

# Abstracts

## Focused Electromagnetic Heating of Muscle Tissue (Short Papers)

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*P. Raskmark and J.B. Andersen. "Focused Electromagnetic Heating of Muscle Tissue (Short Papers)." 1984 Transactions on Microwave Theory and Techniques 32.8 (Aug. 1984 [T-MTT] (Special Issue on Electromagnetic-Wave Interactions with Biological Systems)): 887-888.*

A cylinder of muscle tissue may be heated at depth by applying an electric field to a circumferential gap in a metallic cylinder surrounding the tissue. Experiments at 150 MHz on a 10-cm-diameter cylinder verify the theoretical calculations and show a well-defined focus on the axis.

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