

# A FOCUSED MONOPOLAR RADIOFREQUENCY CAUSES APOPTOSIS: A PORCINE MODEL

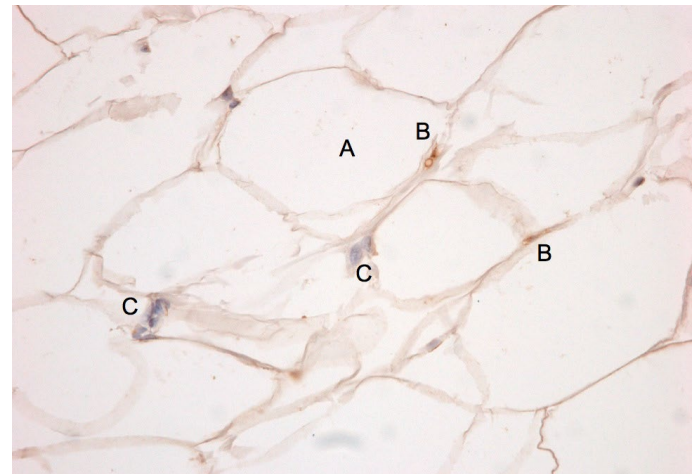
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J Drugs Dermatol. 2014;13(11):1336-1340.

## HIGHLIGHTS

- A unique veterinary apoptosis study on Vietnamese pigs proving terminal **killing of fat cells**.
- Temperature probes evidenced fat tissue temperature increase to **42-46°C** during the treatments while maintaining safe skin temperature.
- Histological analysis of biopsies using TUNEL method proved the apoptotic index to increase from average of **7%** (before the first treatment) to an average of **53.4%, 39.6%, 40.2%** and **44.7%** respectively after each of the 4 treatments.
- Histopathological examination demonstrated complete **safety**.



Application area.



Adipocyte (A) apoptotic nucleus is stained brown (B), other nuclei are blue (C) (400x).

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