



# Investor Presentation

5 April 2022 [ASX:RHY](#)

*A transformative and predictive  
cancer diagnostics technology company*

[rhythmbio.com](http://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



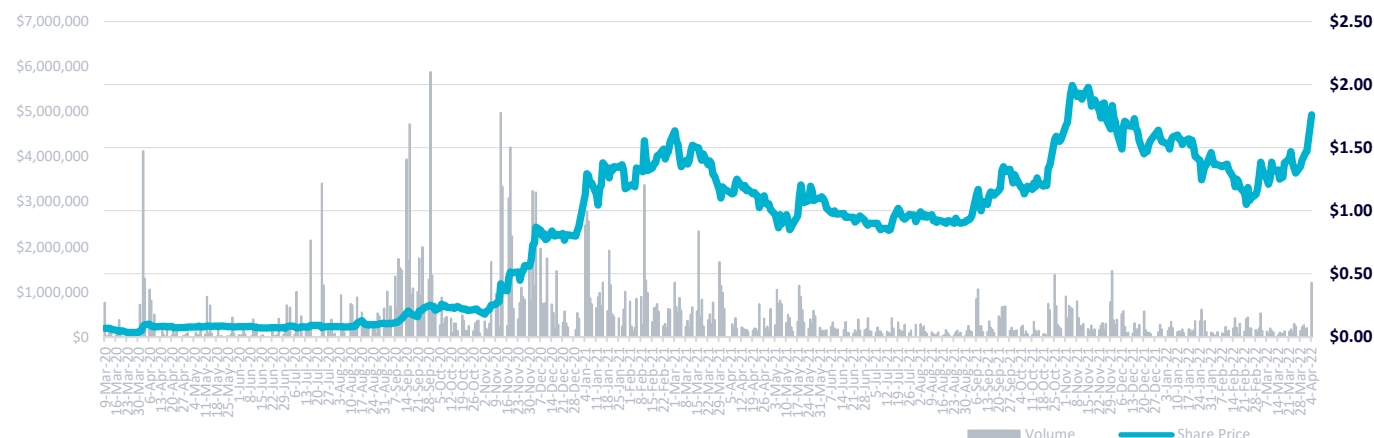
# Company Overview



## Capital Structure

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

## Share Price Chart



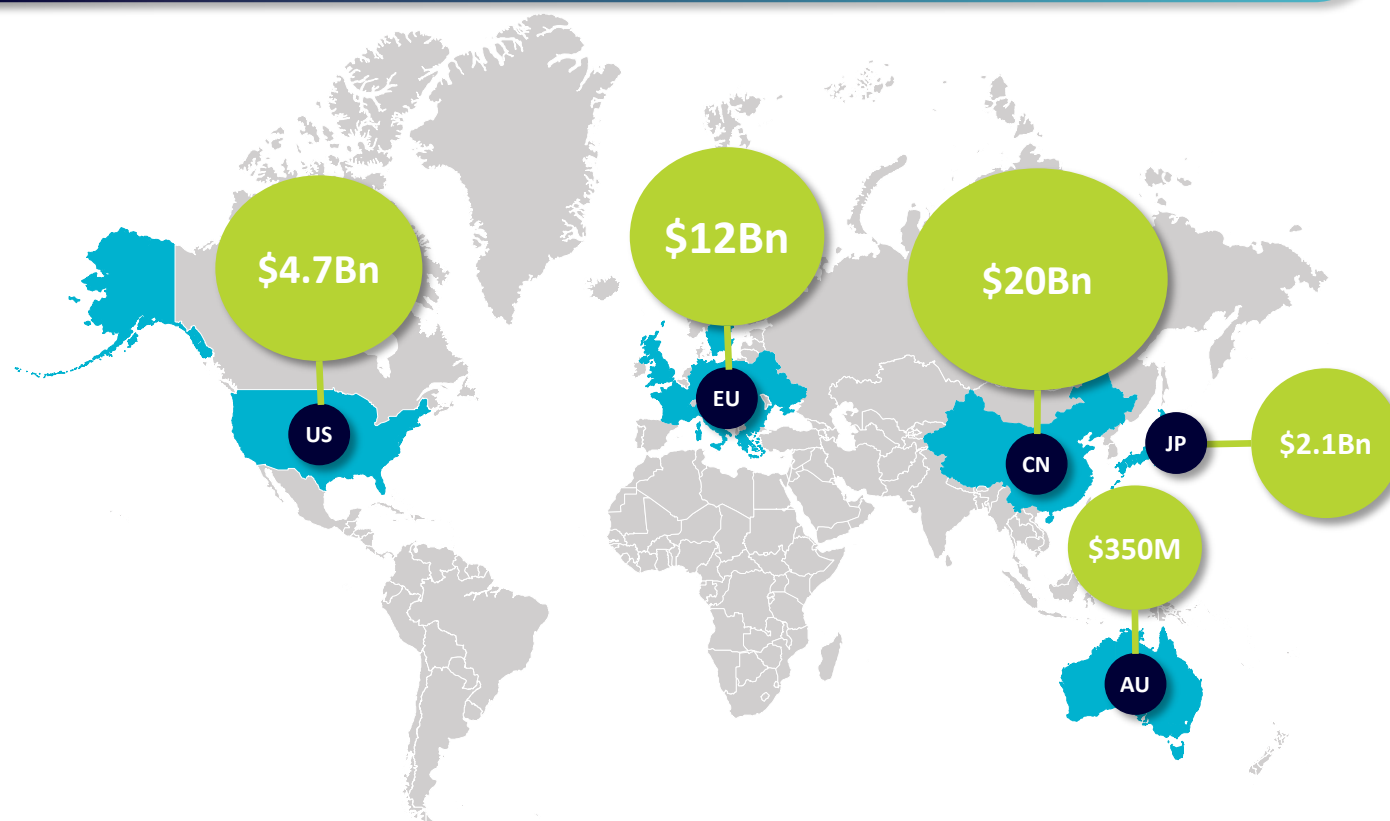
