



Bell Potter Healthcare Conference

19 November 2024

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James McBrayer CEO & Managing Director



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The presentation includes certain statements, estimates and projections with respect to the anticipated future financial performance of Cyclopharm Limited and as to the markets for the company's products. Such statements, estimates and projections reflect various assumptions made by the directors concerning anticipated results, which assumptions may or may not prove to be correct. Cyclopharm Limited has not sought independent verification of information in this presentation.

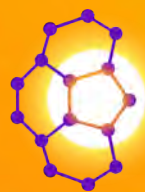
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All references to dollars unless otherwise specified are to Australian dollars.

This presentation was approved and authorised for release by James McBryer, Managing Director, CEO and Company Secretary.

- 1 **Step change in US demand for Technegas™** following successful **reimbursement** in the United States through the Center for Medicare and Medicaid Services (CMS) resulting in an **82% Increase** in pipeline opportunities since July 2024.
- 2 Technegas installed at **9 USA sites** with another **14 at implementation** stage. Signed contracts extending to a total of **87** potential installations. In total, **910** site potential.
- 3 **Consistent revenue** from Technegas™ sales during first half 2024 from the company's established markets in 64 countries globally.
- 4 Robust ongoing revenue from **third-party recurring consumable sales** up on prior corresponding period (pcp).
- 5 Cyclopharm's **Beyond PE strategy** to expand the use of Technegas™ validated by new and emerging clinical evidence.
- 6 Successful completion of a \$20 million **Capital Raising in May 2024**, followed by an over-subscribed \$4 million Share Purchase Plan in June 2024 underscoring support from shareholders for the accelerated US commercial roll out program.
- 7 Net cash at the half year of **\$27.56 million** – positioning the company to deliver on CYC's growth strategy.
- 8 Interim Agreement Signed with the **Veterans Administration** reaching 120 nuclear medicine departments + First Department of Defense P.O. received.



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Technegas Overview

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Technegas around the world



Technegas was introduced clinically **in 1986**



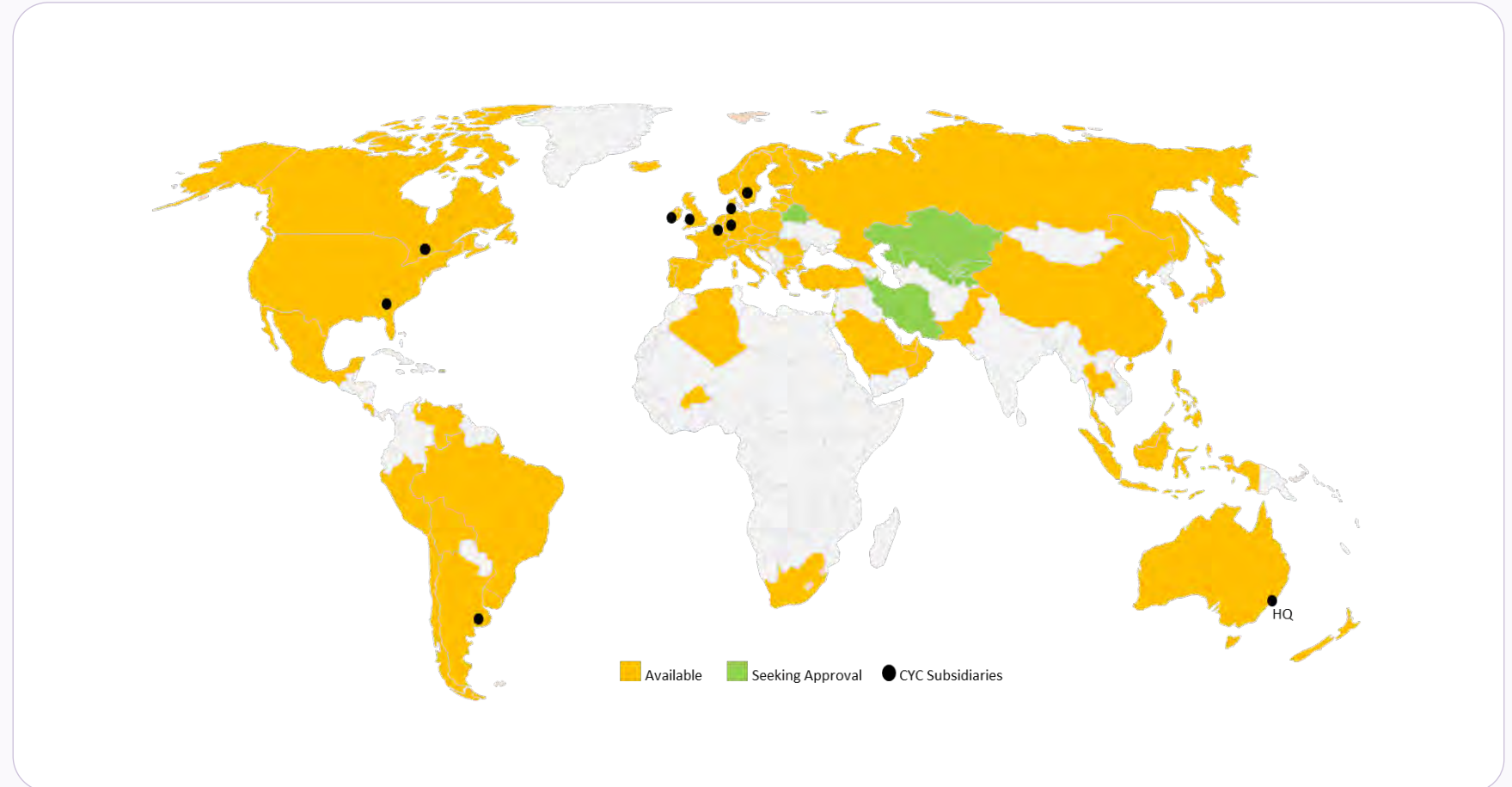
Technegas generators are available now in **66*** countries via a combination of direct and distributor sales models



