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This presentation may contain budget information, forecasts & forward-looking statements in respect of which there is NO guarantee of future performance & which of themselves involve significant risks (both known & unknown). Actual results & future outcomes will in all likelihood differ from those outlined herein.

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All of such statements are subject to risks & uncertainties, many of which are difficult to predict & generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information & statements.

These risks & uncertainties include, but are not limited to:

- a. the possible delays in & the outcome of product development
- b. risks relating to possible partnering or other like arrangements
- c. the potential for delays in regulatory approvals
- d. the unknown uptake & market penetration of any potential commercial products &
- e. other risks & uncertainties related to the Company's prospects, assets products & business strategy. This is particularly the case with companies such as Adherium which operate in the field of developing & commercializing medical devices & related services. You are cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, & we do not undertake any obligation to revise & disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

References to patient number targets to achieve a cash flow positive financial position are aspirational in nature. Additionally, there are a number of factors, both specific to Adherium & of a general nature, which may affect the future performance of Adherium. There is no guarantee that Adherium will achieve its stated objectives/milestones, that any of its forecasts will be met or that forward-looking statements will be realised.







Advanced product portfolio

Global leader in the provision of integrated digital health solutions and connected respiratory medical device. 12 US FDA (510K)1 cleared inhalation sensors on market



Market size

Asthma costs the US healthcare system **US\$82B**² and COPD **US\$31.3 billion**³ per annum - with vast, measured improvements in patient exacerbations with the use of Adherium's technology.

- > Total 20-year direct costs associated with uncontrolled asthma are estimated to be US\$300B⁴
- > Projections of national medical costs attributable to COPD are reported to increase to **US\$60.5B**³ in 2029.



US Market Penetration

Focused plan to scale up manufacturing, and sales via established pharmaceutical and payor groups (hospitals, medical groups). Drug-agnostic sensors with broad coverage of top 20⁵ US inhaler brands.



Credentialed team

Operations team includes respected global leaders in the development and sales of respiratory health products, supported by a world-class Board of Directors.

- 2. Nurmagambetov, T. et al. The Economic Burden of Asthma in the United States, 2008–2013, Annals of the American Thoracic Society 2018 Mar 1, doi: 10.1513/AnnalsATS.201703-25900
- 3. Mannino, David M. et al. National and Local Direct Medical Cost Burden of COPD in the United States From 2016 to 2019 and Projections Through 2029. CHEST, Volume 0, Issue 0 In-press
- 4. Yaghoubi M, et al.. The Projected Economic and Health Burden of Uncontrolled Asthma in the United States. Am J Respir Crit Care Med. 2019 Nov 1;200(9):1102-1112. doi: 10.1164/rccm.201901-

Unmet Medical Need

Technology-led drug adherence, measured benefits in respiratory health outcomes





Unmet Medical Need

Asthma and Chronic Obstructive Pulmonary Disease (COPD) Patients*



Asthma \$82B1 cost on Healthcare system, COPD \$ 31.3B²



21M³ American adults have asthma and 4.8M4 children: (total 25.8M)



4.9M¹¹ asthma doctor visits/yr 15.4M9 COPD doctor visits/yr



939.000¹¹ asthma ER visits/yr 1.5M⁹ COPD FR visits/yr



94.560¹² asthma hospitalizations/yr **726.000**⁹ COPD hospitalizations/yr



Biologics **\$6.2 billion** in 2022 projected by 2031 to be **\$19.2** billion⁵



US Center for Disease Control: 10 people die of asthma each dav⁶ in the United States



COPD 3rd leading cause of death in the world, over 9,000 people die of COPD each day⁷



14.8M⁸ people diagnosed with COPD, another 12m undiagnosed



There is **no cure**¹⁰ for COPD or Asthma



- macroeconomic modelling study (the lancet com). Link
 8. 2015:Sara M. Mayet al. Burden of COPD. Link
 9. Mannino DM, Homa DM, Akinbami LJ, et al. Chronic obstructive pulmonary disease su



Unmet Need Factors contributing to suboptimal adherence in asthma and COPD



Medication

- > Complex regimen
- > Multiple inhalers
- > Inhaler technique
- > Efficacy/time to onset
- > Side effects (and fear of)
- > Cost



