

MEDIA RELEASE

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AUSTRALIA'S FIRST INTELLIGENT CT SCANNER, THE PHILIPS BRILLIANCE iCT ARRIVES IN GEELONG

Imagine being able to take an image of the heart in just 0.27 seconds. From this image, a doctor could tell you if you had a blockage which could potentially cause a heart attack.

Imagine knowing this before it happened to you.

The very first Phillips 256-slice Brilliance iCT scanner was installed at Barwon Medical Imaging earlier this month; the first in Australia.

In an Australian first, this scanner is so powerful it can capture an image of the entire heart in two beats and can provide a full body CT scan in less than a minute.

Dr David Lun, Senior Radiologist, said the new machine is the fastest in the market.

"The Phillips Brilliance iCT provides faster and better imaging than the 64 slice CT scanner, which by the way is only a year old," Dr Lun said.

"The speed of the machine means we can quickly make a diagnosis. We can easily detect the possibility of a stroke with the Brilliance iCT."

The system also comes with Philips' Essence technology, consisting of new X-ray tubes, detectors and reconstruction design elements. This technology can provide detailed and clear 3D images of an entire organ, including the heart and brain, and can also show changes over time. All images also can be accessed on any computer in a hospital or by colleagues and researchers remotely, to make it easier for the whole team to share information.

Another important benefit of the Brilliance iCT is the incorporation of Philips' Step and Shoot technology which is designed to reduce patients' exposure to X-rays.¹

Paediatric imaging will also be improved as patients only need to hold their breath for three seconds. With the older machines, patients often had to hold their breath for 12 seconds, which can be hard for children and older people.

"Another major benefit we are seeing is the reduced amount on contrast needed to see the images. This is much better for the patient," Dr Lun said.

The Philips Brilliance iCT is now operating at Barwon Medical Imaging and is available with a referral from a GP or specialist.

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For more information please contact Kate Nelson on 5226 7707.

¹ In a retrospective study, the Wisconsin Heart Hospital found that it had achieved an 80-percent dose reduction using the Step & Shoot Cardiac feature compared to previous exams using helical CT angiography techniques.