Over **4.9 million** patient procedures to date



Leveraging global infrastructure with **Business Partner Product** distribution



Technegas Aerosol for Inhalation

Functional Imaging showing where Oxygen is distributed within the lung

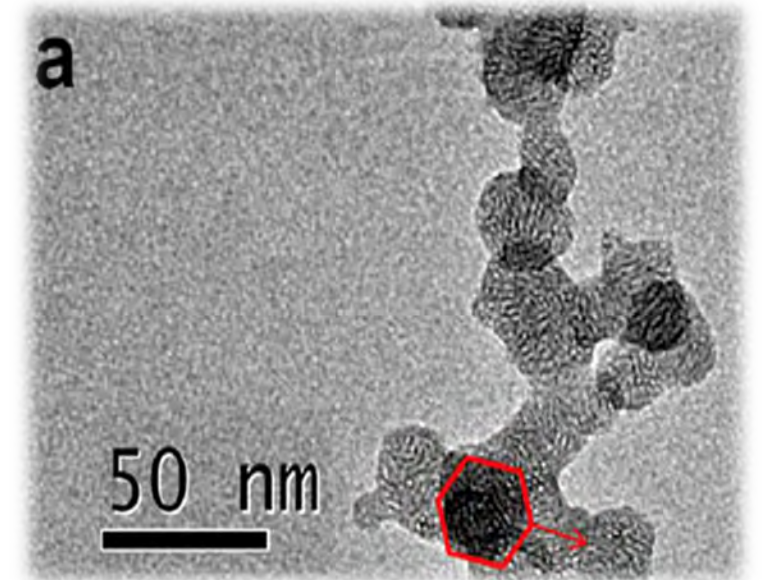
Technegas is composed of ^{99m}Tc cores encapsulated within layers of graphite to form individual hexagonal plate-like particles.¹⁻²

Technegas is manufactured by heating Technetium-99m in a carbon crucible within an argon environment for a few seconds at 2,750 degrees Celsius.³

Its very small particle size (>80 less than 1 micron or 1,000 nm⁴) allows distribution into the lungs like a gas and deposited in alveoli by diffusion, providing for Planar, SPECT and SPECT/CT ventilation imaging.



Image source:
Blanc-Béguin et al, 2020



How big is a nanometre?

- 100,000 nm = Sheet of paper thickness
- 75,000 nm = Human hair thickness
- 7,000 nm = Red Blood Cell diameter
- 2.5 nm = DNA strand diameter



1. Wiebe LI, et al. *Current Radiopharmaceuticals* 2010; 3(1): 49-59
2. Blanc-Béguin F, et al. *Mol Imaging Biol* 2020;
3. Lemb M, et al. *Eur J Nucl Med* 1993; 20(576-579)
4. *Pharmaceutics* 2023, 15(4), 1108; <https://doi.org/10.3390/pharmaceutics15041108>

Technegas – Proven Technology

1

Technegas is **the** nuclear medicine functional ventilation imaging **agent of choice** - Technegas shows **true functional ventilation** with operational and clinical advantages over competitive agents.

2

Technegas **unlocks the clinical potential** of Nuclear Medicine Imaging by leveraging **state of the art techniques** (SPECT, SPECT/CT & analytical software).

3

Nuclear Medicine delivers **superior clinical outcomes** in diagnosing PE at **exponentially lower radiation dose** than CTPA.

4

Nuclear medicine with Technegas paired with analytical software, is unlocking **a new era in lung imaging**.

Technegas Technology

Unique Drug + Device + Service combination = regulatory barrier to entry

Technegas comprises the following components

SYSTEM TECHNEGAS PLUS SYSTEM



PER PATIENT CONSUMABLES TECHNEGAS® SYSTEM PACK

Technegas (Crucible)



Technegas®
Contacts



Technegas Patient
Administration Set
(PAS)



IN ADDITION TO
THE SYSTEM PACK
Nose Clips



SUPPORT

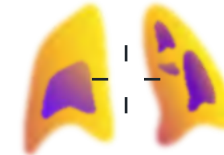
Training



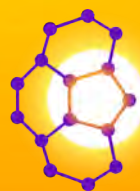
Engineering
Support &
Service



Image
Analysis



- USFDA Drug-Device Combination product
- Razor - Razorblade Model business model
- Per-patient consumables drive an annuity-like revenue stream
- All Technegas components are manufactured / assembled by Cyclopharm



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Technegas USA Expansion

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Broad Indication for use approved by USFDA

Potential applications across the entire field of respiratory medicine

Technegas (kit for the preparation of technetium Tc99m labeled carbon inhalation aerosol) for oral inhalation use – NDA 022335

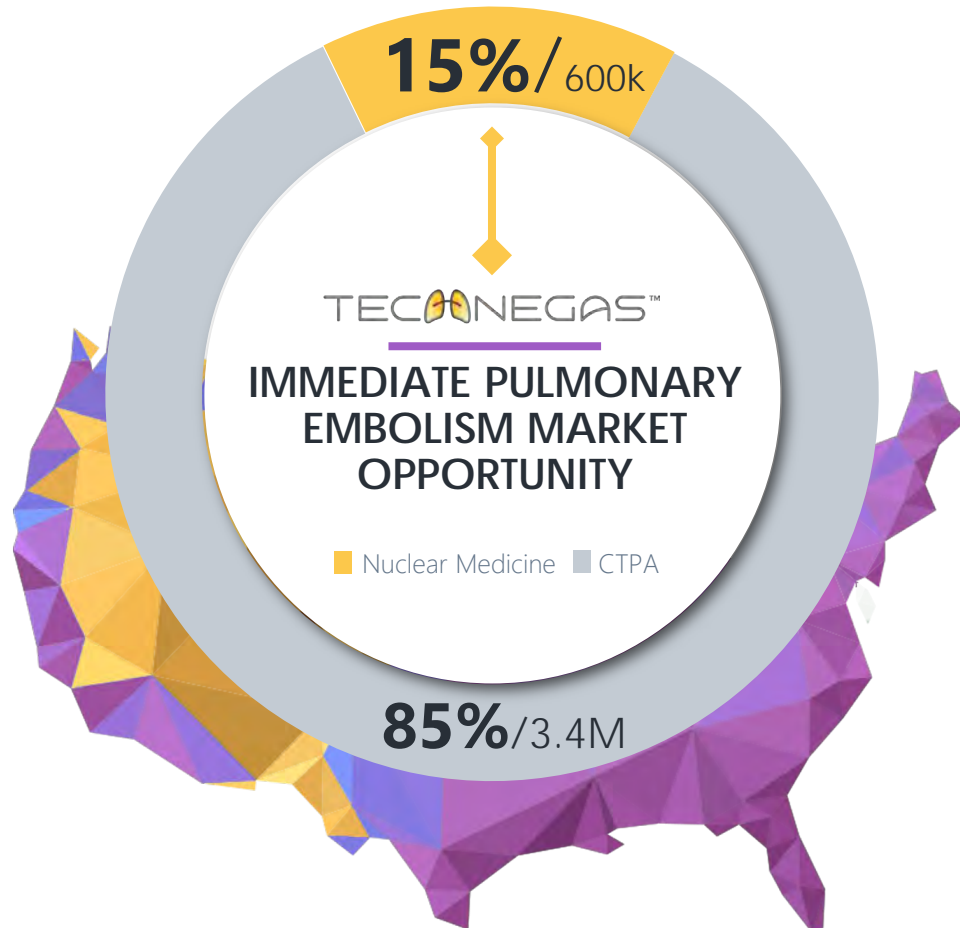
-----USFDA APPROVED INDICATIONS AND USAGE-----

