

After the anticipated success you may be placed under **maintenance therapy** (involving a similar treatment every 4 to 6 weeks depending on the initial severity of your condition and the success of the treatment and the type of malignancy) or be left with no Lipoplatin treatment but reevaluated every 3 or 6 months. This will be decided by your oncologist and an expert Medical Team. **You will also be given alternative treatment with natural products with anticancer activity, vitamins and advice on your food regimen.**

Food Supplements

Regulon and the treating oncologists will supply all patients with a number of food supplements with known anticancer activity from plant extracts. These do not cause any side effects; on the contrary they can make the patients feel better

In addition, the patient will be advised to take vitamin B-100, Vitamin C and Vitamin E to boost the immune system to fight cancer, to diminish the danger of cardiovascular disease and reduce neuropathies, pain and ease symptoms from adverse reactions.