



Investor Presentation

5 April 2022 [ASX:RHY](#)

*A transformative and predictive
cancer diagnostics technology company*

rhythmbio.com

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Introduction



Rhythm's initial product, ColoSTAT® is a **simple, low-cost** blood test for the early detection of colorectal cancer for **global mass-market** screening.

IP protection **secured** in all major international jurisdictions.

Commenced **platform technology** program for multiple / pan cancer targets.

ColoSTAT® Highlights



Disruptive and transformative technology

Significantly cheaper and easier to administer

Globally addressable markets

Performance better than market standard

Manufacturing & Patents secured

Initial revenues targeted for 2022



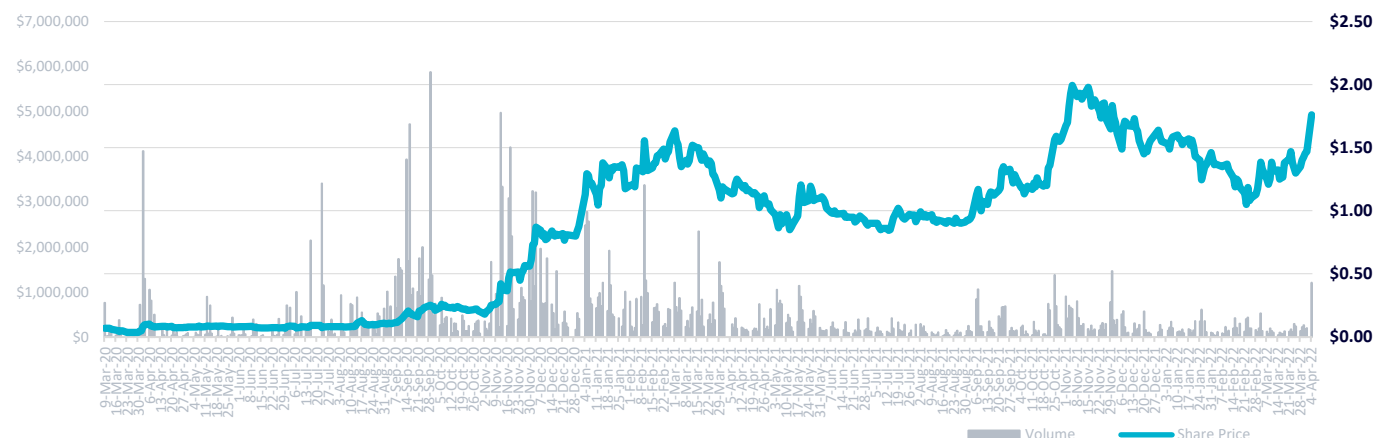
Company Overview



Capital Structure

ASX Code	RHY
Share Price (at 4 April 2022)	\$1.76
Shares on Issue	214.1 M
Unlisted Options	16.8 M
Market Capitalisation	\$376.8 M
Cash in bank (28 February 2022)	\$10.8M
Top 20 Shareholders	46%

