

Abstracts

Capabilities of Multi-Applicator Systems for Focused Hyperthermia (Comments)

P.F. Turner. "Capabilities of Multi-Applicator Systems for Focused Hyperthermia (Comments)." 1983 Transactions on Microwave Theory and Techniques 31.10 (Oct. 1983 [T-MTT]): 851-852.

In the above paper, the author has incorrectly assumed that aperture size must be limited to a lateral dimension of not less than one wavelength in fat tissue in order to prevent excessive heating of superficial fat. The reference cited to support this conclusion did not make such a generalization, but rather provided an example which implied this restriction at a particular frequency and with a certain aperture size. In actually, however, focussed co-phased applicators are useful across a much broader range than Knoechel has suggested.

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