Unintentional

- > Age-related factors
- > Forgetfulness
- > Misunderstood directions
- > Comorbidities
- > Health literacy



Intentional

- > <u>Perception of</u> <u>treatment/illness</u>
- > Denial/anger about disease
- > Inappropriate expectations
- > Dissatisfaction with HCPs
- > Cultural/religious issues



Specifically, **high adherence ≥80%**to asthma controller therapy, significantly reduced risk of exacerbations, ER visits and hospitalizations, and positive impacts on asthma-related mortality^{2, 6, 7, 8, 9}



- l. Data from Global initiative for asthma, 2023. <u>Linl</u>
- 2. Makela et al 2013 Adherence to inhaled therapies, health outcomes and costs in patients with asthma and COPD. Link
- 4. McQuaid EL. Barriers to medication adherence in asthma: the importance of culture and context. Ann Allergy Asthma Immunol, 2018;121(1):37-42. Link
- 5. Bosnic-Anticevich S, et al. Inhaler technique mastery and maintenance in healthcare professionals trained on different devices. J Asthma. 100.
- George M, et al New Insignis to improve treatment admerance assuma and COPD. Patient Prefer Admerance. 2013 Unity 13(2):1032-1034. doi: 10.1024/7. Link
 Barries CB, Ulrik CS, Asthma and adherence to inhaled corticosteroids: current status and future perspectives. Respir Care. 2015 Mar;60(3):455-68. Link
- 7. Barnes CB, UITIK CS. ASTIMB and adherence to innaled corticosteroids: current status and tuture perspectives. Respir Care. 2015 Marjou[5]:455-68. <u>Link</u> 3. Ismaila A et al Impact of adherence to treatment with fluticasone propionate/salmeterol in asthma patients. Curr Med Res Opin, 2016. <u>1</u>113/07/11417-95. Link
- Ismaila A, et al. Impact of adherence to treatment with fluticasone propionate/sameterol in astrinar patients. Curr Med Nes Opin. 2014 Jul;50/(7):417-25. Link
 Makhinova T et al. Atthma Controller Medication Adherence Pick of Expectation and Use of Bescue Agents Among Texas Medicaid patients with Deresistent Asthma. 1 Manag Care Spec Pharm 2015 Dec;21(12):1124-32. Link
 Makhinova T et al. Atthma Controller Medication Adherence Pick of Expectation and Use of Rescue Agents Among Texas Medicaid patients with Deresistent Asthma. 1 Manag Care Spec Pharm 2015 Dec;21(12):1124-32. Link

Feb. 27, 2023 / Cleveland Clinic How smart inhaler technology can help people with asthma and COPD¹

In one of the first-of-its-kind outcome studies, Cleveland Clinic researchers found that the use of electronic inhaler monitoring, in combination with a disease management program, is associated with reduced healthcare utilization in patients with chronic obstructive pulmonary disease (COPD).

35% reduction in hospitalizations

Reduced hospitalizations (\$7,500/visit)²

726,000 COPD hospitalizations/yr³

to **\$5.4B**

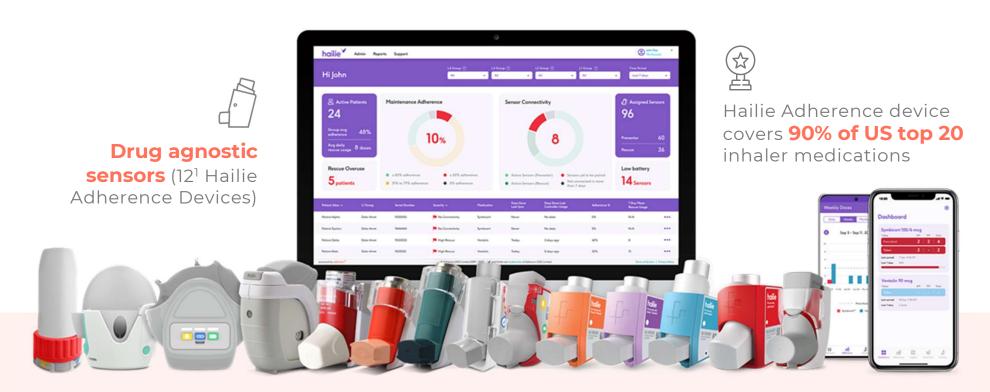
Potential savings of **\$1.9B**(35% reduction)