## Board and Management

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

# Market Opportunity / Addressable Market



US\$38 billion addressable screening value in priority markets<sup>1</sup>



## 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     |

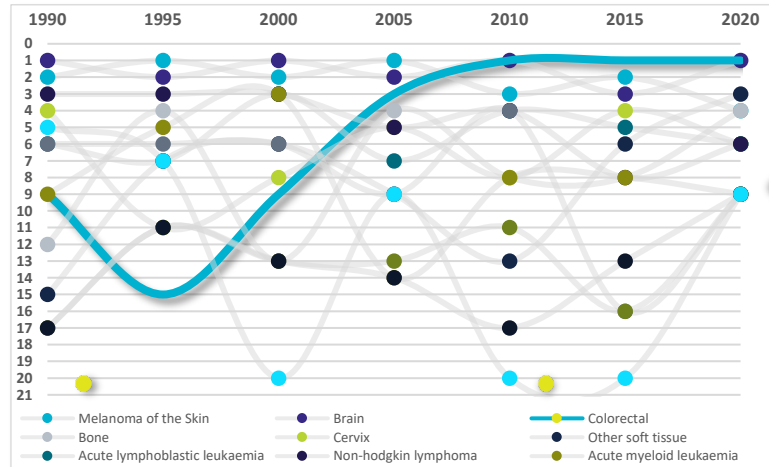
**Potential to reach ~1 billion people**  
when the screening age is lowered to 45 years old

