



**PRESS RELEASE  
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**VERASONICS AND SONIC CONCEPTS ANNOUNCE COLLABORATION TO DELIVER THE HIFUPLEX™  
PORTFOLIO FOR PREMIUM QUALITY, INNOVATION AND VERSATILITY  
IN FOCUSED ULTRASOUND (FUS)**

***Ultrasound-Guided Platform to Advance Biomedical Research in Focused Ultrasound***

***Currently, Both Companies are Debuting HIFUPlex at the International Symposium on Therapeutic  
Ultrasound (ISTU) 2017 Underway in Nanjing, China***

Kirkland, WA, May 31, 2017 – Verasonics, a leader in research ultrasound, today announced a collaboration with Sonic Concepts, Inc., Bothell, WA, an innovator of high-performance transducers, to deliver a new family of products called HIFUPlex. The HIFUPlex Portfolio brings together the best of Verasonics' Vantage systems and Sonic Concepts' transducers, providing customers with premium quality, innovative products and exceptional versatility in ultrasound-guided focused ultrasound (USgFUS) for biomedical research. The collaboration agreement includes co-marketing and reselling of certain Sonic Concepts' transducers by Verasonics to scientists who are active in research and new product development, and was executed on May 5, 2017. Visit Verasonics and Sonic Concepts exhibits at ISTU 2017 currently underway in Nanjing, China to learn more about HIFUPlex.

"The Vantage system has proven to enhance ultrasound research enabling the expansion in transducer design and development. We are excited to team up with Verasonics in leveraging the Vantage research system with our transducer technology, providing researchers with premium ultrasound-guided focused ultrasound solutions," said Kyle Morrison, Sonic Concepts' President.

Over the last few years, Focused Ultrasound (FUS), a non-invasive therapeutic technology, has gained tremendous momentum with new research advancement and product development. FUS demonstrates important and growing utility in a variety of clinical areas including cardiology, endocrinology, musculoskeletal medicine, neurology, oncology, urology and women's health. Until now, magnetic resonance imaging (MRI) has predominantly been used to guide FUS, however researchers today are developing USgFUS applications because they are more flexible and less costly. Ultrasound is becoming increasingly preferred as a valuable technique not only for energy delivery, but also to identify, guide and target tissue in real time, as well as monitor the treatment.



Vantage ultrasound systems are used today at numerous institutions and companies worldwide for FUS research and product development. The Vantage 64 LE, 128 and 256 systems are now available in high intensity focused ultrasound (HIFU) configurations, which enable both energy delivery and imaging using the same transmitters for flexible and comprehensive exploration with USgFUS. HIFUPlex can be used across a wide range of FUS application areas, including tissue destruction, drug delivery, neuro-stimulation and modulation, immunomodulation, stem cell honing, and many others.

**HIFUPlex offers:**

- Five standard ultrasound system and transducer configurations to meet a range of customer requirements, including variable depths and frequencies, for research and development
- An easy upgrade pathway from any Vantage configuration and from non-USgFUS solutions using Sonics Concepts' Transducer Power Output™ (TPO™) system
- A graphical user interface (GUI), with interleaving scripts that control the major parameters of FUS and imaging

“The Sonic Concepts team is considered expert in designing and manufacturing cutting-edge, top-of-the line therapeutic transducers,” said Lauren Pflugrath, Verasonics’ President & CEO. “Together, we will deliver the HIFUPlex Portfolio, enabling high quality and broad flexibility in focused ultrasound research that can meet a wide range of requirements and budgetary constraints. We are looking forward to a collaboration with Sonic Concepts that advances and benefits the growing FUS community of scientists.”

Learn more about the [HIFUPlex Portfolio](#).

**About Verasonics, Inc.**

Verasonics is a privately held company founded in 2001, with headquarters in Kirkland, Washington, USA. Verasonics is the leader in research ultrasound and is focused on providing researchers and developers with the most advanced and flexible tools enabling them to develop new algorithms and products used in biomedical ultrasound, materials science, earth sciences, and the physics of acoustics and ultrasonics. Verasonics also licenses its technology to companies for use in their commercial products. Verasonics has customers located in 28 countries across North and South America, Europe, Asia and Australia.

**About Sonic Concepts, Inc.**

Founded in 1986, Sonic Concepts, Bothell, WA, delivers premium ultrasonic systems to the biomedical, industrial, marine and research markets. The Company specializes in designing and manufacturing transducers, electronics and software. Transducers and systems are installed in leading corporate product lines and academic research labs around the world.

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