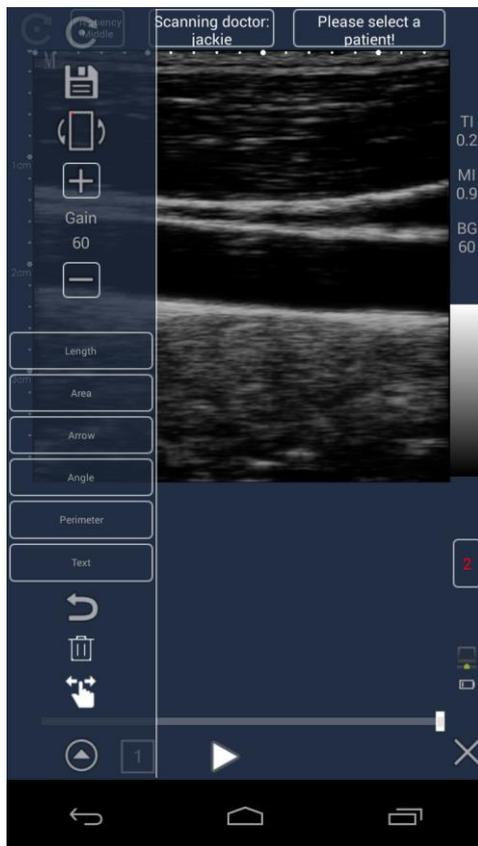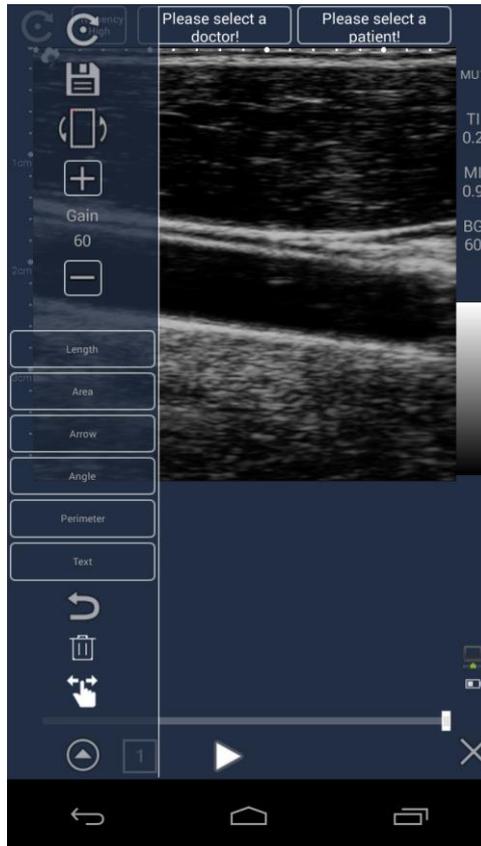**Handheld Color Ultrasound Scanner**

