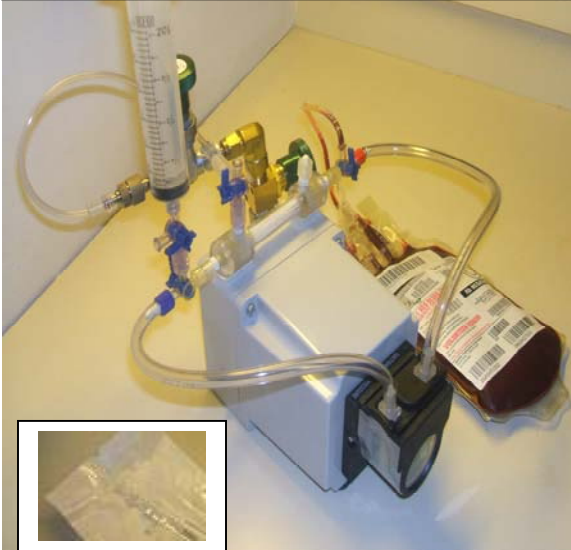


¹⁷O for magnetic resonance imaging (MRI) and scientific applications



Nuclear magnetic resonance (NMR) technology is accelerating a revolution in medical imaging.

NMR technology based on Oxygen-17 uses the magnetic properties of atomic nuclei that occur naturally in the body.

Oxygen-17 (¹⁷O) is now used for diagnostic applications and medical research to create a new generation of NMR images.

New developments with ¹⁷O enrich the quality of information about living tissue to enhance the practice of medicine in the fields of cardiology and neurology among others.

OxyNator™ and OxyCart™ are used to formulate the imaging agent using autologous blood, ready to deliver the complex to the target tissue for imaging in an MRI

Specifications for ¹⁷O in the form of gas

- Material ¹⁷O Oxygen 17 in the form of gas
- Isotopic content ¹⁷O-70 at%
- Purity 99.9 wt%

Other components in vol. ppm

CO	<	10
CO ₂	<	100
H ₂	<	50
N ₂	<	500



Oxy-17® is a registered Trade Mark of Rockland Technimed Ltd for: Oxygen-based patented diagnostic agents, preparations and substances for medical purposes, namely, contrast media for medical imaging for use with MRI diagnostic apparatus, and diagnostic scanning agents in the nature of contrast media for use in In-Vivo imaging. **OxyNator™** for the loading device and **OxyCart™** for disposable mini Oxygenator are Trade Marks of Rockland Technimed Ltd.