

Title: PLANNING HYPERTHERMIA WITH AMIRAHYPERPLAN®, CLINICAL EXPERIENCES

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Material and Methods:

Cases will be presented where planning the hyperthermia with AmiraHyperplan® is implemented. After performing a CT scan and segmentation of the body, the planning is performed. Different parameters of possible hyperthermia are presented. Treatment is performed in the Sigma 60 (BSD, Utah, USA).

Results:

Parameter changes in the planning of hyperthermia lead to immediate results with in the patients. The planning can display the side effects of hot spots prior to treatment and can also track the side effects that occur during the treatment. This planning can be well implemented in pelvic as well as in abdominal treatments.

Conclusion:

Planning hyperthermia is crucial for optimal treatment. This planning can change the hyperthermia within minutes.

Topics: Treatment planning, oral presentation preferred