TECHNEGAS, when used with sodium pertechnetate Tc 99m in the Technegas Plus System, provides technetium Tc 99m-labeled carbon inhalation aerosol (Technegas Aerosol), a radioactive diagnostic agent for use in adults and pediatric patients aged 6 years and older for:

- visualization of pulmonary ventilation
- evaluation of pulmonary embolism when paired with perfusion imaging

Overview of the US market opportunity

600K Nuclear Medicine Ventilation Procedures p.a. in the USA* for PE



- 1 Estimated 4,000,000 pulmonary embolism procedures in the USA p/a (15% Nuclear Medicine / 85% CTPA)
- 2 ~600,000 (15%) Nuclear Medicine procedures represents an initial US\$90m addressable market
- 3 Initial target for Technegas® ~480,000 patient procedures
- 4 Technegas expected to **displace Xe133 followed by DTPA** as the standard of care nuclear medicine diagnostic product in the US
- 5 3D SPECT imaging using Technegas is proven to be **clinically superior and safer than CTPA****
- 6 Cyclopharm's target is to **double the existing nuclear medicine PE market** in the US, which is dominated by CTPA, from 15% to 30% increasing the addressable market for PE to **US\$180m**
- 7 US entry expected to drive our **Beyond PE** strategy to use Technegas for additional disease states (asthma, long-Covid etc.) which are exponentially larger than the existing markets

* Revenue and patient volume projections based on internal company analysis

**Leblanc M, et al. CANM 2018; https://canm-acmn.ca/resources/Documents/Guidelines_Resources/MasterDocument_Final_Nov_21_incl-Exec-Sum_ver3_Dec.%2012_.pdf 2.a

US Customer Demand Accelerating

82% increase in pipeline opportunities following CMS approval from 1 July

US Technegas™ Sales Pipeline: 14 Nov 2024

	Initial Installation*	Additional Sites+	Total Potential Installations
Requested Proposal	287	50	337
Internal Committee	31	115	146
Contract Review	67	273	340
Implementation	14	14	28
Installed and Imaging	9	50	59
Total	408	502	910

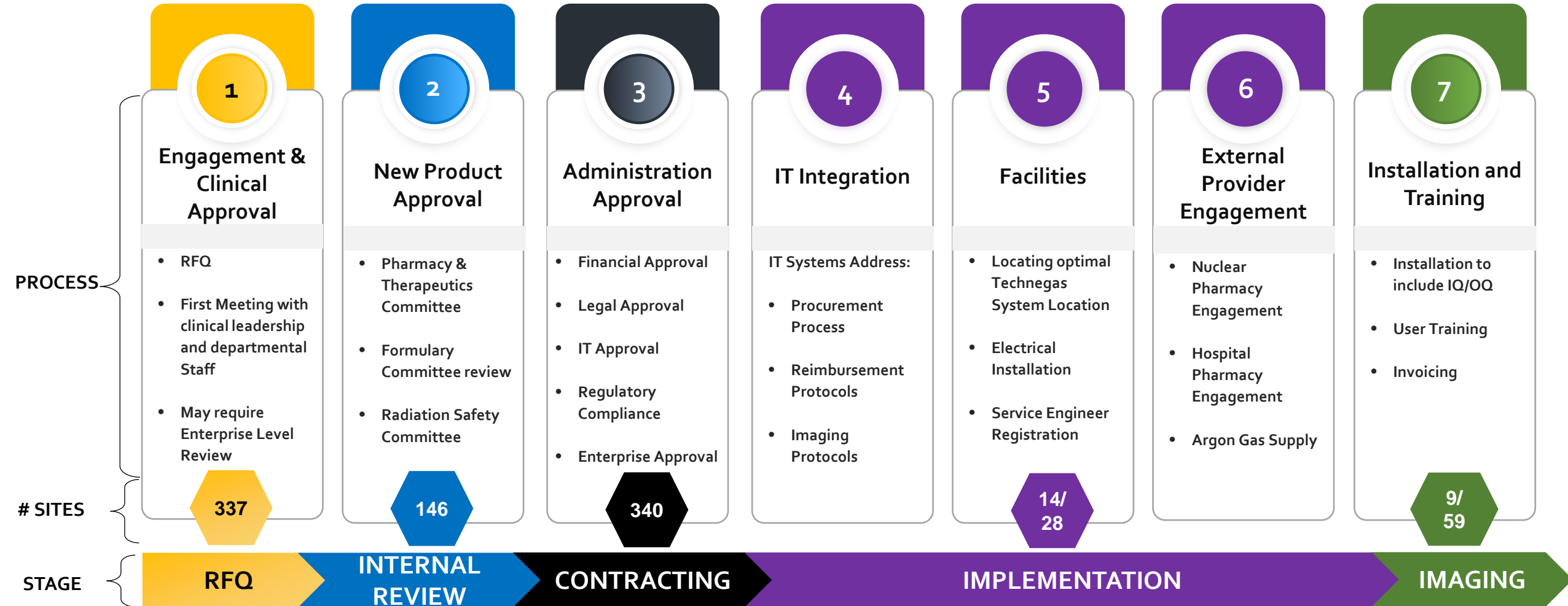
*Initial Installation = Locations that are engaged for Technegas System installation

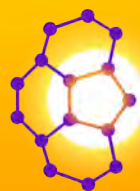
+Additional Sites = Sites that are contractually linked to initial installations on a secondary installation basis because of size, customer priority or buying group affiliation

- 1 **Recurring revenue** generating from **9** Technegas installed systems – **14** additional sites at implementation stage
- 2 **Contracts in place** extending up to **87** potential installations
- 3 **67** installation deals in contract review extending to a total potential **340** locations
- 4 **31** installations at Internal Committee stage extending to **146** potential installations
- 5 **287** installation potential from customer requested proposal representing a total potential of **337** installations
- 6 Current engagement reaching an additional potential **901** installations

Hospital Pathway To Technegas Clinical Use

~ 6-8 Month Process from New Product Approval to Installation





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Technegas in the USA Leveraging a Strong Foundation

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Compelling US Clinical Support

SNMMI Technegas Press Release – USA Catching up with the R.O.W.

FDA Approves Widely Used Imaging Agent for Respiratory Disease

September 29, 2023

Reston, VA—The U.S. Food and Drug Administration (FDA) has approved the imaging agent Technegas for use in ventilation–perfusion studies to diagnose pulmonary embolism and other respiratory pathologies. A carbon-based nanoparticle developed in Australia nearly 40 years ago, Technegas has been recognized as a standard for ventilation studies and is widely used in clinics around the world.