Share Price Chart



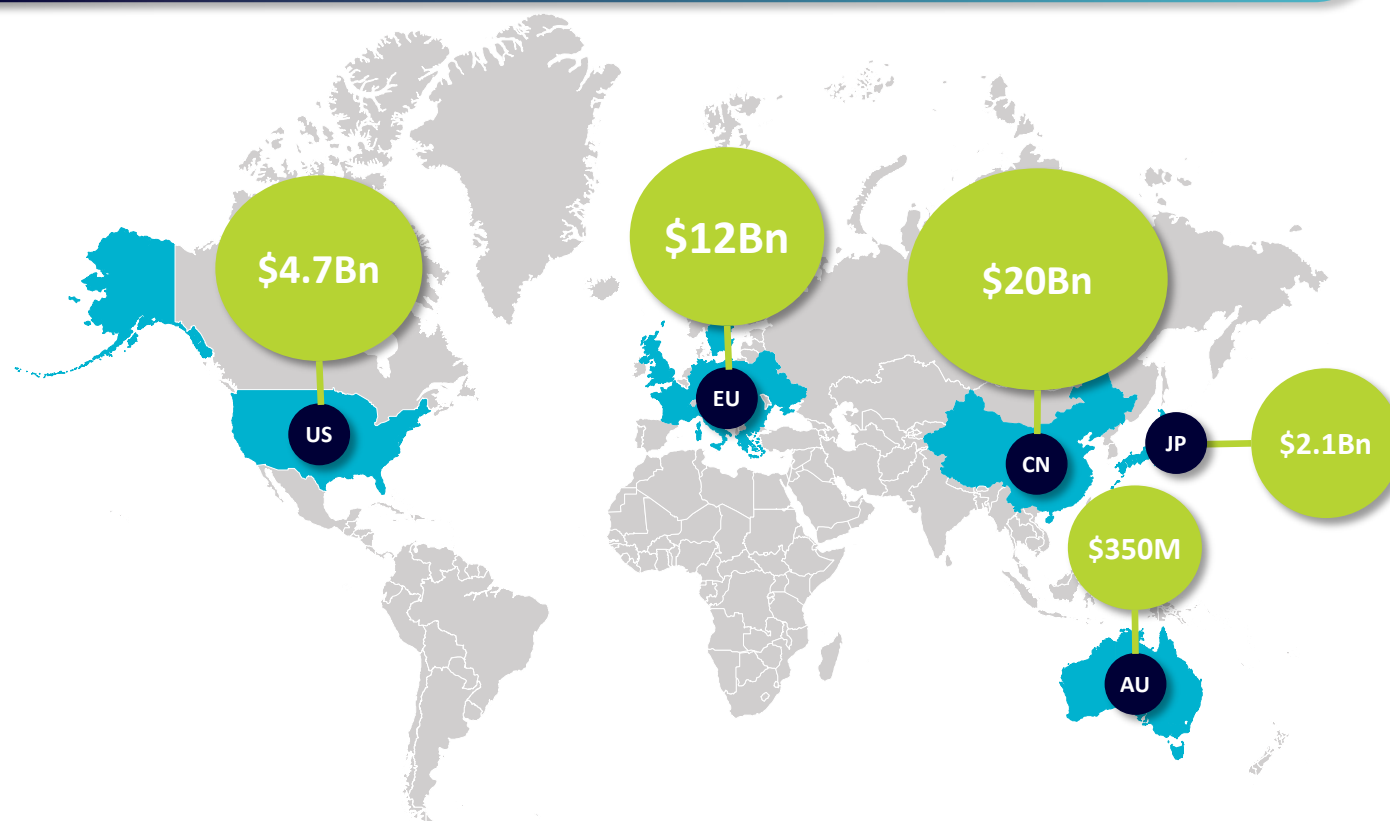
Board and Management

Otto Buttula	Glenn Gilbert	Trevor Lockett	Lou Panaccio	Eduardo Vom	Rachel David
Chairman	CEO & Managing Director	Executive-Director	Non-Executive Director	Non-Executive Director	Non-Executive Director
<ul style="list-style-type: none"> Extensive financial, investment and biotech experience. Co-Founder and CEO of IWL (ASX: IWL); Founder / former CEO of Investors Mutual. Formerly a Director of Imugene (ASX: IMU) and Chairman of Investorfirst, now HUB (ASX: HUB). Chairman of HITIQ (ASX: HIQ), Non-Executive Director of Oncosil Medical (ASX: OSL). 	<ul style="list-style-type: none"> Former Head of Global Sales, Marketing and BD at Medical Developments Int. (ASX: MVP). Various leadership positions at CSL (ASX: CSL). Strong Legal, IP & Operational management. Broad international business experience. 	<ul style="list-style-type: none"> Former Theme Leader Colorectal Cancer and Gut Health CSIRO. Leader – Personalised Health Group CSIRO. Inventor on seven commercially-licensed patent families. 	<ul style="list-style-type: none"> Chairman Avita Medical (ASX: AVH). Director Sonic Healthcare (ASX: SHL). Chairman NeuralDX. Non-executive Director, Adherium (ASX: ADR). Non-executive Director Unison Housing. Former CEO Melb Pathology & Monash IVF. 	<ul style="list-style-type: none"> Co-Founder & Executive Director Planet Innovation. Director Atmo Biosciences. Former VP Innovation, Genetic Technologies. Various senior leadership positions Vision BioSystems. 	<ul style="list-style-type: none"> Currently the Chief Executive Officer (CEO) of Private Healthcare Australia (PHA). Senior Director Government Affairs, Policy and Market Access for Johnson & Johnson. Various senior roles with McKinsey, CSL and Pfizer (formally Wyeth).

