hydrix*

Realising our vision to

improve a billion lives

through disruptive medical devices



Hydrix

A diversified global medtech company

Our vision is to improve a billion lives

Our commercial model builds on a rich 20 year new product development history, to also now make Venture investments in medtech clients and bring to market disruptive cardiovascular devices.





Hydrix Ventures



Transform disruptive medical technologies into commercial products for global customers

Identify and make minority Venture investments where Hydrix is development partner

Merging cardiovascular technology innovation with Cardiac field expertise



A key focus is the large, addressable, cardiovascular diseases market

Hydrix commercial model

Three complementary value-creating segments

| 1. | Hydrix Services | Strong year-on-year growth, profitability ahead | FY22 revenue \$10.3m up 40% YoY, ~60 employees USA expansion - EVP business development appointed October (USA<10% FY22 revs) +\$60m sales pipeline, trend revenue growth outlook for FY23 is +20% Sales growth & improving gross margins returning segment to profitability in FY23 |
|----|-----------------------------|--|---|
| 2. | Hydrix Ventures | Major inflection points anticipated in CY23 | Minority interest in four venture investments in Hydrix Services clients Two have commenced sales (AngelMed, Memphasys) Two have products being developed by Hydrix Services (Gyder, Cyban) Book value \$3.65m on cash invested ~\$2.0m |
| 3. | Hydrix Medical | The GUARDIAN: US FDA approved, TGA pending | Two pre-revenue products under exclusive distribution rights (The GUARDIAN & Phyzhon FFR) The GUARDIAN heart attack alert device, @2%-5% capture est. revs \$25m-\$60m p.a. The Guardian progressing through regulatory reviews & clinical trials Leadership team +80 years cardiovascular technology & medical experience |
| | Hydrix Limited (ASX:HYD) | Capitalising on considerable opportunities created | Owns 100% of Services, Ventures and Medical Sum of the segments value potentially > market cap ~A\$14m Cash on hand 30/6/22 \$1.9m Current funding activities: Entitlement Offer (up to \$6m in progress), 12c Loyalty Options |

Hydrix Services

Product development from concept to market ready



Why companies choose Hydrix

- Experts in Safety Critical Systems i.e. technologies that if they malfunction people get seriously injured or die
- 20 years of medical device development +300 projects
- Highly specialised, multi-disciplined design & engineering capabilities
- Recognised leaders in Mechanical Circulatory Support innovation

Financial Snapshot

- FY22 revenues grew +40%, international revenues +50%, +40% cardiovascular
- Qualified sales pipeline +\$60m
- FY23 trend revenue +20%, primarily international
- Trend gross margins on direct labour costs +65%
- 60-person team, trend billable resource utilisation >55%, capacity to grow
- Improving sales and margins trending to FY23 profitability

Target market: \$2B outsourced medtech product development

Hydrix Ventures

Investing in breakthrough medtech product innovation



Manufacturer of The GUARDIAN, the world's only implantable continuous cardiac monitor with ACS detection technology.

Investment:

1m shares @US\$1.00/share, ~3% ownership, book value \$1.5m

Status: commenced sales

- FDA approved (June 2021)
- Commenced commercial sales 1/1/2022 under a USA Medicare TPT Code for US\$10,250 per device
- Sales growth & major funding inflection points in CY23

Market potential:

>USD \$2B p.a.

Gyder Surgical Limited



An intra-operative surgical navigation system to assist surgeons position implants with greater accuracy during total hip arthroplasty.

Investment:

Equity-in-kind for Services, ownership ~7.5% (milestone triggers), book value \$1.2m

Status: pre-revenue

- Hydrix developed product
- Clinical data being finalised for FDA & TGA submissions
- Target commercialisation CY23
- Sales growth & major funding inflection points in CY23

Market potential:

>USD \$40b p.a.

Cyban Limited

A non-invasive continuous tissue oxygen monitor measuring brain oxygen levels for patients in intensive care unit.

Investment:

\$0.5m invested, ~6.0% ownership, book value \$0.95m

Status: pre-revenue

- Completed \$5.25m fund raising CY2022
- Featured in The Australian 24/6/2022
- Hydrix developing1st generation product
- Target commercialisation CY24

Market potential:

• >USD \$1.7B addressable market



A novel technology for reproduction technologies, including IVF in humans and artificial insemination in animals.