Benefits of Technegas include high diagnostic accuracy, low radiation burden to patients, and easy administration. It offers advantages for scanning of COVID-19 patients, as the procedure is quick and the apparatus is single use, without recirculation. In 2021, SNMMI urged FDA to begin a fast-track review of the agent.

“We applaud the FDA for the long-awaited approval of Technegas,” said SNMMI president Helen Nadel, MD, FRCPC, FSNMMI. “Technegas will offer advantages in diagnostic accuracy, workflow, and patient comfort for departments that adopt the technology and will have a large impact on those undergoing imaging for pulmonary disease.”

Pulmonary embolism affects approximately 900,000 Americans per year, and more than 34 million Americans live with chronic lung disease, according to the American Lung Association.

Technegas is manufactured by Cyclomedica and is currently distributed to 54 countries worldwide.

- “Recognised standard for ventilation studies”
- “Diagnostic Accuracy”
- “Improved workflow”
- “Patient Comfort”
- “Large impact on those undergoing imaging for pulmonary disease”

WHAT THE GUIDELINES SAY ABOUT TECHNEGAS :



Endorsed by the guidelines from the European¹⁻² and the Canadian³ Associations of Nuclear Medicine (EANM & CANM)

1. Bajc M, et al. Eur J Nucl Med Mol Imaging 2019; [Epub ahead of print]: <https://link.springer.com/content/pdf/10.1007%2Fs00259-019-04450-0.pdf>
2. Bajc M, et al. Eur J Nucl Med Mol Imaging 2009; 36(8): 1356-70; https://eanm.org/publications/guidelines/gl_pulm_embolism_part1.pdf
3. Leblanc M, et al. CANM 2018; https://canm-acmn.ca/resources/Documents/Guidelines_Resource/MasterDocument_Final_Nov_21_incl-Exec-Sum_ver3_Dec.%202012_.pdf 2.a

“ Using 99m-Tc-Technegas is according to clinical experience **better than the best aerosols** ”

“ Technegas® **facilitates interpretation**, particularly in COPD ”

“ For ventilation, **99m-Tc Technegas® is the best-aerosol** particularly in patients with COPD ”

“ **Liquid aerosols are inferior for SPECT** and should not be used unless Technegas® is not available ”

“ The **best widely available agent for ventilation** is 99m-Tc-Technegas ”

“ Because of the very small particle size, this agent is distributed in the lungs almost like a gas and deposited in alveoli by diffusion, where they remain stable, thus **providing the best possible images for ventilation SPECT** ”

“ Another advantage is that only a few breaths are sufficient to achieve an adequate amount of activity in the lungs, **reducing time and personnel exposure to radiation** ”

“ Technegas® is considered the **agent of choice** in the COPD population as there is less central airway deposition, better peripheral penetration, and it does not wash out as quickly as traditional aerosols ”

Technegas is the nuclear medicine agent of choice in established markets

Nuclear medicine published Survey

Technegas - the ventilation imaging agent of choice in established markets

ORIGINAL ARTICLE

Performance and Interpretation of Lung Scintigraphy

An Evaluation of Current Practices in Australia, Canada, France, Germany, and United States

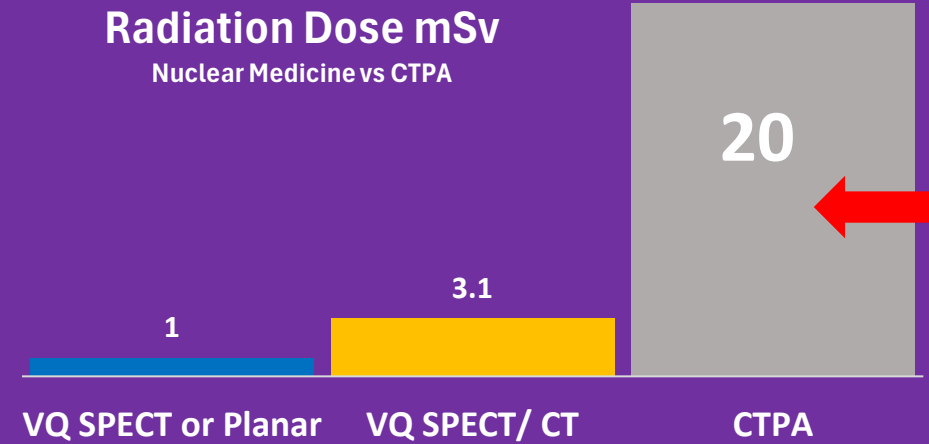
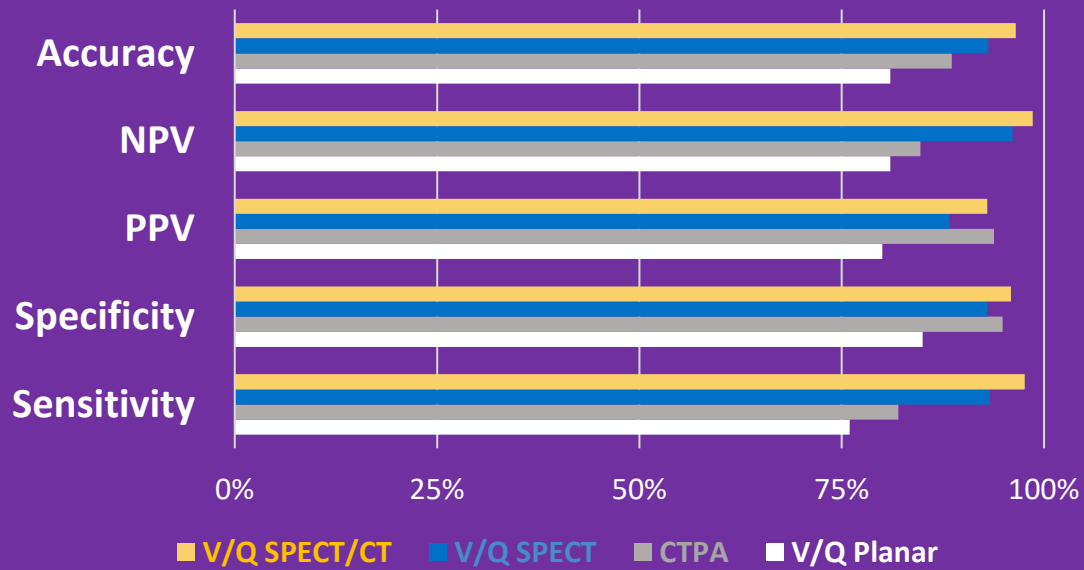
Romain Le Pennec, MD,* Wolfgang Schaefer, MD, PhD,† Mark Tulchinsky, MD,‡
François Lamoureux, MD,§ Paul Roach, MD, PhD,|| Christoph Rischpler, MD,¶
Katherine Zukotynski, MD, PhD,** Christopher O'Brien, MD PhD,†† Declan Murphy, MD,||
Pierre Pascal, MD,‡‡ Grégoire Le Gal, MD, PhD,§§
Pierre-Yves Salaun, MD, PhD,* and Pierre-Yves Le Roux, MD, PhD*