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How Smart Inhaler Technology Can Help People With Asthma and COPD. <u>Link</u>

Way SM, et al. Burden of chronic obstructive pulmonary disease: healthcare costs and beyond. Allergy Asthma Proc. 2015 Jan-Feb;36(1):4-10. doi: 10.2500/aap.2015.36.3812. PMID: 25562549.
 PMCID: PMCSF54331 Link



Solution Adherium's Digital Adherence Monitoring System (ADAMS)



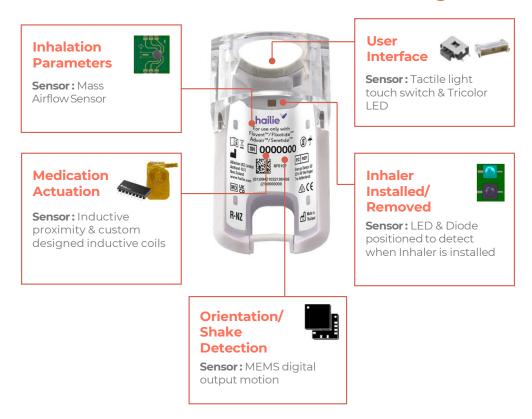
1. FDA 510(k) searchable database

What makes
us one of the leading
technically advanced
Digital Adherence
Monitoring Systems in
the world

Our Sensors



Hailie® Sensor includes the following



Along with Hailie® standard parameters including time/date stamp

Hailie® App









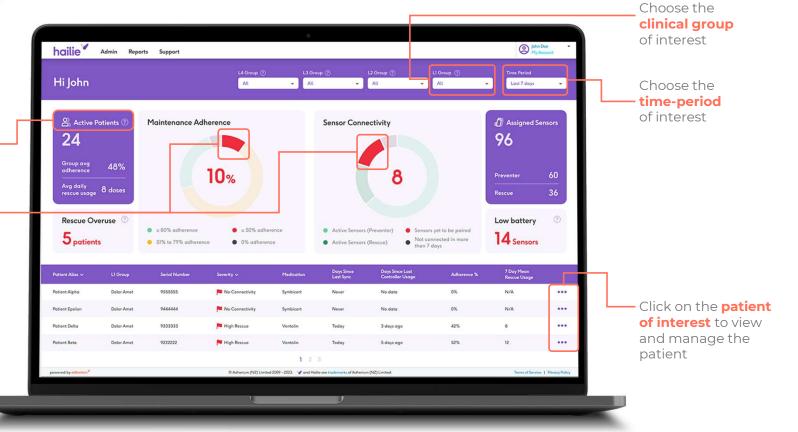


Hailie® Portal
Patient Triage
Dashboard

Click on the **info icons** for a description

Click on the **hotspots** to filter patients by medication use or sensor status

Automatically sorting of patients in terms of risk. Patients with high rescue use and low adherence feature first.

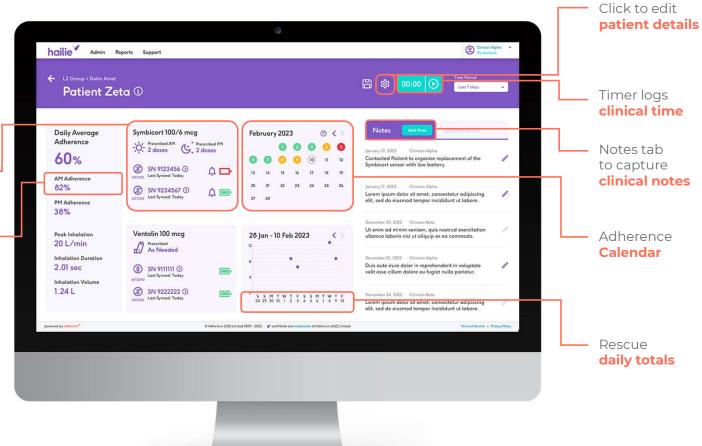




Hailie® Portal Patient Management Dashboard

Prescription and sensor status

Medication use and inhalation data





US Market Penetration Strategy

Experienced team, primed for growth







Targeted channels in stages Phase 1: Where we were



Clinical trials

- > Pharmaceutical industry
- > Clinical Research Organizations

Development of the adherence sensor systems for Pharmaceutical Company's Clinical Trials