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

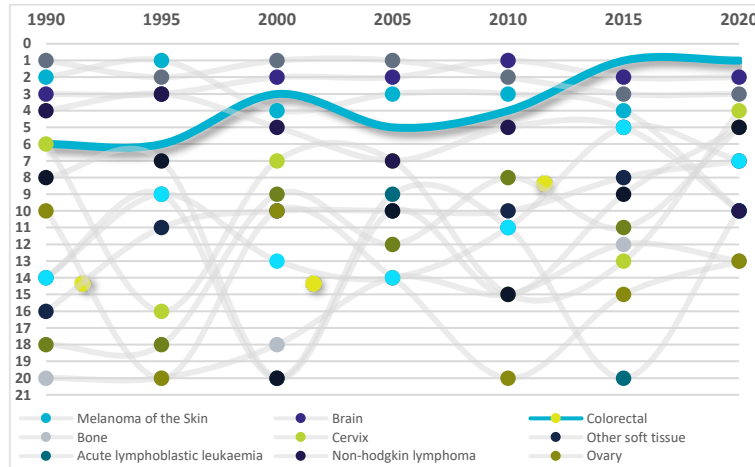
# Australia – Growth of CRC in younger age groups



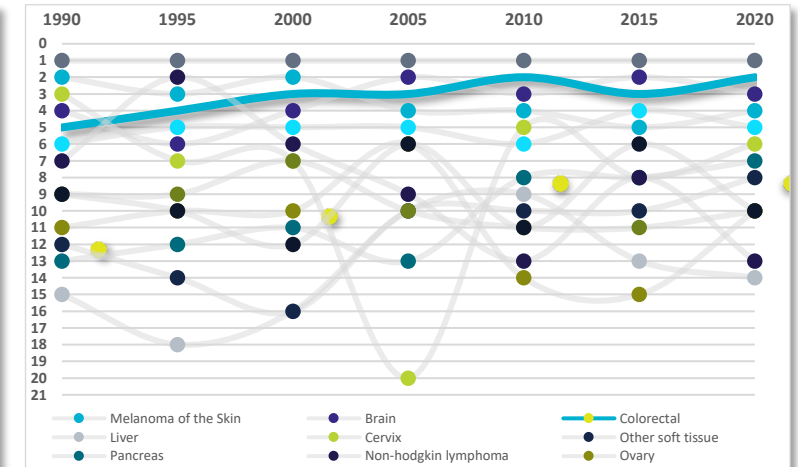
## 25 – 29 years old



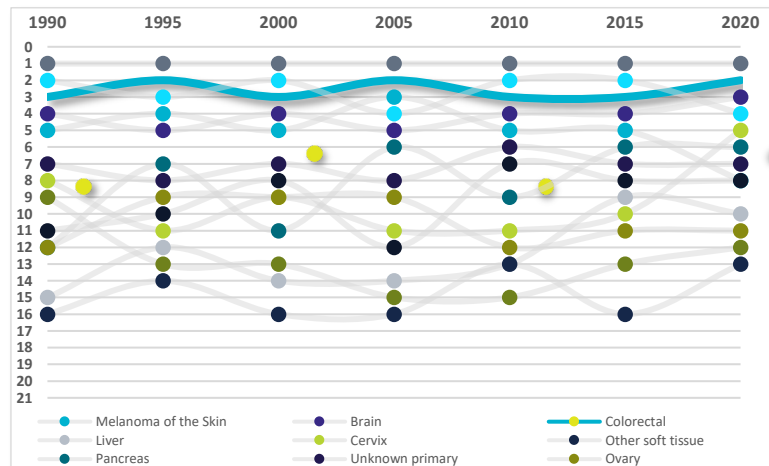
## 30 – 34 years old



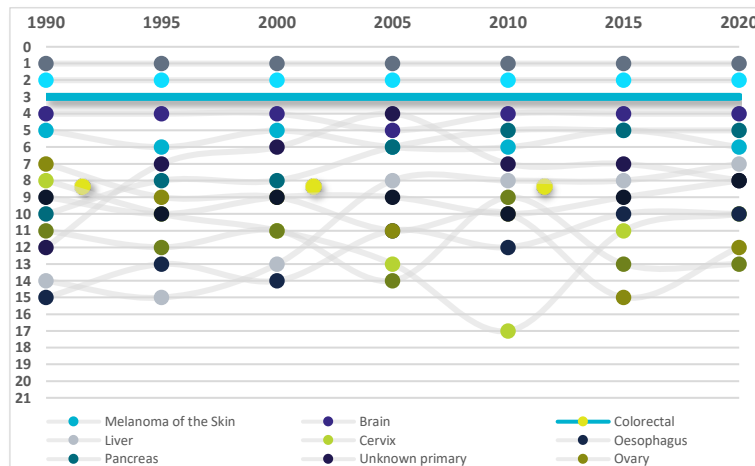
## 35 – 39 years old



## 40 – 44 years old



## 45 – 49 years old



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

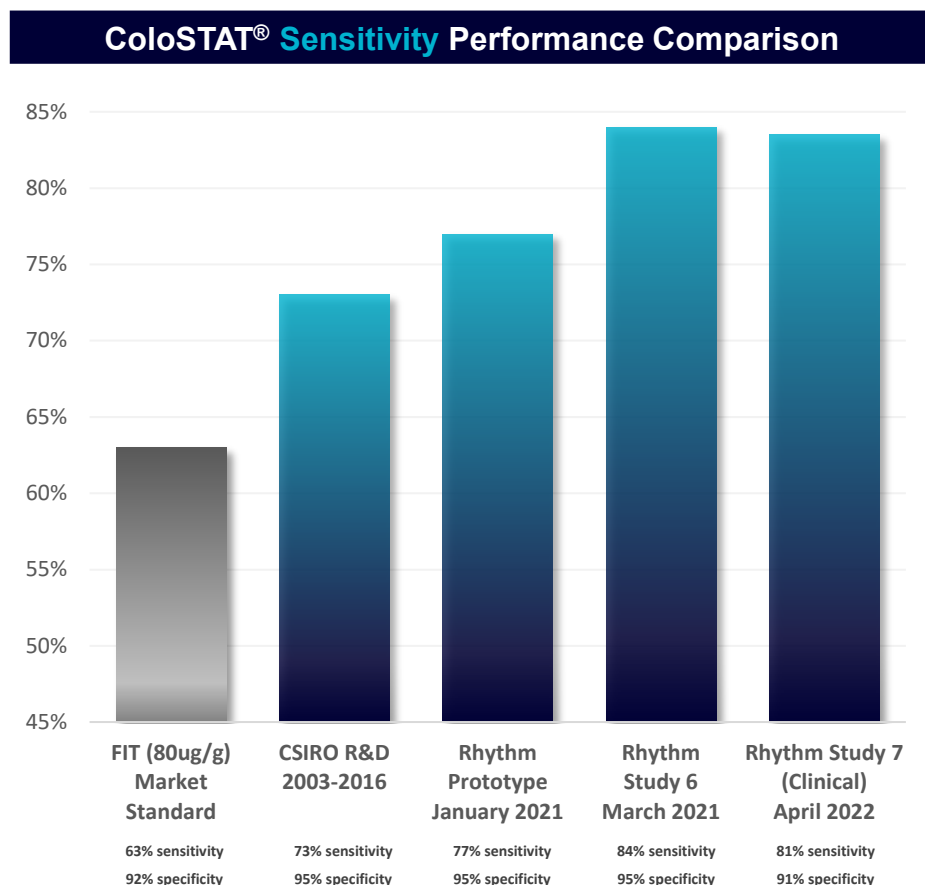
**Top 2 cause of cancer related deaths below the age of 50.**

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> **rhythmio.com**

# ColoSTAT® Performance



“83% of unscreened participants prefer a blood test over a faecal test”<sup>1</sup>



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

<sup>1</sup> 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.

<sup>2</sup> 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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