- *"The most striking result of this survey is the discrepancy in practices in the United States compared with other countries....."*
- *"The different physical physiological properties of ventilation agents may explain the differences in the choice of acquisition protocols (in the USA)....."*
- *"The recent FDA approval of ^{99m}Tc-Technegas may change practices....."*

Five-country survey conducted before Technegas USA launch highlights that:

- 85% of nuclear medicine ventilation studies ex-USA are performed using Technegas
- **Xenon-133 has been displaced** in all markets where Technegas is available
- SPECT imaging used in >**95%** outside the USA vs **32%** in the USA
- Some USA nuclear medicine departments have not resumed ventilation imaging since **COVID**
- **Beyond PE applications gaining traction** in CTEPH, Interventional Respiratory medicine, radiation therapy planning, lung transplant & PE follow-up

Diagnosing Pulmonary Embolism: V/Q SPECT +/- CT vs CTPA



Diagnostic ability of V/Q SPECT/CT¹, V/Q SPECT¹, CTPA¹ and V/Q Planar² to detect PE (adapted from Hess and al, 2016¹ and from Reinartz et al, 2004²)



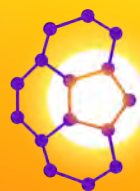
Peer Reviewed clinical studies have shown that V/Q SPECT/CT is **superior** compared to CTPA across most clinical measures with better overall diagnostic performance¹.



Nuclear Medicine VQ radiation dose, even combined with low dose non-contrast CT, is **exponentially lower** than CTPA

1. Hess S, et al. Semin Thromb Hemost 2016; 42(8): 833-845
2. Reinartz P, et al. J Nucl Med 2004; 45: 1501-1508

3. Leblanc M, et al. CANM guidelines; Nov 2018: www.canm-acmn.ca/guidelines



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Understanding the US Opportunity

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US Economic Model

Placement Model to Expedite Consumable Demand

- **US\$7k** one-off installation and training fee
- **US\$7k p.a.** technology fee, includes servicing
- **Annuity Revenue**
Per patient fee for consumables (sold in 50 patient units)
- **US\$70k** revenue per system per annum expected from larger sites¹
- **>15 yrs** average life per system
- **Targeting 2,000** of the 8,000 US nuclear medicine departments. **300** sites by the end of 2025.
- **System Placement model** supports rapid uptake by US customers by removing the initial capital outlay to drive implementation of the technology
- Initial focus on **clinical trial** and **high-volume sites** for the greatest clinical impact and greater repeat demand for consumables
- **Modest cost base** for US roll-out - ~US\$6.5m operating costs per annum by 2025
- High consumable annuity gross **margins** expected at **greater than 80%**
- **\$180m USD** market for diagnosing PE. Beyond PE applications to significantly grow the global market

1. Calculation based on expected demand and market price for competing products (e.g. Xe133).

Total value creation opportunity

Exponential Growth Opportunity Over The Next Decade

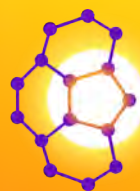
Pulmonary Embolism:

	Timeline	USA PE Market Share	Market size
1 Horizon 1 – Full displacement of existing nuclear medicine tests for PE	0 - 5 years	15%	US\$90m
2 Horizon 2 – Commence converting CTPA exams to Technegas	0 - 8 years	30%	US\$180m*

Beyond Pulmonary Embolism:

	Timeline Global	Market size
3 Horizon 3 – Expanding Beyond PE Globally into new indications such as asthma and chronic obstructive pulmonary disease	> 8 years	US\$900m
Total long term revenue opportunity		>US\$1.1bn

*Assumes Combined Nuclear Medicine and CTPA Market



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USA Commercialisation Pathway

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USA COMMERCIALISATION

Clinical

- ✓ Key Opinion Leaders engaged
- ✓ Medical Affairs Director Recruited
- ✓ Clinical Affairs Director Recruited
- ✓ R&D Programs Beyond PE Underway
- Recruit Chief Medical Officer 2025.



Regulatory

- ✓ Australian Site Manufacturing Approved
- ✓ USFDA Approval Granted
- ✓ State Pharmaceutical Wholesale Licenses being Granted
- ✓ US Regulatory support in place
- ✓ USA Specific Compliance – Sunshine Act, MLR,.....



Commercial

- ✓ Customer Success Roles Filled
- ✓ Reimbursement Management- CMS, Government & Private
- ✓ Scaling up to match inflow opportunities to include BDM roles



Product Distribution

- ✓ 3PL Service Provider



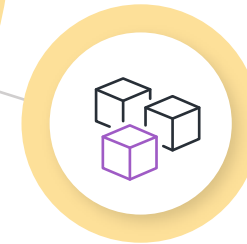
Operations

- ✓ Outsourced back office provider Contracted.
- ✓ Accounting



Inventory Build

- ✓ Stock is building in the USA
- ✓ Sydney manufacturing facility expanded- capacity is future-proofed



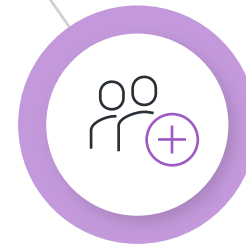
Education

- ✓ Application Specialists hired
- ✓ Utilising Coverage from established markets
- ✓ Suite of educational materials Developed



Service

- ✓ National network service provider Contracted
- ✓ CYC Service Team Established



Beyond PE: Blue Sky





Indication Expansion – The Importance, Urgency & Opportunity Beyond PE



- 1 Lung Disease in 2019 accounted for **6 million deaths** worldwide (**12%** of all deaths)
- 2 COPD and Lower Respiratory Infections and Lung Cancer will be the **3rd, 4th and 6th largest causes of death** by 2030.
- 3 “Over and underdiagnosis of Lung Disease has a **huge economic impact**. COPD misdiagnosis revealed that the under or over diagnosis and prevalence of this disease was 56.7–81.4% and 29.0–65.0%, respectively leading to **55.4% squandering of treatment costs²**”
- 4 Misdiagnosis can be **fatal**
- 5 **Exponential Growth Potential for Technegas**

1. World Health Organisation - The top 10 causes of death 2019 (who.int)

2. Munir, M., Setiawan, H., Awaludin, R. *et al.* Aerosolised micro and nanoparticle: formulation and delivery method for lung imaging. *Clin Transl Imaging* (2022). <https://doi.org/10.1007/s40336-022-00527-3>

Beyond PE applications

Already underway

>US\$1.1bn global market size*



Diagnosis and follow-up of **Pulmonary Embolism**¹ and **Pulmonary Hypertension**^{2, 15, 16, 18, 22}



Preoperative assessment of homogeneous **Endoscopic Lung Volume Reduction (ELVR)** candidates^{3, 17}



Preoperative assessment of **lung resection** candidates with borderline pulmonary reserve^{4, 5, 6, 20}



Planning **radiation therapy** to target tumors while preserving functional lung zones⁶⁻⁷



Advanced approach to phenotyping **chronic airways diseases such as asthma and COPD** and identifying patient likely to respond to treatment⁸⁻¹⁰



Use of alternate isotopes to make Galligas™ for **PET Molecular Imaging**^{14, 15}

*Including PE applications. On a long-term basis. See Slide 15 'Horizon 3' for further details.