Targeted channels in stages Phase 2: Where we are



Medical groups

- Allergy & Immunology Practices
- > Pulmonary Practices
- > Primary Care Practices



Hospital Systems

Large US hospital networks

- > Commercial
- > Not-for-profit
- > Government

Allergy Partners¹

ALLERGY PARTNERS

- > Largest US allergy & asthma practice based in North Carolina
- > Over 300,000 asthma patients across 140 sites in 20 states
- > First patients³ onboarded Sep'23
- > Hailie platform deployed to enable scaling

SENTA Partners²



- > Major premier medical asthma & allergy specialty practice based in Georgia
- >71 locations in 6 states
- > 100,000 asthma patients
- > First patients onboarded Nov'23



3,800 physicians

9,300 affiliated physicians

Covers

1 million
people

33 hospital systems

59,000 employees

Standard of care



- Allergy Partners PLLC: About | Linked!
- 2. SENTA News & Video (sentapartners.com)
- 3. www.adherium.com/investors/#announcements 25 September 2023

- www.adherium.com/investors/#announcements 22 November 2023
 About (intermountsinhoolthoors ord)
- About (intermountainhealthcare.org)

Hear from our customers and patients

Patient testimonial

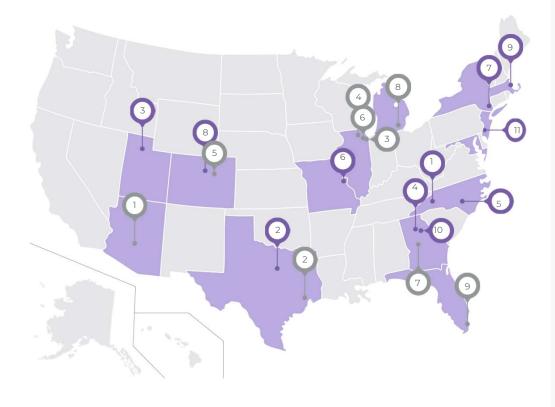
Our 8-year-old daughter had two exacerbations in the year before we started using Hailie. We've been using Hailie for nearly a year and a half now, and we haven't had any exacerbations.

John G.





Hailie® Partnerships



Partners already using Hailie



















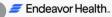




Current discussions with prospective partners include

























Source: ADR management

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Adherium's Hailie® Platform enables utilisation of RPM and RTM CMS reimbursement code sets

For Illustrative Purposes Onlyfor Eligible Patients



One-time initial set-up and patient education

RPM #99453

RTM #98975

\$19.65



Device supply and data transmitted from device

(billable monthly)

RPM #99454

RTM #98976

\$46.50



Clinical staff review

(20min; billable monthly)

RPM #99457

RTM #98980

\$48.13



Clinical staff review

(additional 20min; billable monthly up to 3 times)

RPM #99458

RTM #98981

\$38.64



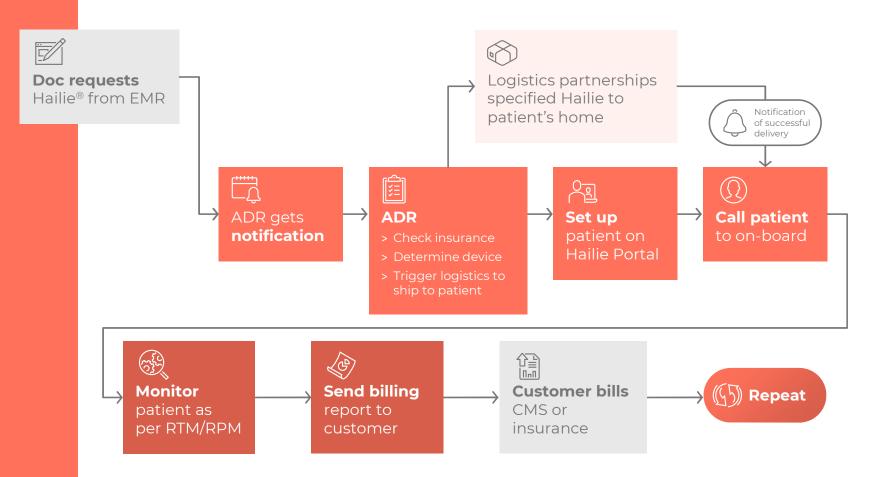
In total approximately \$114.28 to \$152.92 in initial month; \$94.63 to \$133.27 monthly thereafter; \$1155.21 to \$1618.89 per year; Adherium charges: \$600/patient/year