Market Opportunity / Addressable Market



US\$38 billion addressable screening value in priority markets¹



Colorectal Cancer Screening Market Population

Number of people over 50 years of age eligible for screening

Country	Screening participation	Addressable population
United States	63%	94 million
Europe	38%	231 million
China	19%	397 million
Japan	38%	42 million
Australia	41%	7 million
Total		771 million people

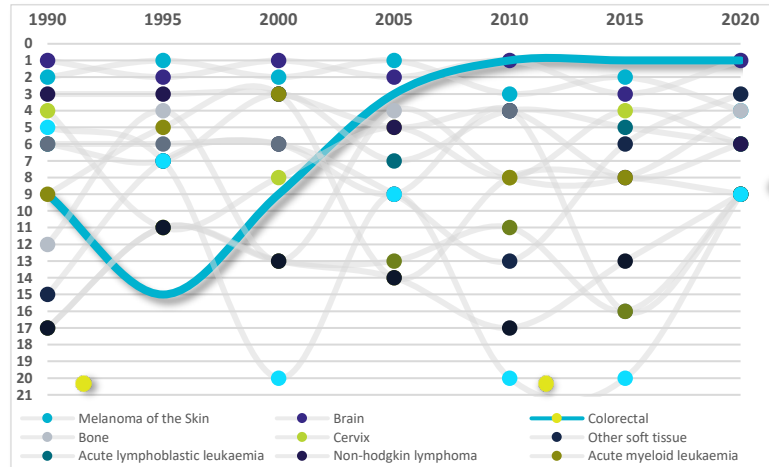
Potential to reach ~1 billion people
when the screening age is lowered to 45 years old

¹ Based on 2021 data calculated as Eligible Screening Population (771 million) x Example Test Cost (US\$50). RHY revenue may vary.

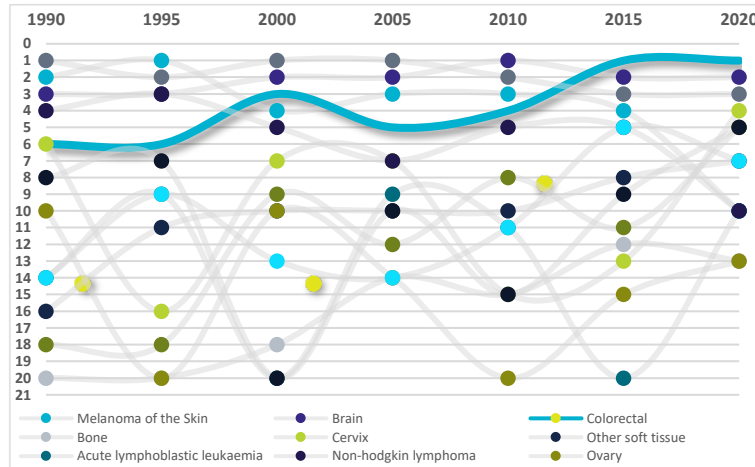
Australia – Growth of CRC in younger age groups



