

Abstracts

Submillimeter Diameter Interstitial Microwave Hyperthermia Applicators: Preclinical Testing

C.F. Gottlieb, F.L. Moffat, M.J. Hagmann, T.M. Babij, P.V. Houdek and J.G. Schwade.
"Submillimeter Diameter Interstitial Microwave Hyperthermia Applicators: Preclinical Testing."
1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 529-532.

Interstitial hyperthermia applicators as small as 0.20 mm in diameter have been fabricated using ultraminiature coaxial cable. Animal studies show less local tissue trauma with equivalent heating to commercial 1.1 mm diameter applicators. Precise nonsurgical hyperthermia of deep-seated tumors may be achievable with these applicators.

 [Return to main document.](#)