1. Roach PJ, et al. J Nucl Med 2013; 54: 1588-1596
2. Ohira H, et al. J Nucl Cardiol 2015;22(1): 141-157
3. Hsu K, et al. J Bronchology Interv Pulmonol 2018; 25(1): 48-53
4. Mortensen J, Berg RMG. Semin Nucl Med 2019; 49(1): 16-21
5. Wechalekar K, et al. Semin Nucl Med 2019; 49(1): 22-30
6. Elojeimy S, et al. AJR Am J Roentgenol 2016; 207(6): 1307-1315
7. Eslick EM, et al. Semin Nucl Med 2019; 49(1): 31-36
8. Farrow C, King GG. Semin Nucl Med 2019; 49(1): 11-15
9. Jögi J, et al. Int J Chron Obstruct Pulmon Dis 2014; 10: 25-30
10. Bajc M, et al. Int J Chron Obstruct Pulm Dis 2017; 12: 1579-1587
11. Verger A, et al. Eur J Nucl Med Mol Imaging 2020; 47(11): 2709-2710
12. Baloul A, et al. Eur J Nuc. Med Mol Imaging 2021; 48(8):2525-2530
13. Bajc M, et al. Clin Med Insights 2021; Vol 14 1-4
14. Blanc-Beguin F, et al. Mol Img Bio 2021, 23:62-69
15. Currie G, J Nuc Med Tech 2021; 49:313-319
16. Ozguven, S, et al: Mol Imag Rad Therapy; 2021: 30:28-33
17. Tee, et al: Intrevent Pulmonology; 2021, DOI 10.1159/000515336
18. Le Roux, et al, J Nuc Med July 2022, 63 (7) 1070-1074
19. Berhouse, et al, Respiratory Research 2022; 23: 296
20. Ridiadia, et al, ATS Abstract: doi.org/10.1164/ajrccm-conference.2022.205.1_MeetingAbstracts.A2554
21. Venegas C, et al, ATS Abstract: doi.org/10.1164/ajrccm-conference.2022.205.1
22. Le Roux, et al: Clinical Nuclear Medicine, 27 Oct 2022; doi: 10.1097/RLU.0000000000004426

Beyond Pulmonary Embolism CYC Initiatives

7 Cyclopharm sponsored Beyond PE clinical trials – US approval expected to drive clinician led studies

1

Hunter Medical Research Institute (Newcastle, AU): Diagnosis and response to therapy in severe asthma and COPD¹
100 Patient Study * 100% Recruited * **Study Published**⁶,

2

Woolcock Institute (Sydney, AU): Diagnosis and response therapy in mild to moderate COPD³
44 Patient* 100% Completed

3

CHUM (Montreal, CA): Early detection of COPD in asymptomatic smokers⁴
30 Patient Study * 100% Recruited * Analysis complete * Paper submitted for publication

4

Dalhousie (Halifax, CA): Post-lung transplant patients
30 Patient Study * 30% Recruited

5

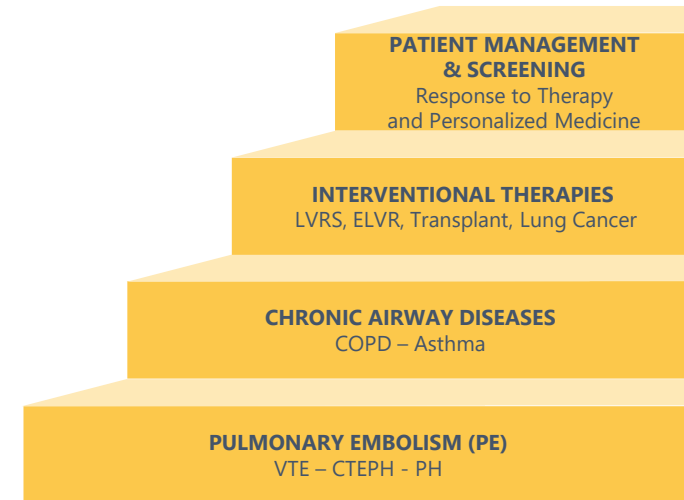
McMaster University Firestone Institute (Hamilton, CA): Ventilation in lung cancer patients pre and post lung resection²; 100% Recruited * **Study Published** bridging research initiatives with clinical applications using Technegas .

6

McMaster University Firestone Institute (Hamilton, CA): COVID-19 Related Lung Ventilation and Perfusion Injury⁵
100% Recruited * Abstract presented at the American Thoracic Society May 2023 with paper to follow.

7

PRONOSPECT (France): 665 Patient multicentre trial designed to Predict the Risk of Venous Thromboembolism (VTE) Recurrence in Patients With Pulmonary Embolism (PE). Patients will be imaged with nuclear medicine regardless if initially diagnosed with CTPA or nuclear medicine⁸. Recruitment commenced.



1. ACTRN12617001275358 - Can functional lung ventilation imaging identify treatable traits in obstructive airway disease?
2. <https://clinicaltrials.gov/ct2/show/NCT04191174?term=technegas&draw=2&rank=3>
3. http://investor.cyclopharm.com/site/PDF/1561_0/BetterDefiningAirwaysDiseaseWithTechnegas
4. <https://ichgcp.net/clinical-trials-registry/NCT03728712>

5. <https://clinicaltrials.gov/ct2/show/NCT04549636>
6. <https://pubmed.ncbi.nlm.nih.gov/38151119/>
7. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10206636/>
8. <https://classic.clinicaltrials.gov/ct2/show/NCT06372730>

“Ventilation Heterogeneity Is a Treatable Trait in Severe Asthma¹”

1. Gibson PG, et al. Ventilation Heterogeneity Is a Treatable Trait in Severe Asthma. J Allergy Clin Immunol Pract. 2024 Apr;12(4):929-935.e4. doi: 10.1016/j.jaip.2023.12.030. Epub 2023 Dec 25. PMID: 38151119
2. <https://www.newcastle.edu.au/newsroom/featured/new-use-for-a-lung-scanning-test-to-benefit-severe-asthma-patients>



“Because of its sensitivity in the ‘silent zone’ of the lung – the notoriously difficult to see small airways that are 2mm – 4mm in diameter – **this test helps us see if the drugs we are giving patients for severe asthma are working.**”

“There are four different types of drugs given to severe asthma sufferers so this will help **ensure patients are being prescribed the correct drug.**”

The (Technegas) imaging procedure is “safe, fast and cost-effective way of ensuring **personalised treatments** were working.”