Investment:

500,001 shares, book value ~\$20,000 plus 3,000,000 unlisted \$0.10c Options expiring Sept 2023

Status: (ASX: MEM) commenced sales

- Product placed in India and Australia for use in human IVF programs
- Expanding products & IP portfolio

Market potential:

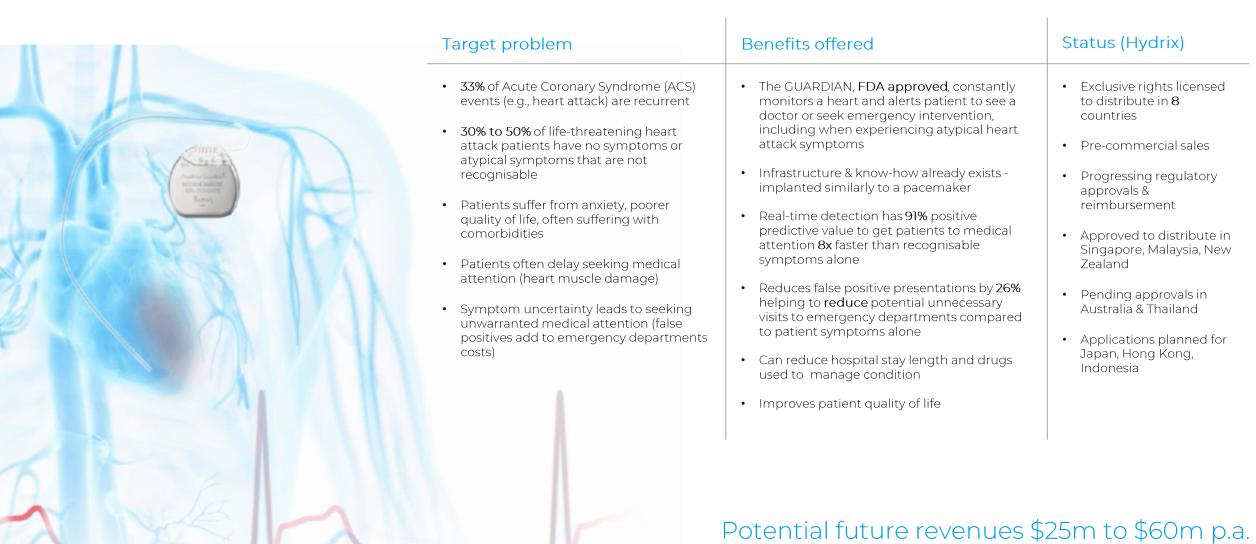
• IVF >USD \$26.4b in 2026

Major inflection points anticipated in CY23 Audited book value is \$3.65M (cash invested ~\$2M)

Hydrix Medical: The GUARDIAN

6 | Hydrix - Commercial in confidence

The world's first and only heart attack warning system



2%-5% ACS market capture, target A\$10,000/u, initial markets

Hydrix Medical: The GUARDIAN

Regulatory & insurance reimbursement market development

Hydrix is actively working on regulatory approvals and reimbursement processes across multiple jurisdictions, and other market development activities to commercialise The Guardian

| Country*/Agency | Appl. Date | Status | Notes |
|----------------------------------|-------------|---------------|--|
| USA / FDA | n/a | Approved | Distributed in the USA by Angel Medical Systems (owner of The Guardian) |
| Australia / TGA | 26 Jul 2021 | In progress | TGA submission July 2021. Pending approval, commence sales in public hospitals, advance MSAC application to obtain MBS Item code, pending MSAC outcome submit PLAC application |
| Singapore / HSA | 16 Aug 2021 | Approved | HSA submission November 2021. Granted approval August 2022. Patients can pay out of pocket for an implant. A TOSP application will be made for next listing in CY24 |
| Malaysia / Ministry of Health | 27 Dec 2021 | Approved | MOH submission October 21. Granted approval June 2022. Commenced discussions with 3rd parties to sub-license |
| Thailand / Thai FDA | 12 Oct 2021 | In progress | Thai FDA submission Nov 2021 |
| New Zealand / MMDSA ** | 11 Aug 202 | WAND notified | WAND notified August 2021. Developing go-to-market program |
| Hong Kong | - | Not started | Application to be developed in CY2023 |
| Japan | - | Not started | Application to be developed with Japan-based consultants in CY2023 |
| Indonesia | - | Not started | Application subject to 3 rd party sub-license appointment |

^{*}Hydrix has exclusive rights to distribute The Guardian in 8 APAC jurisdictions

^{**} Medicines and Medical Devices Safety Authority (MMDSA)

