



PRESS RELEASE

Dr Jeremy Bland, Consultant Neurophysiologist at East Kent University Hospital, has purchased Esaote's MyLab™Twice ultrasound scanner with Elastography, for a Carpel Tunnel Syndrome clinic which runs three times a week in the Neurophysiology clinic. Ultrasound is a useful diagnostic tool alongside nerve stimulation to clarify the presence and severity of CTS.

East Kent University Hospital offers an innovative initiative fund which allows clinicians from the trust the opportunity to present new solutions or initiatives to improve patient services. Dr Bland presented the role of ultrasound in CTS clinics to a Board comprising of the Finance Director, Director of Services and Director of Medical Physics: as a result the board awarded Dr Bland the funding to purchase an ultrasound scanner for his CTS clinic.

Dr Bland had previously used a portable scanner, but needed a higher end system to improve the resolution, which would allow better imaging of nerve structures. A new scanner would also allow the clinic to increase patient capacity and reduce waiting times for diagnosis and treatment of CTS.

The inclusion of Elastography software also allows Dr Bland the opportunity to carry out further research and study of CTS. This is an area of research that is a developing modality using Elastography in assessing the stiffness in nerves and the surrounding tissues.

Dr Bland commented *"The Esaote's MyLab™Twice allows extraordinary superficial nerve imaging when used in conjunction with the high frequency 22Mhz transducer. It is one of the very few systems that have extremely sensitive power Doppler for use in assessing vascularity in peripheral and median nerves"*.

Dr Bland first became aware of the Esaote's *MyLab™ Twice* at the ISPN meeting in Rome 2012, he was impressed by the quality of images and resolution it offered.

