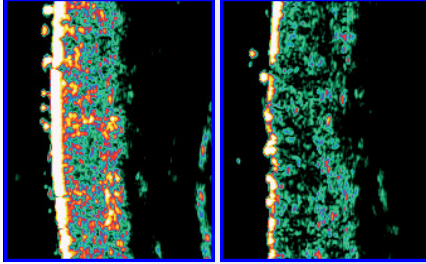


# Skinprint Biometric Analysis Model 0712

## Skin Analysis for Custom Formulation of Cosmeceuticals and Medical Applications



**Ultrasound** measures dermal damage and reconstruction/remodeling post procedure and post topical treatment

Principle: Rotating 20MHz X-tal, 3.7 mm Penetration

Far left: 20 year old

Near Left: 50 year old



**Elasticity** measures the visco-elastic properties of skin via the stress/strain method by applied suction cup.



**Skin Hydration** is measured through conductivity measurements in a pin probe single frequency measurement



**Trans-Epidermal Water Loss (TEWL)** measures barrier function through the open chamber vapor diffusion gradient method.



**Pigmentation and redness (erythema)** is measured via reflectance spectrophotometry.



**Sebum** is measured via tape strips on micro porous film and then measuring translucency.



- All measurement probes fit conveniently into a one touch screen console for ease of use and convenience to the patient.
- Small desktop footprint
- Built in patient database
- Print out
- Reproducible measurements for improvement documentation over time