Hydrix Limited Potential news flow next 12 months

| Hydrix Services • Revenue growth & improving margins trending to profitability in FY23 | | | | |
|---|--|--|--|--|
| Hydrix Ventures | Ramp-up by Angel Medical sales in the USA of The GUARDIAN and major funding inflection points in CY23 Gyder Surgical submissions to FDA and TGA for regulatory approval and major funding to support commercialisation anticipated for CY2023 | | | |
| Hydrix Medical | Finalise Australia implant Registry & site initiation for The Guardian National cardiology group commence screening for suitable patients for first Australian implants under special access Supports commercial market development Pending: Australian regulatory approval (lodged 26 July 2021) Pending outcome, rights to market & distribute, initially to Public hospital patients or private patient payer Advance MSAC application for an MBS Item Code to reimburse surgical procedure Pending MSAC outcome, lodge PLAC application for Guardian device private insurance reimbursement Pending PLAC outcome, commence private insured patient implants Singapore regulatory approval received and announced August 2022 Commence sales & marketing campaigns to find suitable patients to implant on a 'patient-pay' basis Application will be made to include The Guardian on the Table of Surgical Procedures (TOSP) to reimburse patient (next TOSP listing is CY2024) | | | |
| | Malaysia regulatory approval received and announced June 2022 Commence discussions with potential sub-distribution partners | | | |
| | Pending production/shipment of trial Phyzhon Health FFR Wires & Catheter Lab consoles Commence Phyzhon FFR Wire first in human (FIH) trial in Melbourne | | | |

Hydrix Limited

Highly experienced and credentialled board



Mr Gavin Coote Executive Chairman

Gavin has extensive executive and board leadership experience, gained in the USA and Australia, working at companies with revenues of up to \$1 billion across diverse industries. It includes years with

PricewaterhouseCoopers, a decade in technology mergers & acquisitions, corporate development, and venture investing in the United States, and fifteen years in Australian-based SME private equity at Imperium Capital Group across healthcare, industrial and residential construction materials, leisure and hospitality, and sports and entertainment.



Mr Paul Wright Non-Executive Director

Paul has spent the last 18 vears as CEO of three of Australia's leading international technology and biomedical companies, specifically ASX listed Universal Biosensors (UBI), Invetech and Vision Biosystems. At Universal Biosensors, Paul built long term partnerships with global diagnostics leaders Siemens Healthcare and Johnson & Johnson and led the company through a period of strong growth and new product development. Other past roles included 8 years with Bain & Company, and GM Corporate Development at TNT Logistics.



Mr Paul Lewis Non-Executive Director

Paul started his career in technology leadership for companies including Mobil Oil Corporation, ICL and as Managing Partner for PA Consulting, Asia, Over the past 15+ years he has held a variety of Non-Executive Director and Advisory roles for companies including Volt Bank, Grassrootz, the Australian British Chamber of Commerce and Chair of ipSCAPE. Paul recently retired from the Board of the Magellan Financial Group after 15 years where he had served as Director from its inception.



Ms Julie King **Non-Executive Director**

Julie has more than 40 years' experience in commercial and property negotiations, corporate communications, people and change management. She has held senior roles in maritime. airline, banking and FMCG industries. Julie is also a Director of a number of privately-owned businesses and the King Family Foundation. Julie and her husband manage property and share market portfolio investments.



Ms Joanne Bryant Non-Executive Director

Joanne has more than 40 vears of experience as an occupational therapist. She also has extensive experience in forensic occupational therapy and vocational counselling and is an expert witness in various medicolegal matters within the multi-tiered Victorian court system. She has worked with numerous organisations in both the public and private sectors to enhance individual workplace performance. Joanne is actively involved in the not-for-profit sector and is a Board member of "Outside" the Locker Room".



Ms Alyn Tai Corporate Counsel

Alyn is a practising lawyer who specialises in the areas of corporate and commercial law, and the provision of company secretarial, corporate governance and legal counsel services to entities listed on the Australian Securities Exchange. Alyn holds a Bachelor of Laws from the University of Exeter, and was called to the Bar of England and Wales before being admitted to the Supreme Court of Victoria as an Australian lawver.

Hydrix Limited

Corporate snapshot

| Major Shareholders | Shares (m) | % |
|--|------------|------|
| John W. King Nominees | 27.3 | 11.8 |
| Paul Lewis (Invia Custodian) | 14.9 | 6.4 |
| Roger Allen & related entities | 10.4 | 4.5 |
| Pusen Medical Technology Australia Pty Ltd | 7.3 | 3.2 |
| Gavin Coote & related entities | 5.2 | 2.3 |
| National Nominees | 4.2 | 1.8 |
| Australian Philanthropic & Services Foundation | 3.9 | 1.7 |
| Top 20 | 102.6 | 44.4 |

