
On-line guidance of mini- and non-invasive therapies

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Résumé

Mini- and Non-invasive interventional procedures show a high potential in oncology as an alternative to classical surgery. Several techniques are under investigation: A necrosis in pathological tissues can be achieved using non-invasive ablation techniques upon local radiation therapy techniques or local thermal energy deposition. Their objective is to precisely control on-line a local energy deposition within a pathological area in order to achieve an effective treatment, with a reduced duration and an increased level of safety for the patient.

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