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cyclopharm

Nuclear Medicine



cyclomedica

molecularimaging

technegas

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Cyclopharm receives regulatory approval in China for Technegas Plus generator

Cyclopharm Ltd is delighted to announce that after three years of working with the Chinese regulators, it has finally received approval to sale the Technegas Plus Generator in this rapidly developing market.

Technegas growth in China has been constrained these past few years due to the fact we were unable to place previous generator models while the new Technegas Plus generation was under review.

There are approximately 400 nuclear medical centres located in China. With only 40 older model generators located in China, management views achieving regulatory approval to market the new Technegas Plus Generator as an excellent opportunity to upgrade existing models and to increase the installed base of generators in China.

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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 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.

Macquarie Medical Imaging

Cyclopharm formed a joint venture with Alfred Health Solutions to provide all imaging services on-site at the hospital. The new venture named Macquarie Medical Imaging ("MMI") represents a rare strategic opportunity to provide a fully aligned and integrated diagnostic, therapeutic and research platform. The new venture will offer a range of diagnostic radiology, interventional radiology, nuclear medicine and molecular imaging services for inpatient and outpatients.

The combination of state of the art imaging equipment, a GE cyclotron located on the grounds of MUH, leading surgeons, clinicians and academics will ensure that MMI will become the leading centre of imaging excellence.