

Eradication of bowel inoperable tumor after hyperthermia with LeVeen's unit

We have treated with hyperthermia at 13,56 MHZ 3 cases of bowel's cancer (adenocarcinoma) and have operated the same patients after 3 months. It's very important to notice that the intraoperative finding was an absolute un resecability: peritoneal and ileal infiltration. The local treatment was conducted with 3 applications of hyperthermia during a week and by a general administration of 5-FU for 1 month. The second operation showed a disappearance of the peritumoral infiltration and a capsule of fibrous tissue about the tumor. Histological findings showed many zones of necrosis. The possibility of putting off the tumors realized a total eradication of the neoplasm. Hyperthermia is a good therapy in those cases in which other possibilities aren't present. Particularly, the effect of the heat on the tumor tissue is very evident in these cases. No other therapy were possibile with this effect of local trapping and operatibility. The importance of the associated thermotherapy and surgery show the use fullness to increase the experience about pre-or-intra operative hyperthermia.

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