

Hyperthermia associated to chemo radio surgical therapies - a new concept of stabilization of the tumors

Hyperthermia associated to chemo - radio - surgical therapies. A new concept of stabilization of the tumors.

To day we have observed many times the traditional therapies of the cancer show severe limitations, or because of diffusion of the neoplasm (local or general) or inoperable conditions or intolerance to chemotherapeutic agents to other techniques of therapy.

Thermotherapy is an agent without doubt not immunosuppressor and many studies have already demonstrated the synergism of effects between hyperthermia and chemo - radiotherapy. At first this fact permit to associate with benefit these therapies and to arrive to a reduction in dosages of chemiotherapeutic agents and of radiotherapy doses. We have seen the possibility to cure many patients in which a therapy is not possible and, overall, in which the possibility of operative treatment because of many reasons isn't present.

In second point, we have obtained also the possibility to treat with surgical therapy tumors of the bowel, untractable before thermotherapy.

At least, we can say that a percentage of cases of inoperable tumors of lung and of the digestive tract (colon especially) about 40% have obtained a stabilization we can't observe with other therapies.

Intralumin stenosis of l

Intraluminal appl
gnant stenosis of
The applicator is
two perfusion line

Intraluminal hyp
gnant bile duct dis
chous stenosis and
cinoma with anas
female. The aver.
PTCD had been
applicator with a
Saline perfusion i
ment while monit
was performed at
Chemotherapy an
In all attempts, the
lesion and the opti
ses of bile ducts v
observed. Among
except for the loca
The intraluminal l
duct with our app
practically.

Pigliucci G.M., Fiorito R., Caldarelli G., Iorio B., Venditti D.,
Cervelli V., Vittorini V., Cervelli A. (1), Casciani C.U.;
Clinica chirurgica generale e terapia chirurgica II Università di Roma;
(1) Cattedra di Paradontologia II Università di Roma.

Hiroshi Kushiro, K.
Suzuki, Motohiko F.
Dept. of Surgery, Shu