“Previously, we have had to rely on symptoms surveys from patients. This test provides very accurate, **objective and detailed information** to support patient accounts of their symptoms.”

Professor Peter Gibson²

Technegas - Applications in Patient Management and Response to Therapy

Cyclopharm Investment Case



CYCLOPHARM INVESTMENT CASE

Outlook - By Dec 2025

300 Technegas Installations in the USA generating additional ongoing revenues



Profitable and Growing MedTech

Underlying business (ex-USA) is cash positive



First in Class

Established Gold Standard
Proprietary product sales to 66 countries with over 4.9 million patient procedures to date
Clinical Agent of Choice referenced by name in multiple clinical guidelines



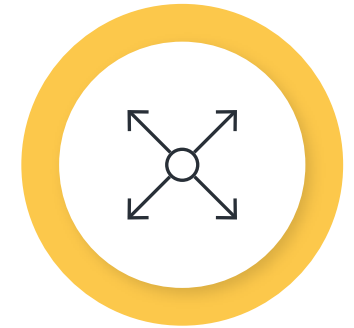
USFDA Approval Granted

Set to quadruple the size of the existing PE business, based on significant existing demand
Further leverage penetration into the CTPA market
Full Reimbursement Granted from 1 July 2024



Recurring Revenue

From single patient consumables
Similar to an annuity model
Generating Recurring Revenues from USA installations



Technegas Product expansion

Indications Beyond PE into chronic respiratory disease management in large uses such as asthma, COPD and lung cancer could deliver exponential growth
Market Development already underway



