



## **Quantel Medical Offers New Generation 10 MHz B Probe To Further Expand Ultrasound Diagnostic Capabilities**

*New probe offers unprecedented views of the vitreous, ocular wall, and the vitreoretinal interface for greater imaging clarity and tissue differentiation and characterization.*

**CLERMONT-FERRAND, France — December 21, 2015 — [Quantel Medical](#)**

(Quantel), a global ophthalmic medical device company dedicated to developing leading technologies to improve the diagnosis and treatment of ocular diseases, announces the availability of a new generation 10 MHz ultrasound B probe capable of never before available imaging of ocular anatomy, the vitreous, ocular wall, and vitreoretinal structures and features.

Several engineering advancements, including reduced signal-to-noise ratio, a large dynamic range, and high sensitivity, combine to offer unparalleled visualization and characterization capabilities for low reflective structures, such as inflammatory cells, blood cells, floaters, and membranes. Because it can produce superior image quality, the 10 MHz probe can facilitate the identification of critical ocular structures, including the posterior hyaloid, and aid in the differential diagnosis of anatomic changes at the vitreoretinal interface, such as tractional detachments and tears.

“Ultrasound is a safe, noninvasive diagnostic tool for the evaluation of a variety of ophthalmic disorders,” said Peter Good, MD, of the Birmingham and Midland Eye Center, United Kingdom. “The new B probe from Quantel Medical offers unparalleled image quality, excellent dynamic information, and new potential for tissue characterization and visualization. One small example of this is that the clinician will be better able to visualize blood flow to uveal tumors, thus adding to the ability to correctly diagnose this potentially serious ocular disorder.”

The 10 MHz probe is fully compatible with Quantel Medical’s Aviso and Aviso S platforms, Quantel Medical’s market leading ultrasound platforms that have been heralded for being multifunctional and versatile for use in various ophthalmic settings. Aviso and Aviso S are compatible with a full line of anterior and posterior segment probes to offer a full range of diagnostic capabilities. These platforms are powerful and adaptable diagnostic tools, offering full A- and B-scan capabilities for applications as diverse as ocular biometry to globe, orbit, retina, and anterior segment diagnostics.

## **About Quantel Medical**

Founded in 1993 and headquartered in Clermont-Ferrand, France, Quantel Medical is a global ophthalmic medical device company dedicated to developing leading technologies to improve the diagnosis and treatment of ocular diseases. Quantel Medical has a strong emphasis in research and development, resulting in many first-to-market product introductions and a comprehensive product portfolio of diagnostic ultrasound and surgical lasers for ophthalmologists. These products are available through direct sales operations in the U.S. and France, and through independent distributors in over 80 countries. Quantel Medical is a division of Quantel (QUA:EN), a world-wide leader in the development of solid state lasers for scientific and industrial applications. For more information, please visit [www.quantelmedical.com](http://www.quantelmedical.com).

Company contact:  
Jan-Philippe Heydel  
Jan-Philippe.Heydel@quantel-medical.fr

Media contact:  
Delphine Southon  
Delphine.Southon@quantel-medical.fr