

PRESS RELEASE

CONTACT:

Mithu Mukherjee
PR Manager
SAGE

mithu.mukherjee@sagepub.co.uk

Tel: +44 (0)207 3242223

Mobile: +44 (0)7795 031 482

ULTRASOUND MORE COST EFFICIENT THAN OTHER MEDICAL IMAGING CHOICES

LITERATURE REVIEW PUBLISHED IN *JOURNAL OF DIAGNOSTIC MEDICAL SONOGRAPHY*

Los Angeles, London, New Delhi, Singapore and Washington DC (May 27, 2009) – In comparing ultrasound with other medical imaging methods such as MRI and CT scans, a literature review of published studies in the May/June issue of *Journal of Diagnostic Medical Sonography (JDMS)* describes the use of ultrasound to provide an accurate diagnosis more cost effectively than the alternatives.

Since its first uses in the 1950s, ultrasound has been utilised mostly in hospital settings. But with the development of less costly, portable equipment, its use has expanded to doctor's offices, trauma settings, and even to outer space. The article compares the use of ultrasound to magnetic resonance (MR) imaging, computed tomography (CT), contrast angiography (CA), and single-photon emission computed tomography (SPECT).

In addition to evaluating the accuracy and cost effectiveness of ultrasound as compared to other medical imaging techniques, the study reviewed the use of ultrasound in the following applications:

- Obstetric and Gynecological
- Abdominal
- Vascular
- Cardiac
- Emergency
- Disease Diagnosis

“Ultrasound provides the ability to rapidly evaluate and diagnose abnormalities throughout the spectrum of clinical medicine,” write the authors S. Michelle Bierig, MPH, RDMS, FASE, FSDMS and Anne Jones, RN, BSN, RVT, RDMS, FSVU. “Its accuracy and cost-effectiveness in a variety of applications has led to its widespread adoption and use. The utilisation of ultrasound compared to the use of alternative imaging methods leads to increased cost efficiency in the diagnosis and management of patients.”

SAGE Publications Ltd

1 Oliver's Yard

55 City Road

London EC1Y 1SP

Phone +44 (0)20 7324 8500

Fax +44 (0)20 7324 8600

sagepublications.com

Reg. England No 1017514

Los Angeles London New Delhi Singapore



Accuracy and cost comparison of ultrasound versus alternative imaging modalities including CT, MR, PET and Angiography” in the May/June issue of *Journal of Diagnostic Medical Sonography* is available free for a limited time at: <http://jdm.sagepub.com/cgi/rapidpdf/8756479309336240v1>.

###

The ***Journal of Diagnostic Medical Sonography*** publishes the latest practical and research applications of diagnostic ultrasound. Advances in the newest hardware/software technologies and equipment are reviewed and thought-provoking case reports are presented. Through its dynamic features, the bimonthly journal helps those using sonography to integrate complex information while updating their professional skills. <http://jdm.sagepub.com/>

SAGE is a leading international publisher of journals, books, and electronic media for academic, educational, and professional markets. Since 1965, SAGE has helped inform and educate a global community of scholars, practitioners, researchers, and students spanning a wide range of subject areas including business, humanities, social sciences, and science, technology, and medicine. An independent company, SAGE has principal offices in Los Angeles, London, New Delhi, Singapore and Washington DC. www.sagepublications.com