

# SOUND bytes

Sound Diagnostics Newsletter No. 4, November 2007

2007 is disappearing fast. Sound Diagnostics has now been open for 4 months and we wish to thank all who have supported us during this time. We look forward to a continuing professional relationship.

This edition of Sound Bytes highlights some of the advances in CT imaging, our newly released gestational wheel and our education update.

## Computed Tomography

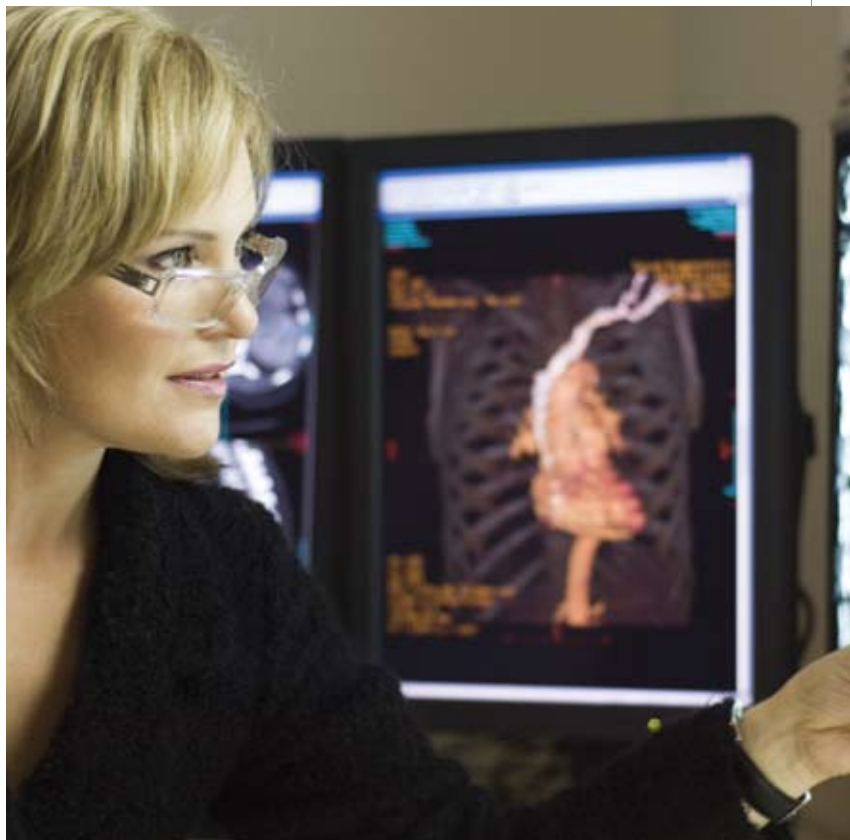
Investing in the latest technology does make a difference to diagnostic capability and patient welfare. At Sound Diagnostics, we undertook an extensive comparison of available CT machines. Resulting in the selection of the latest high end **General Electric (GE) BrightSpeed Multi-Slice Helical Scanner**. This machine has the ability to produce extremely high resolution images and multiplanar reconstructions which helps raise diagnostic confidence levels and can also assist with surgical planning.

GE's Optidose technology allows patient radiation dose to be dramatically reduced compared to many other scanners. The rapid scan times – typically 15 to 25 seconds, allows scanning of patients for whom suspended respiration and remaining still can be a problem with slower, older scanners. The more recognisable and “lifelike” coronal and sagittal reformats allow patients to more easily understand their results when shown their imaging either with us or by you in your surgery.

The role of CT is continually expanding. For **spinal conditions**, where there are symptoms of nerve root compromise, sacroiliac joint or facet joint pathology, CT alone will provide much more information than plain films and with reconstructions, also allows accurate assessment of alignment abnormalities.

**CT urography** now largely replaces other imaging for the primary assessment of renal colic.

The exquisite anatomy depicted on **CT sinus and facial bone** imaging now renders plain films almost obsolete in the work up of facial trauma and chronic sinusitis where surgical intervention is contemplated.



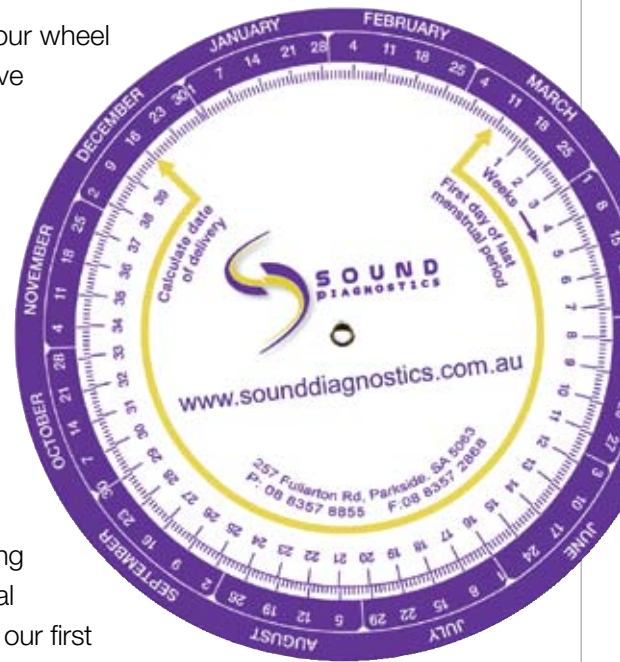
# Obstetric Gestation Wheels

We know all too well how quickly a gestational wheel wears out, if your wheel is needing replacement or if you would like additional wheels, we have released our very own **Sound Diagnostic** wheel.

If you would like a free gestational wheel, please contact us on **08 8357 8855** or email **Sue** on [sholmes@sounddiagnostics.com.au](mailto:sholmes@sounddiagnostics.com.au)

## Education Update

In line with feedback from our referrers, we are holding two interactive **Foot and Ankle Ultrasound Workshops** for Podiatrists at the end of the month. Both sessions are now booked out. We are currently looking into our education program for 2008 which will include another Medical Receptionist evening due to the overwhelming positive feedback from our first night. If there is a specific topic of interest that you would find beneficial, please email Sue Holmes on [sholmes@sounddiagnostics.com.au](mailto:sholmes@sounddiagnostics.com.au).



Our last education evening, “The Patient Journey Through Sound Diagnostics”, was well received. The purpose of the evening was to help office managers and medical reception staff understand what goes on behind the doors of a medical imaging department. As frontline staff, they often have to field questions regarding imaging. We hope those who attended found it worthwhile and had some fun along the way!

The next edition of Sound Bytes will be released in early 2008. We hope you have a Merry Christmas and a Happy New Year with your family and friends.

With season’s greetings and best wishes,

The Team at Sound Diagnostics.

