

Hyperthermia in Oncology - Principles and Therapeutic Outlook

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Local and regional hyperthermia as part of multimodality treatment approaches was proven to enhance the therapeutic efficacy of standard radiotherapy and chemotherapy protocols in the treatment of several malignant diseases. Recent technical advances, e.g. CT- or MRI-based planning systems, are contributing to improved quality assurance.

This book gives an overview on biological and technical fundamentals, hyperthermia procedures and clinical indications, and summarizes clinical results for the combined use of hyperthermia with radio- and/or chemotherapy. It is dedicated to the interested reader without any expertise in local and regional hyperthermia and provides fast access for the use of hyperthermia.