*CPT 99454 Descriptor per CMS: Remote monitoring of physiologic parameter(s) (e.g., weight, blood pressure, pulse oximetry, respiratory flow rate), initial, each 30 days. Reimbursement shows 2022 National Rate for non-facility sites. Actual rates vary by Provider & depend on site-of-care.

Personal time spent by the billing physician can also be billed instead of 99457, for up to 30 mins of time using 99091 @ \$56.41. Separate codes exist for remote monitoring or blood pressure & for mental health services. SOURCE: CMS Physician

"One Button" Model





Targeted channels in stages: what's in it for me? Phase 3: Where we are going 000



Pharmacy benefit managers (pbms)

- > Express Scripts
- > OptumRx



Healthcare payers⁵

Government payers

Private health insurance

- > United health group **51m**
- > Flevance Health **47.5m**
- > Centene 27m
- > Aetna **24.4m**
- > Cigna 18m



Value-based payment incentives

- > Asthma **\$82b**¹ cost on healthcare system
- > 21m² American adults have asthma and 4.8m³ children for a total **25.8m** asthma patients
- > Hailie reduces exacerbations, less doctor visits
- > Hailie reduce ER visits (\$2,200/visit)6
- > Hailie reduce hospitalizations (\$7,500/visit)7
- > Reduce biologic use by **50%: biologics** (\$35,000/yr)
 - > 63% patients had suboptimal adherence and were given biologics4

















