# Effects of noninvasive synchronized radiofrequency and novel HIFES: Histological analysis of Porcine dermal Collagen and Elastin

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+26% Increase in Collagen

## Methodology

- 8 Large White female pigs, 60-80 kg
- Active (N=6): Four 20-minute treatments on belly
- Control (N=2): Untreated

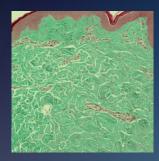
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 Three biopsy explants obtained at baseline, 1 and 2 months post-reatment +110% Increase in Elastin

### **Results**

- Active group showed highly significant changes
- Elastin and collagen did not change in control group
- Skin temperature was maintained at 40 42°C throughout the treatment.
- No adverse events observed

### **Collagen - Trichrome Stain**

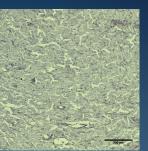


Baseline



2 Months After

#### Elastin - Orcein Stain



Baseline

2 Months After

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