

HYPERFRACTIONATION, This patient is to undergo a course of hyperfractionated radiotherapy in the treatment of known malignancy. The radiotherapy will be given in a hyperfractionated fraction (decreased dose per fraction but 2 fractions delivered daily separated by a period of at least 6 hours). The rationale for this treatment is based on radiobiologic principles that make this type of therapy more effective in rapidly growing, previously irradiated or poorly oxygenated tumors. The dose per fraction and the total dose are calculated by me, and this is individualized for each patient according to radiobiologic principles. During the hyperfractionated radiotherapy, the chance of severe acute side effects is increased, so the patient will be followed more intensively for the development of any side effects and treatment instituted accordingly.