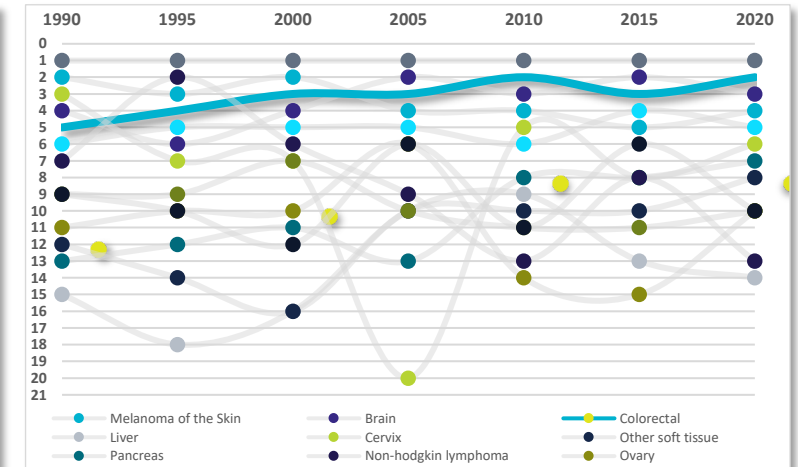
25 – 29 years old



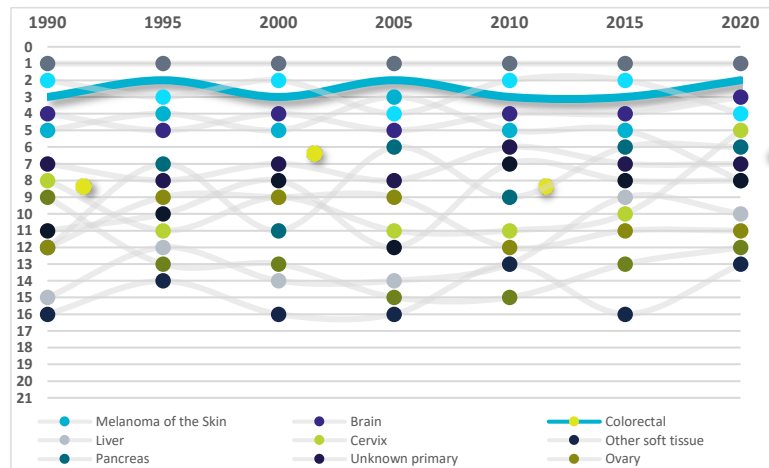
30 – 34 years old



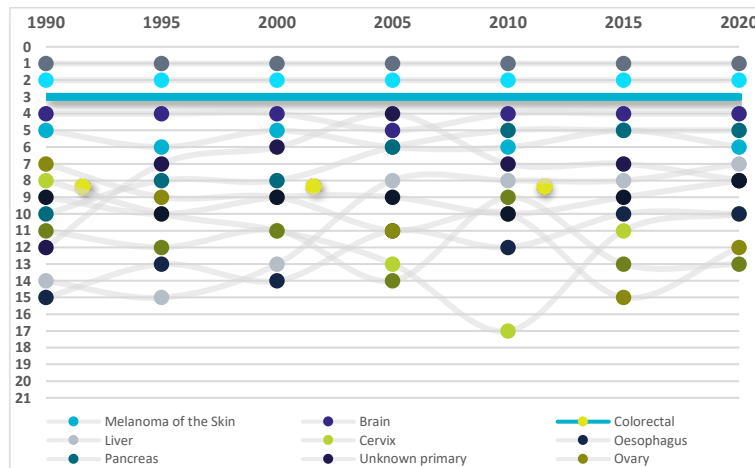
35 – 39 years old



40 – 44 years old



45 – 49 years old



Colorectal Cancer is the #1 cause of death in 25-34 year olds.

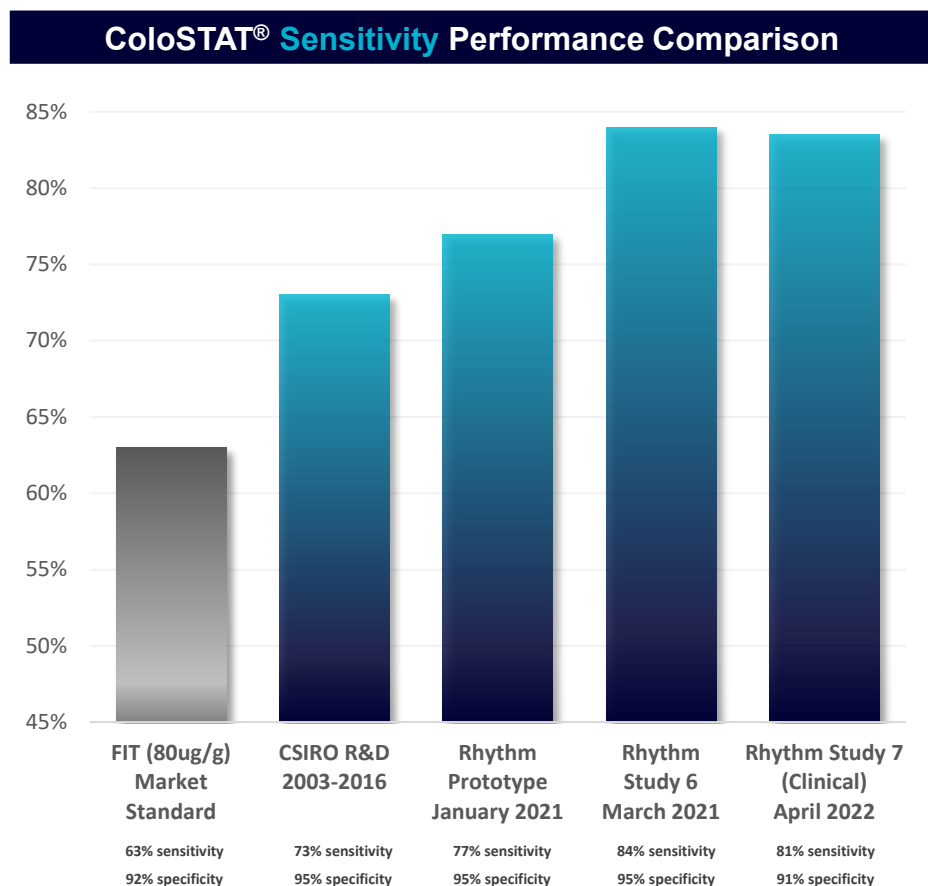
Top 2 cause of cancer related deaths below the age of 50.

