



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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Abstract:

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.

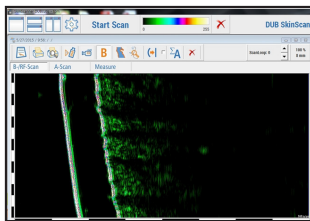


Figure1. The scanned image is saved in a computer program.

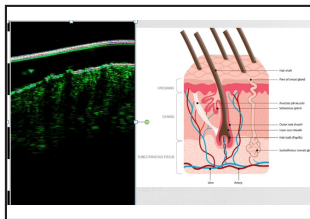


Figure2. Rotated 90 degrees to help understand

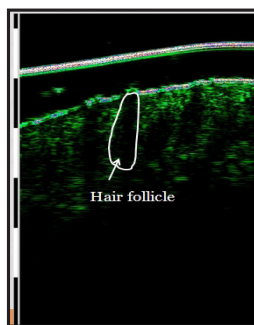


Figure3. The follicle is hypochoic as seen here.

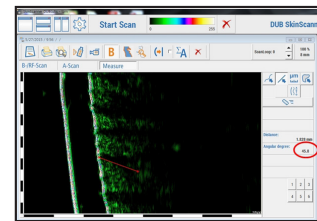


Figure4. In this picture, the follicular angle is 45.8 degrees.

Biography:

WooKoung Lee has been since 2010 as a dermatologic surgeon. He has been a active lecturer or participant at a lot of international conferences. He has performed hair transplantation by means of FUE or FUT for about 1,500 patients during last 8 years and most of them were satisfied with the results.

Publication of speakers:

1. WooKoung et.al, Dermatol Surg 32; 56-62 Vol: 12, 2019:489-495
2. WooKoung et.al, Hair Transplant Forum Intl 18(5); 175-6
3. WooKoung et.al, The British Journal of Radiology, 85(2012), 647-655