

# Abstracts

## Submillimeter Diameter Interstitial Microwave Hyperthermia Applicators: Preclinical Testing

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"Submillimeter Diameter Interstitial Microwave Hyperthermia Applicators: Preclinical Testing."

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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.

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