Image Comparison Between 80-Element Probe and 128- Element Probe

1. Carotid scanning in Black and White
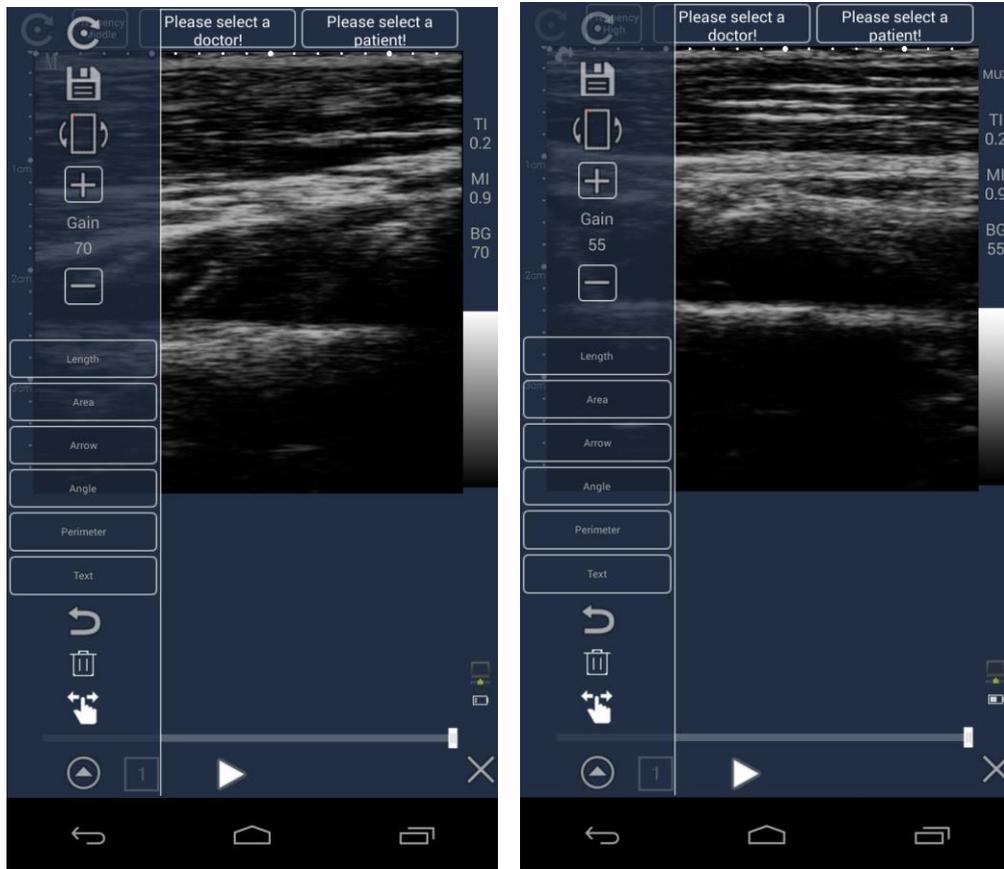(Note: Adjust gain both at 55-60 to make the image quality to the best.)

80-Element   128-Element

Conclusion: It can be seen that the image between 80-Element and 128-Element in black and white is almost the same.

2. Median nerve scanning in Black and White.
(Note: Adjust the gain of 80-Element to 70 and the gain of 128-Element to 55 to the best.)
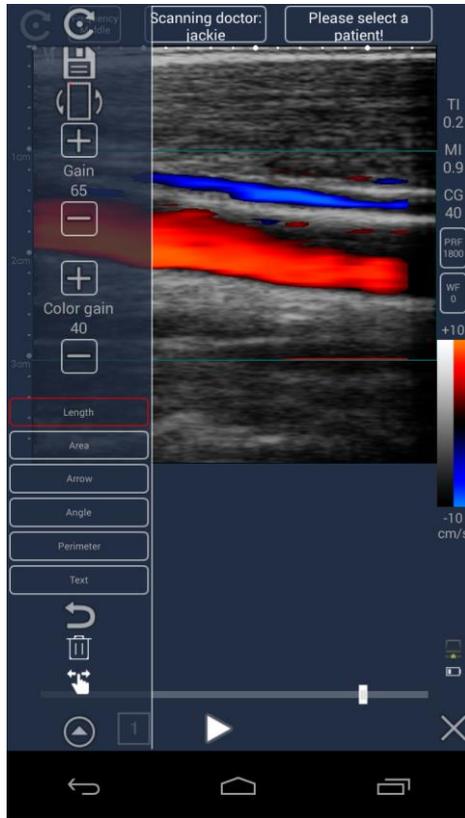

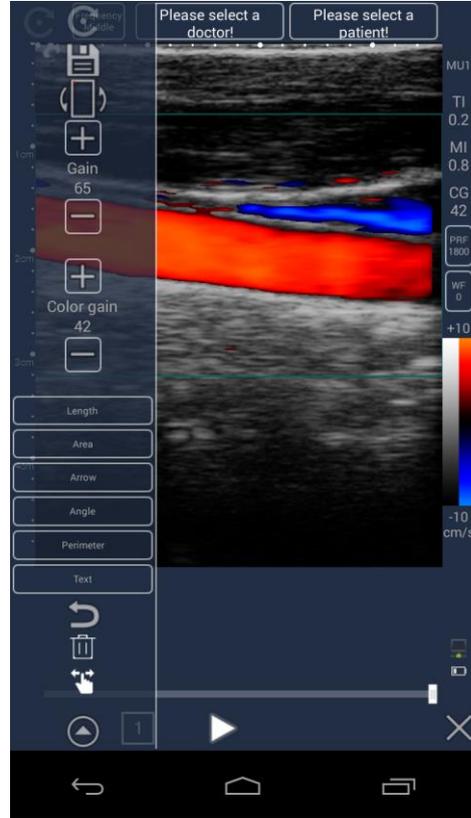80-Element   128-Element

Conclusion: It can be seen that the image between 80-Element and 128-Element in black and white is almost the same.