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Questions

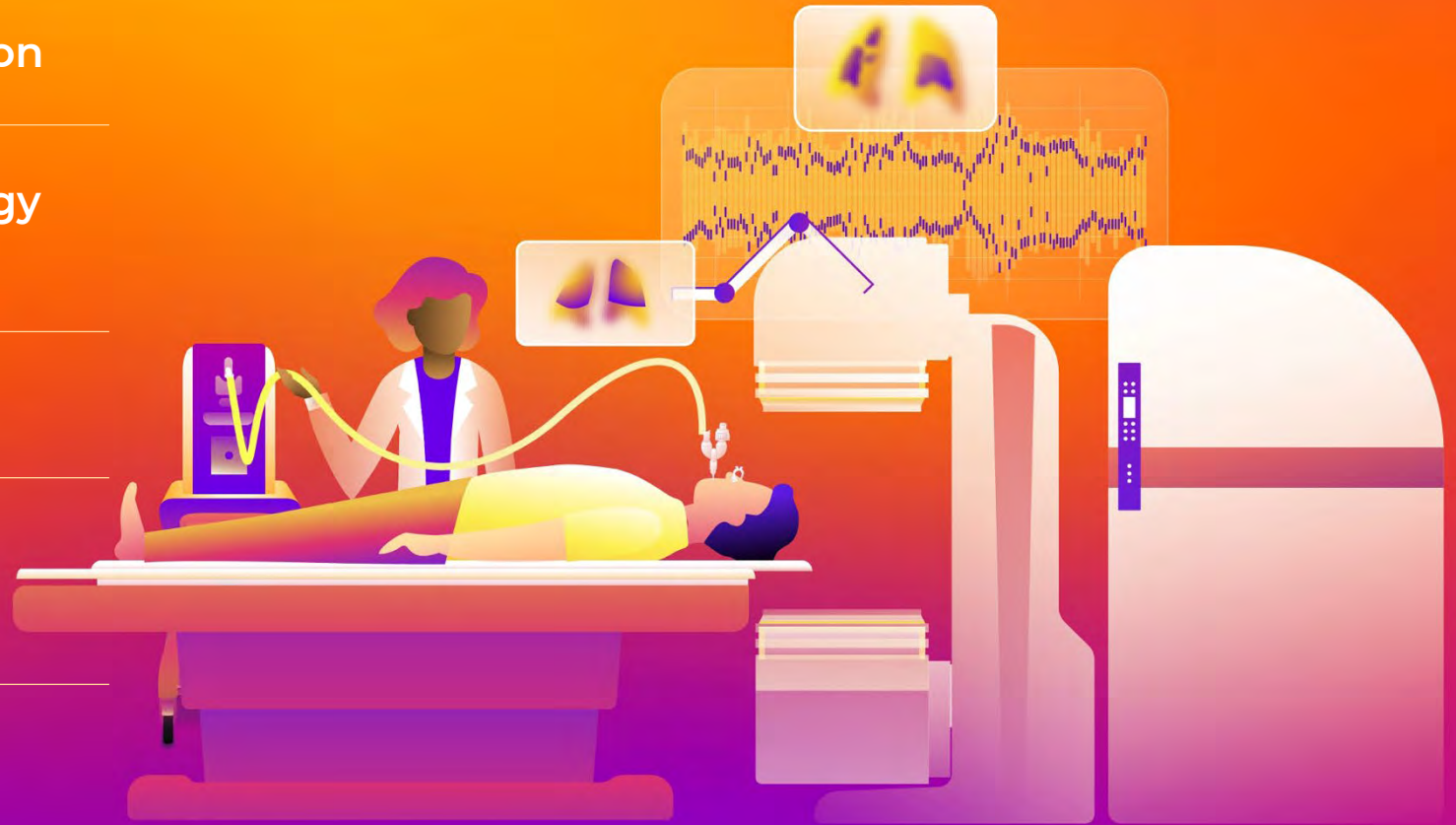




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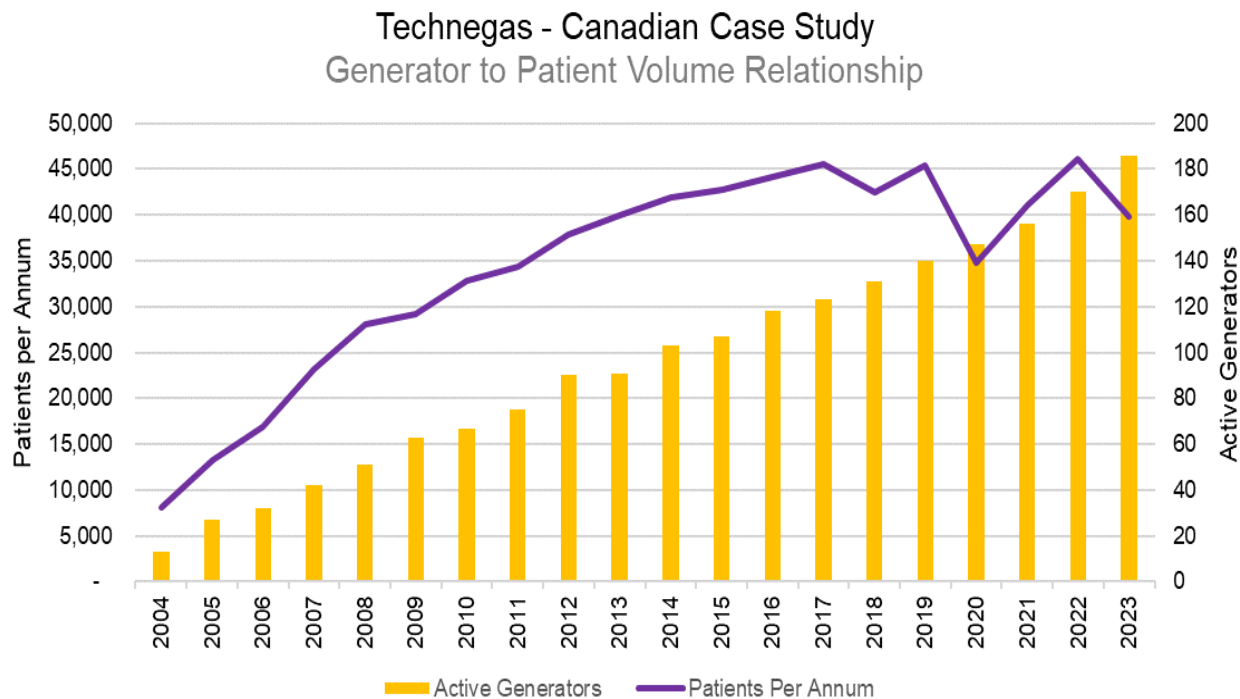
Presentation Attachments

- 01 Canadian Case Study
- 02 Competitive Product Comparison
- 03 Competitive Imaging Technology Comparison
- 04 Technegas in Recent Literature
- 05 Third Party Business Products
- 06 2024 First Half Financials



Track Record - Rapid adoption of Technegas®

The Canadian Case Study - a strong indicator of USA acceptance



- 1 Canada is Cyclopharm's largest single country market to date
- 2 Technegas® is market leader for diagnosing PE and is nearing 100% nuclear medicine market share
- 3 Xe-133 rapidly displaced by early adopters
- 4 Close correlation with the number of active generators and annual consumable sales
- 5 Market launch initiated province by province, leveraging off pilot sites
- 6 Patient volumes continue to recover post COVID (to include temporary gains in 2022 from the global CT contrast media shortage) with further conversion of additional lower volume sites in 2023

Nuclear Ventilation Imaging Agent Comparison

Technegas®



Easy



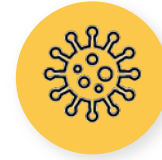
3 to 4 breaths



3D images



No contraindications



Covid-19

Xenon - 133



True radioactive gas inhaled with **full face mask**



No 3D images limited to planar imaging resulting in lower sensitivity & specificity



Constant inhale-exhale breathing for 15 mins increasing the risk of **COVID-19 exposure**



Requires special rooms to contain radioactive gas in the event of a release

DTPA Tc99m



Wet Aerosol

impacts efficacy, bronchospasm, COVID-19 concerns



Creates hotspots

in presence of small airways lung diseases, a frequent comorbidity in PE, & impacts clinical interpretations

Diagnosing Pulmonary Embolism with V/Q SPECT vs CTPA

Technegas is the “V” in “V/Q”

V/Q COMPARED TO CTPA:



Primary imaging procedure

when PE is suspected¹

Excellent diagnostic performance²

Sensitivity 93.0%
Specificity 93.3%
NPV 96.1%

Detects PE
at subsegmental level³

Minimally invasive

Aids patient comfort and compliance⁴, even in COPD patients⁵

Less radiation burden

V/Q SPECT delivers 27 times less radiation to the breast as compared to CTPA⁶

Minimal exclusion criteria

V/Q SPECT can be performed in case of pregnancy⁶⁻⁷, renal impairment⁸, contrast media allergy⁸ and diabetes³

Higher clinical sensitivity

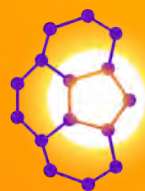
V/Q SPECT has a higher sensitivity to diagnose PE compared to CTPA (93% vs 82% respectively)².

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Third-Party Products Overview

Attachment Section 5-

ASPIRE. INSPIRE. ILLUMINATE.

Overview of Third-Party Products

Leveraging our Sales, Service & Regulatory Footprint in our Direct Markets

Third-Party Products comprise the following components

Consumables and Radiopharmaceuticals



Equipment Sales

Hotcells for Radiopharmaceutical Manufacturing



Pharmaceutical Delivery systems



Patient Injectors



Radiation Monitors



SUPPORT

Training



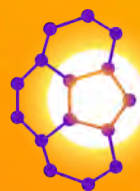
Engineering Support & Service



Regulatory Registration



- Direct sales and Service in 17 out of 66 approved markets
- Equipment sales – tender / project driven (non-linear)
- Razor - Razorblade Model business model with consumables linked to equipment sales
- Pharmaceutical wholesale licenses required



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2024 First Half Financial Results

Attachment Section 6 –

ASPIRE. INSPIRE. ILLUMINATE.



H1 2024 Financial Overview

Sales Revenue	\$12.27m - (pcp \$14.91m)
<ul style="list-style-type: none">• Technegas• Third Party Distribution	Sales consistent at \$7.46m – expected result excluding one-off gains pcp \$4.81m of third-party distribution revenue, a decrease of (33.8%) Consumable and Service Revenue up 4% pcp
1H 2024 pcp Significant items	<ol style="list-style-type: none">1. 2022 Technegas Order fulfilled in Jan 2023 = \$0.31m2. 1H 2023 Equipment Project = \$3.1m3. Litigation Outcome gain = \$0.57m
Net Loss After Tax	\$7.51m loss – (pcp \$2.90m loss)
Balance Sheet	\$27.56m of cash reserves as @ 30 June 2024

H1 2024 Trading Overview and Underlying Business

An established global nuclear medicine company

Cyclopharm H1 2024 Trading Highlights

Technegas	Sales consistent at \$7.46m compared to pcp
Third Party Distribution	\$4.81m of third-party distribution revenue, impacted by timing of equipment sales
Regulatory Renewals	All regulatory renewals in existing 66 country markets maintained
Indication Expansion	Continued progress in developing 'Beyond PE' clinical applications providing significant, long-term growth opportunities for Technegas
CMS	USA Reimbursement received

Half Year Sales Trending by Product Group

