Dr. Brion Benninger (Sports Medicine, Clinical Anatomist, Reverse Translational researcher and Innovative Medical Educator) COMP-Northwest, Western University of Health Sciences, was the first to successfully combine Glass with the SonicEye finger ultrasound transducer using Fukuda-Denshi and Sonoste ultrasound systems to apply his Triple feedback technique.

February 2014, Dr. Brion Benninger was the first to combine Google Glass with ultrasound during physical examinations of the limbs, neck, thorax and abdomen.

March 2014, Dr. Brion Benninger was the first to combine ultrasound and Glass to prove that images can be successfully obtained from donor cadavers and live subjects.

March 2014, Dr. Brion Benninger was the first to combine Glass with ultrasound to successfully identify foreign bodies (shrapnel) that would be lodged in upper and lower limbs during military combat and civilian firearm violence.

July 2014, Dr. Brion Benninger was the first to successfully assess medical students anatomy knowledge using Google Glass during anatomy lab examination, identifying cadaver structures without the traditional use of pins, flags and strings.

August 2014, Dr. Brion Benninger was the first to successfully combine Glass with SonicEye ultrasound finger probes to identify fractures of the mandible on donor cadaver patients.

August 2014, Dr. Brion Benninger was the first to deliver a formal radiology lecture including ultrasound to first year medical students using Google Glass.

August 8-10, 2014, Dr. Brion Benninger addressed Oral Maxillofacial Surgical Anatomy titled ‘The Temporamandibular joint and a Novel International Classification System of Subcondyler Fractures’ and Anatomy in Sports Medicine titled ‘Scapulodyskiniesis requires anatomical knowledge of Scapulothoracic, and Scapulohumeral rhythm’. In both presentations, Dr. Benninger highlighted integrating Google Glass, ultrasound and a linear finger probe (Fukuda-Denshi & SonicEye respectively) creating triple feedback during physical examinations.

August 2014 in Zakynthos, Greece, Dr. Brion Benninger delivered an invited presentation about Google Glass, ultrasound and his triple feedback technique at the
Vesalius Consortium. He revealed and compared Vesalius innovation to triple feedback with Google Glass and ultrasound SonicEye linear and biplanar finger probes.

September 2014, **Dr Brion Benninger** was the first to successfully combine Glass with DirectVision urinary catheter by PercuVision. Professor Benninger is able to view the urethral contents through the Glass while placing a urinary catheter. He taught COMP-Northwest medical students how to place urinary catheters using DirectVision on an advanced urinary simulator and then on donor cadavers.

September 2014, **Dr. Brion Benninger** was the first to successfully combine Glass with ultrasound delivered an invited presentation at the St. Charles Healthcare System grand rounds using Google Glass emphasizing the history of bedside examination which has culminated into a triple feedback technique created by Dr Benninger using old school palpation skills, innovative dynamic ultrasound with Glass. He addressed the importance of anatomical knowledge and medical innovation.

September 2014, **Dr. Brion Benninger** was the first to successfully combine Glass with the ultrasound to host a symposium and hands-on workshop integrating common field emergency procedures with innovative technology. Dr. Benninger was the first to teach a formal workshop to emergency medical services personnel using Glass and ultrasound while applying the triple feedback technique created by Dr. Benninger.

September 2014, **Dr. Brion Benninger** was the first to successfully combine Glass with ultrasound to provide a CME course titled *Common Uses of Ultrasound for the Family Practice Physician*. The participants experienced using Glass, palpation with novel finger probes to witness the triple feedback technique developed by Dr. Benninger.

October 2014, **Dr. Brion Benninger** was the first to successfully combine Glass with ultrasound linear finger probe during a *Procedures Lab* for Emergency Medicine, Military, Surgical, Ultrasound, Orthopaedic and Sports Medicine Clubs attended by first and second year medical students at COMP-Northwest in Lebanon Oregon conducted by Dr. Eschelbach, Medical Director at St Charles Health System, Redmond Oregon.

October 2014, **Dr. Brion Benninger** was the first to successfully combine Glass with SonicEye ultrasound finger probes to identify neck structures on healthy subjects.
and on donor cadaver patients.

October 2014, Dr. Brion Benninger was the first to successfully combine Glass with SonicEye ultrasound linear finger probes to identify the temporomandibular joint on healthy subjects and donor cadaver patients.