

## PRODUCTION OF HYALURONIC ACID INCREASED BY RF+TARGETED ULTRASOUND

## RADIOFREQUENCY AND TARGETED ULTRASOUND HAVE SHOWN TO ENHANCE NATURAL HYALURONIC ACID PRODUCTION: PORCINE ANIMAL STUDY

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## **Highlights**

- 12 swines divided into 2 groups were treated on the side of the abdomen
  - 9 received RF+Targeted Ultrasound
  - 3 received **RF only**
- Both groups received four 30-minute treatments, once a week
- 168 samples were collected and evaluated by ELISA test







In RF only group





Light microscopy of samples stained with Hyaluronan binding protein (HABP):
The brown HA was significantly enhanced in the RF+TUS group
compared to its baseline in intensity and distribution