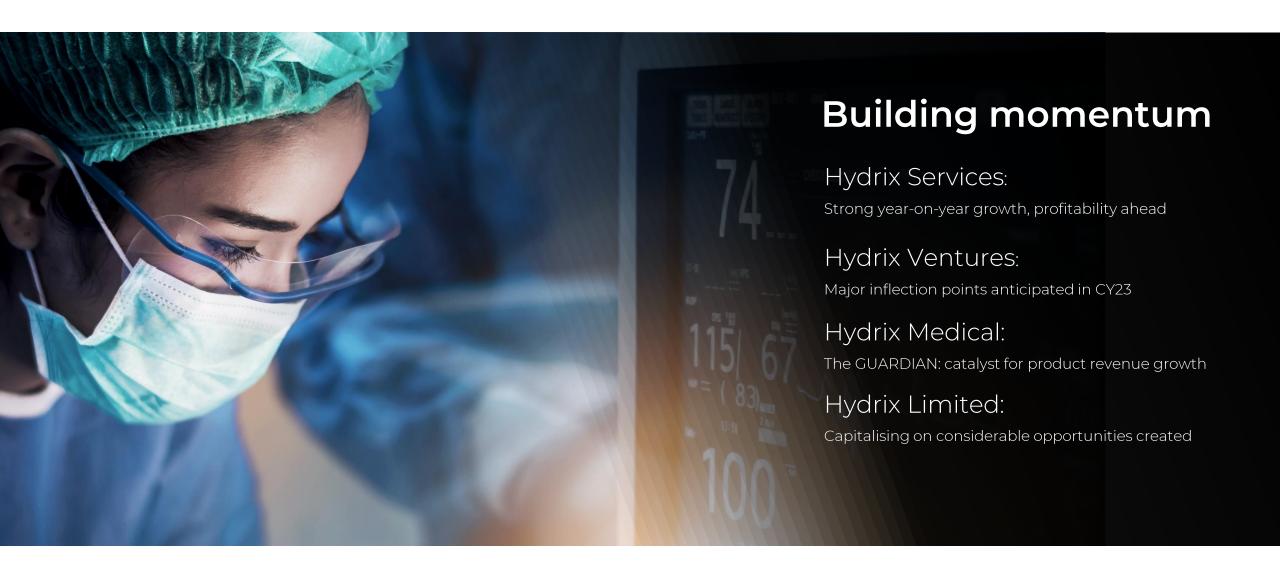
| Board | | Ownership % |
|---------------------|--|-------------|
| Gavin Coote (GAICD) | Executive Chairman | 2.3% |
| Paul Wright | Non-Executive Director | 1.0% |
| Julie King (GAICD) | Non-Executive Director | 11.8% |
| Paul Lewis (FAICD) | Non-Executive Director | 6.4% |
| Joanne Bryant | Non-Executive Director | 1.0% |
| Alyn Tai | Corporate Counsel and Company Secretar | У |

| Capital Structure | (as of 14 October 2022) |
|--|-------------------------|
| Ticker | HYD |
| Share Price | \$0.06 |
| Shares on Issue (m) | 231.0 |
| Options and Performance Rights (m) | 37.3 |
| Warrants* | 1 |
| Market Capitalisation (undiluted) (A\$m) | \$13.9m |
| | |

^{*}On issue to a previous lender, exercisable into 8 million shares.



Creating positive outcomes in global healthcare



Appendix

Hydrix Medical: The GUARDIAN

APAC region market potential

GUARDIAN® market penetration leverages >5-decades of pacemaker surgery know-how and existing catheter laboratory infrastructure

| Potential Market Size (illustration only) | | | Annual Sales Volume (units) | | Annual Sales Value (A\$) ² | |
|---|----------------|---------------------|-----------------------------|--------|---------------------------------------|---------|
| Region | Population (M) | ACS Incidences p.a. | 2.0% | 5.0% | 2.0% | 5.0% |
| Australia | 25.8 | 75,000 | 1,500 | 3,750 | \$15.0m | \$37.5m |
| Singapore | 5.7 | 30,000 | 600 | 1,500 | \$6.0m | \$15.0m |
| New Zealand | 5.1 | 18,000 | 360 | 900 | \$3.6m | \$9.0m |
| Direct to market | 36.6 | 123,000 | 2,460 | 6,150 | \$24.6m | \$61.5m |
| Malaysia | 32.7 | 85,000 | 1,700 | 4,250 | | |
| Japan | 125.8 | 289,000 | 5,780 | 14,450 | | |
| Hong Kong | 7.5 | 12,500 | 250 | 625 | | |
| Indirect to market | 166.0 | 386,500 | 7,730 | 19,325 | | |

