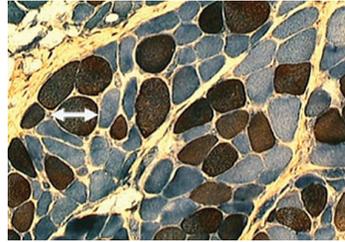
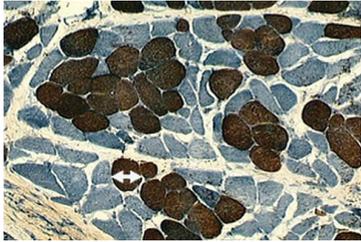


STRETTA AND SECCA THERAPIES

Non-Ablative RF to Smooth Muscle



Herman et al, DDW2013 Poster

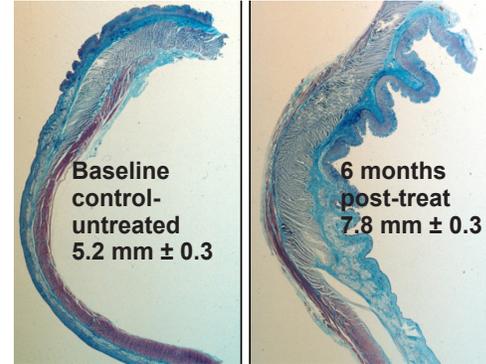
PORCINE

The mechanism of RF delivery to smooth muscle at the cellular level in an animal model include:

- Structural changes to and growth of the smooth muscle (size and amount) and redistribution of the interstitial cells of Cajal
- A change to stimulate myofibroblasts which directly influences the production of muscle
- A change in the muscle fiber to connective tissue ratio, this ratio becomes higher because the amount of connective tissue decreases while muscle fiber tissue increases
- Increase in Collagen 1 (connective tissue)
- Decrease in Collagen 3 (fibrosis scleroprotein)

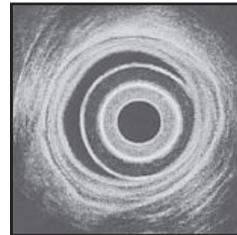
CANINES

50% mean increase in thickness of the GE junction ($p < 0.0001$)

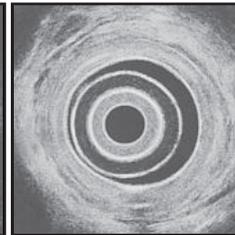


Kim M, GI Endoscopy 2003

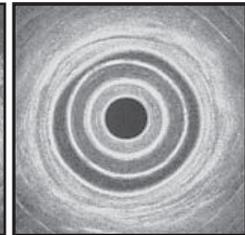
HUMANS



Before Stretta



After Stretta



3 Months After

De Angelis C, Repici A, Dughera L. UEGW 2004