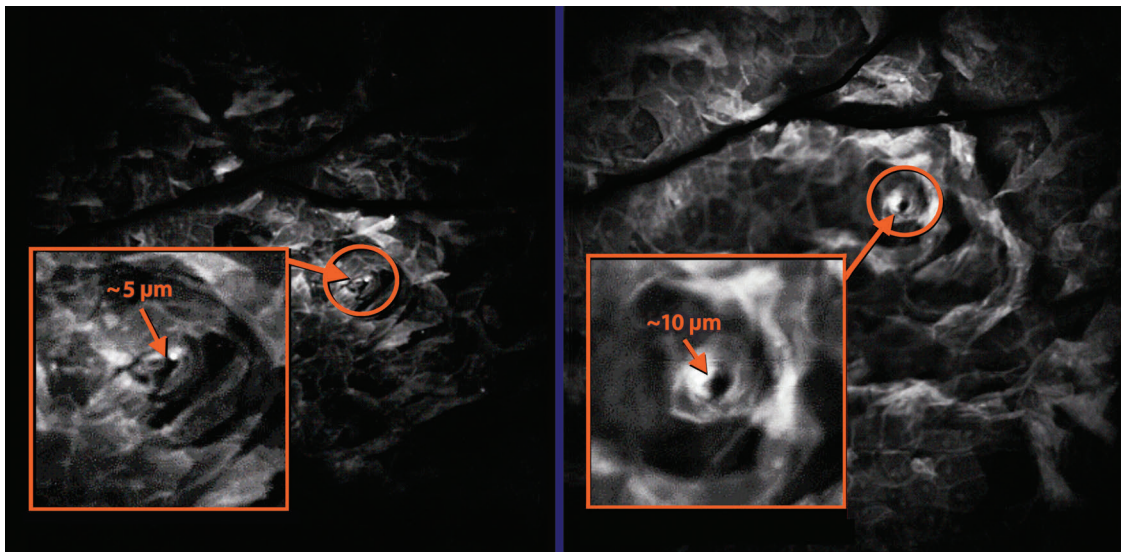


U-WAND / CLINICAL DEMONSTRATIONS

Confocal Imaging

TSI did a Confocal image of the skin showing the before and after effect of the ultrasound waves. As seen below, there was a doubling of the size of the pore after just 10 seconds expanding from 5 microns to 10 microns.



Before 5 μm

After 10 μm

Dye Marker Penetration Test

In this test a blend containing hydrogel with a blue dye was deposited in a thin layer upon the skin's outer surface. Next a U-Wand was placed over the dye and turned on for 1 minute. This photo of the skin section reveals spikes of the dye penetrating the pores of the skin

Regulatory Status - The U-Wand is certified under the FDA's Abbreviated Device Application for Ultrasonic Skin Contact. The requirement was to demonstrate that the device does not irritate the skin and that its range of ultrasound falls into a range that is considered safe by FDA, which the U-Wand easily does.