3. Carotid scanning in Color Doppler
(Note: Adjust the gain both at 60-65, color gain both at 40-44, PRF both at 1200-1800 to make the best image quality to the best.)
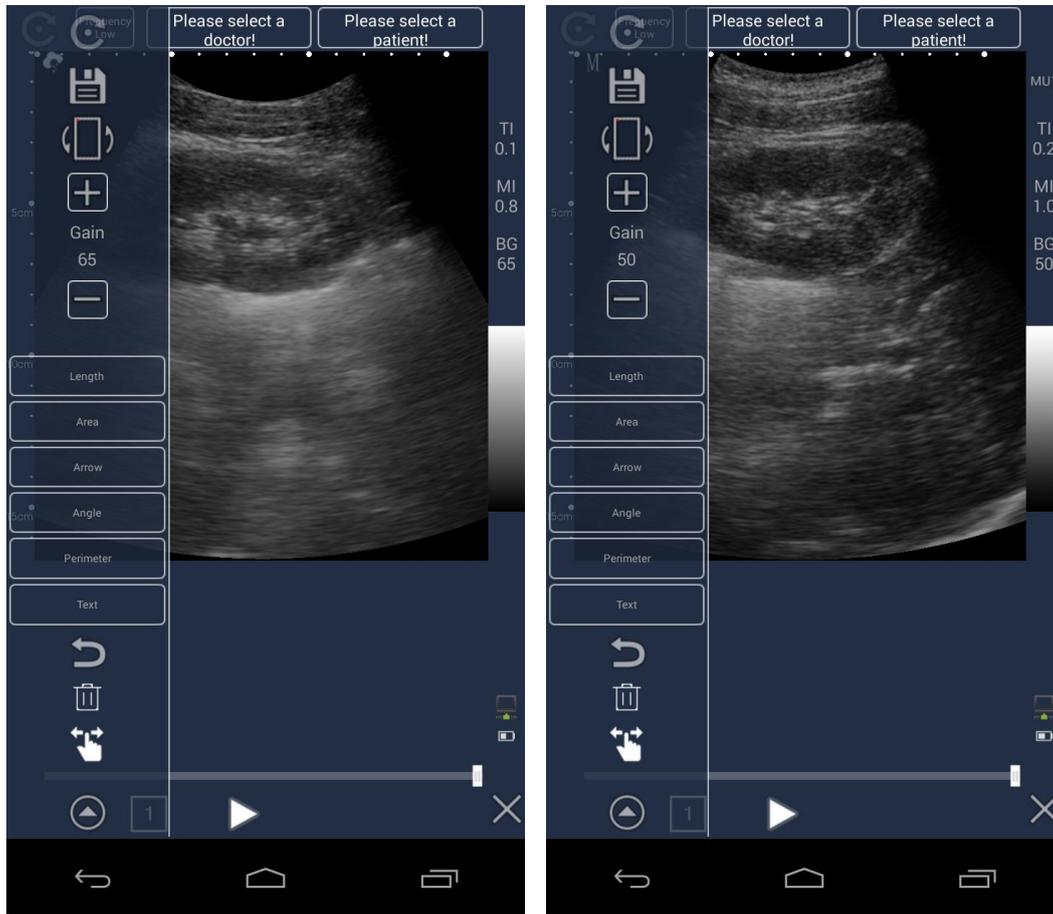

80-Element   128-Element

Conclusion: It can be seen that the saturation of 128-Element is better than 80-Element.

4. Kidney scanning in Black and White
(Note: Adjust the gain of 80-Element to 65 and 128-Element to 50 to make the image to the best quality.)

80-Element   128-Element

Conclusion: The smoothness of 128-Element is better than that of 80-Element.

END