Source: Australian Institute of Health and Welfare (AIHW). Cancer data in Australia - Cancer rankings data visualisation. <https://www.aihw.gov.au/reports/cancer/cancer-data-in-australia/contents/cancer-rankings-data-visualisation> rhythmbio.com

ColoSTAT® Performance



“83% of unscreened participants prefer a blood test over a faecal test”¹



- **Highly accurate**
ColoSTAT® was shown to be **35% more accurate** at detecting colorectal cancer than the current market standard Faecal Immunochemical Test (FIT).²

ColoSTAT® was shown to be **more accurate** at detecting advanced adenomas than the current market standard Faecal Immunochemical Test (FIT).²
- **Low Cost and Simple**
Protein biomarker led delivers a cost-efficient simple blood test that is suited to global mass market screening programs.
- **Detects Cancer**
Disruptive technology that detects the presence of cancer in the blood whereas current FIT based testing regimes only detects the presence of blood in a stool sample.
- **Preferred**
A blood test is preferred as a more acceptable way to participate in testing.

¹ 9. Osborne, J., Wilson, C., Moore, V., Gregory, T., Flight, I. and Young, G. (2012) Sample preference for colorectal cancer screening tests: Blood or stool?. Open Journal of Preventive Medicine, 2, 326-331. doi: 10.4236/ojpm.2012.23047.

² Internal company data for Study 7.

Clinical Trial (Study 7) – Performance In A Clinical Setting



PRIMARY ENDPOINT SUCCESSFULLY ACHIEVED:

- Performance of ColoSTAT® for detection of CRC relative to colonoscopy (**Sensitivity** and **Specificity**).

Key Steps (not exhaustive list):

- ✓ Complete patient recruitment. **Done.**
- ✓ Database locked at trial sites. **Done.**
- ✓ Testing of blood samples at Sonic Clinical Trials. **Done.**
- ✓ Statistical analysis of results. **Done.**
- Close final clinical trial site. **Underway.**
- Final clinical study report completion. **Underway.**
- Collation of data and study results / report in ColoSTAT® technical file. **Underway.**
- Submit technical file and other associated documentation to Therapeutic Goods Administration (TGA). **On track for 1HCY'22.**

ColoSTAT® Clinical Trial confirmed:

- ✓ Performance translates to a clinical setting.
- ✓ Performance successfully met primary endpoint.
- ✓ Performance successfully met secondary endpoints.
- ✓ Supports TGA regulatory submission.

TGA submission process requires two key filings:

- Manufacturers Evidence documentation. **Submitted and accepted**; and
- Application for an Australian Register of Therapeutic Goods (ARTG) listing. **Underway.**

Platform Technology Expansion



- The expansion program is expected to be significantly shortened, leveraging the Company's lead biomarker which exhibits **pan-cancerous** properties;
- A platform expansion program identified a number of additional cancer target markets that have formed a new Research and Development program designed to follow a similar development pathway to ColoSTAT®;
- The initial five additional cancers to be targeted include:
 - ✓ Breast;
 - ✓ Cervical;
 - ✓ Lung;
 - ✓ Gastric; and
 - ✓ Pancreatic.
- Expedited program commenced, significant upside potential.

Future Catalysts



- ✓ Clinical Trial (Study 7) completion and clinical study report completion;
- ✓ Technical file complete for ARTG listing for TGA submission and approval;
- ✓ Identify and progress partnering / commercialisation deals (Domestic and International);
- ✓ International country submissions / registration updates;
- ✓ Advance platform technology expansion program (progress updates); and
- ✓ Target first revenues late CY'22.



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