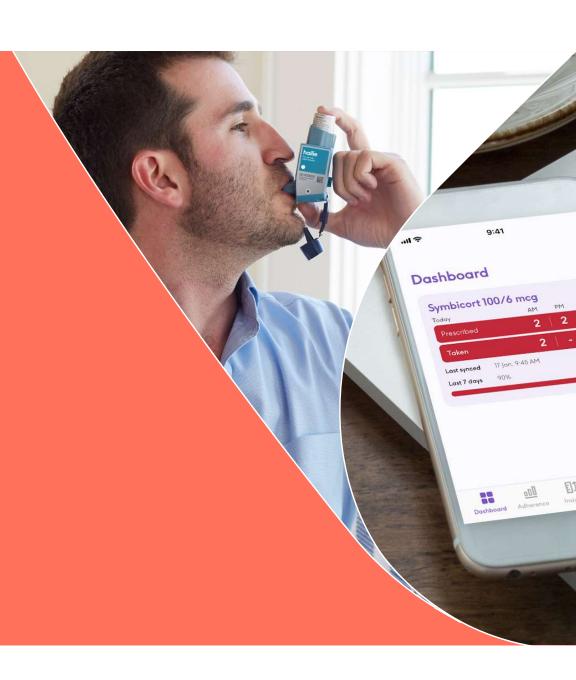


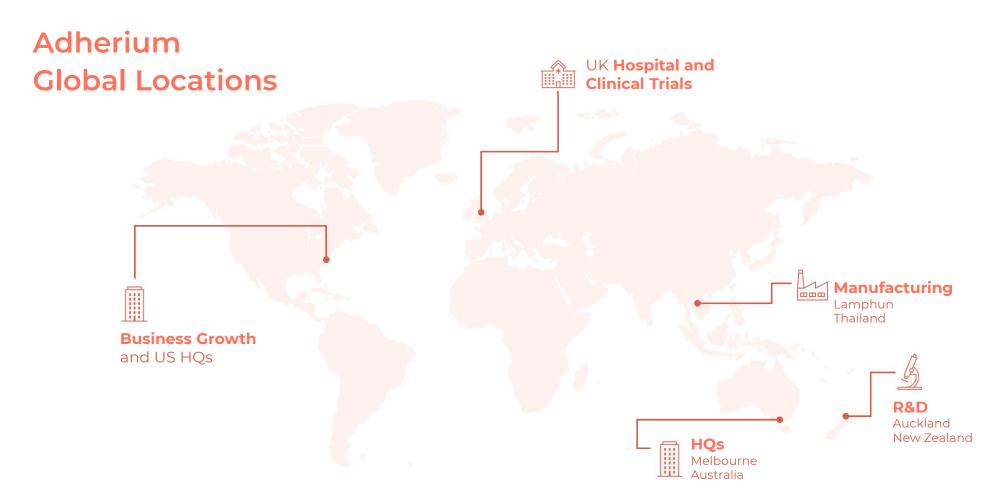
- Nurmagambetov, T. et al. The Economic Burden of Asthma in the United States, 2008-2013. Annals of the American Thoracic Society 2018 Mar 1. doi: 10.1513/AnnalsATS.201703-259OC National Center for Health Statistics. (2022). 2021 NHIS Adult Summary Health Statistics. U.S. Department of Health and Human Services. https://data.cdc.gov/d/25m4-6qqq Ferrante, G., & La Grutta, S. (2018). The Burden of Pediatric Asthma. Frontiers in Pediatrics, <u>Link</u> Most patients escalated to asthma biologics oid not adhere to prior maintenance treatment (healiocom). <u>Link</u> Top S Largest Health Insurance Payers in the United States (healthintelligence.com). <u>Link</u> What is the average cost for an emergency room visit? (healthinsurance.com). <u>Link</u> Overview of Hospitalizations among Patients with COPD, 2008 (ahrg.gov). <u>Link</u>

Highly Credentialled Team

Primed for growth

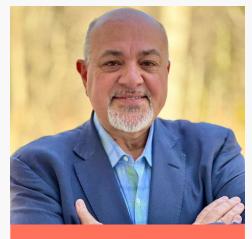








New CEO



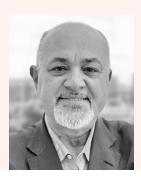
Adherium recently announced the appointment of a new Chief Executive Officer (CEO), **Dr Paul Mastoridis** – an accomplished pharmaceutical executive with more than 25 years' experience in the respiratory health sector

'right time, right market conditions, right knowledge, right network' that have motivated me to join the Adherium team – as it is here, in the company of dedicated professionals with world-leading technology at our fingertips, that I can focus all the moving parts of what I set out to achieve in the asthma and COPD market, which in simple terms, is to use intelligent digital technologies to improve, and even save, patient lives.

Dr Paul MastoridisAdherium CEO



Highly experienced leadership team



Dr. Paul MastoridisChief Executive Officer

- > +25 years' experience in the pharmaceutical industry, pioneering and leading digital solutions in asthma and COPD management
- > Executive positions at Novartis, Mylan, Angiotech, & Schering-Plough
- Patented first artificial intelligence (Al) technology to diagnose asthma from COPD delivering superior outcomes to traditional diagnostic methods
- Co-developed the first smart technology adherence device- a first generation concept which was subsequently approved and marketed in 18 countries



Francis White

Vice President, Global Business Development

- > >30 years experience in Digital Health & Medical Device commercialisation, creating & building successful teams
- Executive positions in Medtronic, Olympus Medical & Vice President, AliveCor Ltd, EMEA & OUS globally



Daniel Kaplon
Chief Financial Officer

- > Chartered Accountant with 25 years experience working in ASX-listed & private entities in healthcare, health technology, manufacturing & co-founded two medical device companies
- > Honours degree in Commerce, business degree in Transport & Logistics Management, & a Master of Entrepreneurship & Innovation (MEI)



Chris Leigh-Lancaster
VP, Product & Technology

- 25 years product development, commercialisatio n and Al across international medtech, consumer-tech, and agtech markets
- Led startup and scale-up organisations in Australia and New Zealand,
- Development and commercialisation of multiple award-winning products



Tara Creaven-Capasso

Vice President, Quality, Regulatory & Clinical Affairs

- +25 years US FDA and international development and commercial experience in the Digital Health, Pharmaceutical and Medical Device sectors
- Market clearance/approvals of over 70 products.
- Built and led teams with proven track-record successes.
- Held executive leadership, board, & advisory positions for government, private & listed entities.