ACS = Acute Coronary Syndrome - any condition brought on by a sudden reduction or blockage of blood flow to the heart. Capture rate estimates based on targeting 'high risk' patients with co-morbidities such as diabetes, renal insufficiency and obesity and prior ACS episode

^{2.} Sales value estimates for illustration only. Pricing subject to health scheme agreements for each jurisdiction. Sales price target is A\$10,000 per device direct to market in Australia, Singapore & New Zealand. Estimated gross profit margins ~40%. Sales are subject to regulatory approvals

^{3.} Pricing not yet set in markets anticipated to be entered via sub-distribution arrangements: Malaysia, Hong Kong, Japan. Thailand & Indonesia which are included under exclusive distribution rights

Hydrix Senior Leadership



Vickie Edwards Director Sales & Operations Hydrix Medical

Vickie has more than 25 years' of health technology industry expertise. She brings cardiothoracic clinical experience and a deep commercial capability and understanding of how to successfully bring new interventional cardiac devices to market. Her broad capabilities across sales, marketing, field operations, patient care and regulatory affairs further strengthen our senior leadership as we progress towards launch of a portfolio of cardiac products and technologies, initially in Asia-Pacific markets.



Paul Kelly General Manager Hydrix Medical

Paul has 35+ years of international medical device distribution and services leadership with companies including Getz, Medtronic, **Baxter Healthcare and** CardioScan. With an impressive track record in implantable and noninvasive cardiac devices (pacemakers, stents, heart valves) and patient monitoring, Paul is General Manager Hydrix Medical, and on the Medical Advisory Committee.



Robert Brierly Group Director Human Resources

A passionate, strategic thinking, people and culture leader and consultant, with a proven track record in handling complexity, adapting to rapid and ambiguous change and advising staff and leaders to achieve organisational capability and agility. Applying composure under pressure. leveraging analytics and data to create sustained culture change. Optimising best practice governance through proven robust policies and procedures, protecting brand and reputation through collaborative business partnerships.



Alan Morris Group Director Marketing

Alan has 30 years' experience in new product development consulting, with expertise in disruptive innovation, new and emerging technologies, and driving marketing strategies for the MedTech and biomedical consulting markets. His experience includes marketing and development roles for more than 20 years with Invetech, a global leader in IVD and Cell Therapy product innovation



Mark Langham Group Financial Controller

Mark is a versatile accounting executive with experience in multiple industry sectors gained through his work in public practice, SME private equity, and professional service firms over the past 15+ years'. Mark is a Registered Tax Agent and Financial Advisor, and a Member of the Institute of Chartered Accountants in Australia and New Zealand

Hydrix Senior Leadership Hydrix Services



Michael Trieu General Manager **Hydrix Services**

Michael is an R&D innovation leader with 20 years of hands-on system innovation, research, design, development and delivery experience in the field of military underwater sonar, active implantable medical devices, medical device infection control and medical device engineering consulting. He has held senior roles at both Cochlear and Nanosonics.



Peter Riddell Director Business Development Hydrix Services

Peter is an accomplished business development professional with experience growing international consultancy businesses. He has 30+ vears of experience in medical device. diagnostics and point-ofcare markets together with driving arowth across emerging markets including Cell Therapy Platforms. Peter's role at Hydrix is to drive strategy and direct the business development function, as they identify and pursue new market opportunities.



Graeme Robertson Project Management Office Director Hydrix Services

Graeme has been a consultant and Project Manager for over 20 years in the development of a broad range of medical, diagnostic and health care instruments, including the past three years devoted to MCS systems development. Graeme has also worked as a Digital Electronics Design Engineer and Project Manager in the design and manufacturing of Atomic Absorption, UV-Visible, and ICP spectrometers (Varian), and high-speed communication test equipment (Hewlett Packard).



Andrew Beal Engineering Manager Hvdrix Services

Andrew has more than 16 years experience in the development of complex electronic systems. His role today at Hydrix has him responsible for building and maintaining our world class engineering team of passionate professionals, delivering exceptional products for our clients. Andrew brings a unique insight to this critical people management role providing mentorship, training and career development opportunities. His project experience includes FDA Class II & III medical devices, rail. automotive and industrial products



Peter Lewis. AM **EVP Business** Development **Hydrix Services** Péter is an accomplished executive with 30 years' experience of international business development having lived and worked in markets across Asia, the USA, and Europe, During his career. Peter has had a variety of roles across R&D. finance, M&A, international trade and sales & marketing generating over \$1 billion in new business value in medical and advanced technologies.

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