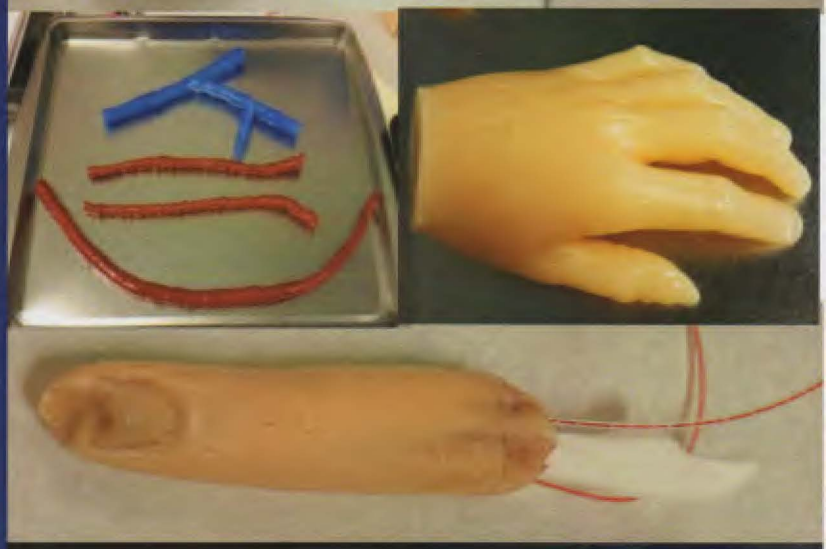
TEST PHANTOMS FOR BIOMETRIC LIVENESS DETECTION AND SYSTEM VALIDATION

We create state of the art test phantoms for the testing and validation of biometric sensors focusing on an ultrasonic modality. We offer a variety of subdermal physiological features recreated and measurements including arterial and venial distention and compression, bones, blood flow, demographics fat, muscle, and skin.



Applications

Healthcare Sensor Validation (Wearables)
Blood Pressure Monitors, Heart Rate Monitors, Blood Flow, Vascular Compliance Testing

3D Dynamic Biometric Fingerprint Imaging
Subdermal, Dynamic, Physiological feature set imaging

Biometric "Liveness" Detection
Subdermal Dynamic feature set imaging, Arterial Network Pattern Matching, Bone Detection

Microfluidics and Lab-On-Chip

NSF

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