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The visualization of hair follicles by means of Ultrasound scanner to reduce damage for hair follicles during FUE (follicular unit extraction)

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FUE has many advantages but definitely have disadvantages as well. One of them includes potential for high follicle transection rate. There is a difference in angle between hair and follicle. We want to use ultrasound as a way to overcome the difference. In addition, we will present a method to make the FUE more easily using our sensor.

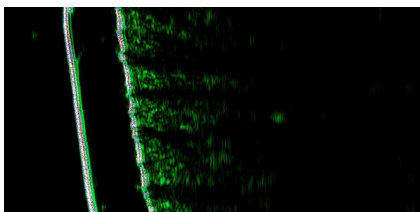


Figure 1: The scanned image is saved in a computer program.

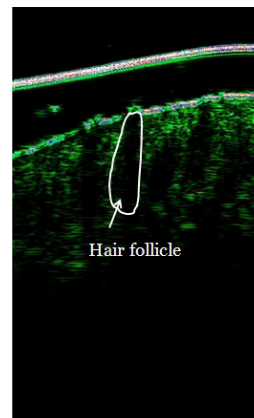


Figure 3: The follicle is hypochoic as seen here

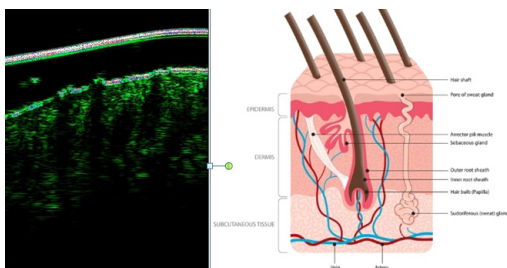


Figure 2: Rotated 90 degrees to help understand



Figure 4: Sensors used in ultrasound-guided FUE