Cassandra Thomas
Vice President, People & Culture

- > 25+ years experience in Operations and HR across a number of sectors, including property, medical, manufacturing and technology.
- Executive positions in national and multi-national companies in Australia, New Zealand and the Middle East.
- > Experience ensuring that organizations are able to attract top talent, build a productive and motivated workforce and realize the full potential of their employees.



Highly experienced leadership team



John Giszczak Director, Business Development

- > 18 years of healthcare experience including over a decade leading commercial teams in medical devices, digital health and healthcare services before first beginning career in international public health.
- Successful track record building commercial partnerships with leading academic medical centers, US federal & state government customers, large US pharmacy chains & other healthcare companies.



Luke AlleraDirector, Strategy and Sales
Operations

- > 14 years of healthcare experience leading operations and strategic partnerships in medical devices, digital health, and remote patient monitoring.
- > Successful track record of launching and implementing high-touch services for top medical practices in the US to drive patient adherence, improve quality of care, and increase customer retention



Nigel Devine
Vice President Production
& Development

- +40 years' experience in manufacturing, engineering and operations.
- Senior and Executive positions with a number of technology companies including OSCMAR International Ltd, Cubic Defense (NZ) Ltd, Boeing (USA), Dyson Ltd (Malaysia), and NextWindow Ltd (NZ).



Nancy She Head of Supply Chain/ Procurement

- +20 years of electronic manufacturing experience specialized in supply chain, sourcing, and procurement.
- > Prior to joining Adherum, led a team across New Zealand and Singapore to manage global inventory, leading the S&OP process, production planning, procurement/ sourcing, and shipping/ logistics at NextWindow.



Zoe Park Head of Software

- > Over 20 years' experience in the dynamic realm of software development.
- > Previous experience at renowned companies, such as Samsung, KT, ETRI and Microsoft in South Korea.
- Since 2014 has contributed her skills to the Australian tech scene, previously working with Tunstall Healthcare.



Santhosh Varghese
IT Systems Manager

- +15 years' experience in managing IT Systems and Operations for electronics and healthcare industries.
- > Certified AWS Solutions Architect and Microsoft Solutions Associate.

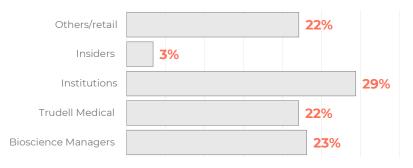


Corporate Snapshot

Capital Structure¹

Share Price	\$0.029
Shares on Issue	340.0m
Cash	\$3.14m
Net Debt	Nil
Market Cap	\$9.86m
Enterprise Value	\$6.72m

Ownership³



Experienced and Proven Board²

Member	Description
Lou Panaccio Independent Non-Executive Chair	Mr.Panaccio has extensive experience in the life sciences sector at the executive and board level. He is currently a director at Avita Therapeutics, Sonic Healthcare, VGI Health Technology, Neural DX and Haemokinesis.
Jeremy Curnock Cook Independent Non-Executive Director	Over his 40-year career, Mr. Curnock Cook has specialised in creating value in emerging biotech enterprises. He is currently Managing Director of BioScience Managers and sits on the board of Avita Medical, Rex Bionics Pty, Summatix Pty Ltd, and Sea Dragon Ltd.
George Baran Non-Executive Director	35 years in the medical device industry and serves as Executive Chair of the Trudell Medical Limited Board of Directors as well as being a significant shareholder. Mr. Baran is a Director of Sensory Technologies, Mozzaz Corporation, and Sky Medical Technology Inc.
Bruce McHarrie Independent Non-Executive Director	Mr.McHarrie is currently an independent director and consultant with over 25 years' experience in the health and life sciences sectors. Mr.McHarrie is currently an advisor to BioScience Managers and an independent consultant.
William Hunter Independent Non-Executive Director	Dr Hunter has extensive experience in commercializing medical device technologies. He is currently President and CEO of Canary Medical Inc, Director of Rex Bionics and Industry Expert Advisor for BioScience Managers.



ADR share price and company information for ASX:ADR 26 April 2024 and management attestation

2. Per website bio (supplied)

Computershare share registry 26 April 2024.
 ADR Interim Consolidated Report December 2023

