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**cyclo**medica  
**molecular**imaging  
**techne**gas

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### **CYC Enters into Medical Imaging Joint Venture: Audio broadcast**

Cyclopharm Limited (CYC) provides the opportunity to listen to an audio broadcast with Mr James McBrayer, Managing Director in a presentation titled "**Cyclopharm Enters into Medical Imaging Joint Venture - Mr James McBrayer, MD**".

To listen, please visit the link below:

<http://www.brr.com.au/event/59146>

You may also like to visit our website, [www.cyclopharm.com.au](http://www.cyclopharm.com.au) for further information.

James McBrayer  
**Managing Director**

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## **Background**

### **Cyclopharm Limited**

Cyclopharm is a radiopharmaceutical company servicing the medical global medical community. The Company's mission is to enable nuclear medicine and other clinicians with the ability to improve patient care outcomes.

Cyclopharm achieves this objective through the provision of radiopharmaceutical products, Technegas (for lung imaging) and Molecular Imaging / PET radiopharmaceuticals (used in cancer, brain and cardiac imaging). Our customers are nuclear medicine departments located within hospitals and clinics.

### **Technegas**

The Technegas technology is a structured ultra-fine dispersion of radioactive labeled carbon, produced by using dried Technetium-99m in a carbon crucible, micro furnace for a few seconds at around 2,500°C. The resultant gaseous substance is inhaled by the patient (lung ventilation) via a breathing apparatus, which then allows multiple views and tomography imaging under a gamma or single photon emission computed tomography (SPECT) camera for the superior diagnosis of pulmonary emboli (blood clots in the lungs).

### **Positron Emission Tomography (PET)**

PET radiopharmaceuticals target specific tissues / organs, concentrate there, and the attached radioisotope emits radiation, which is then detected by a PET or PET / CT gamma (collectively PET camera). These imaging modalities help physicians improve their ability to detect and determine the location, extent and stage of cancer, neurological disorders and cardiac disease. By improving diagnosis, PET scans aid physicians in selecting better courses of treatment, as well as assessing whether treatment is effective or should be changed.

### **Macquarie University Hospital and the Macquarie University School of Advanced Medicine**

Macquarie University Hospital is a \$180 million development that will establish a major medical precinct within the Macquarie University Research Park to complement the Allied Health teaching services offered by Macquarie University.

The Macquarie University Hospital will be a state of the art facility that will also deliver health education and research on site.