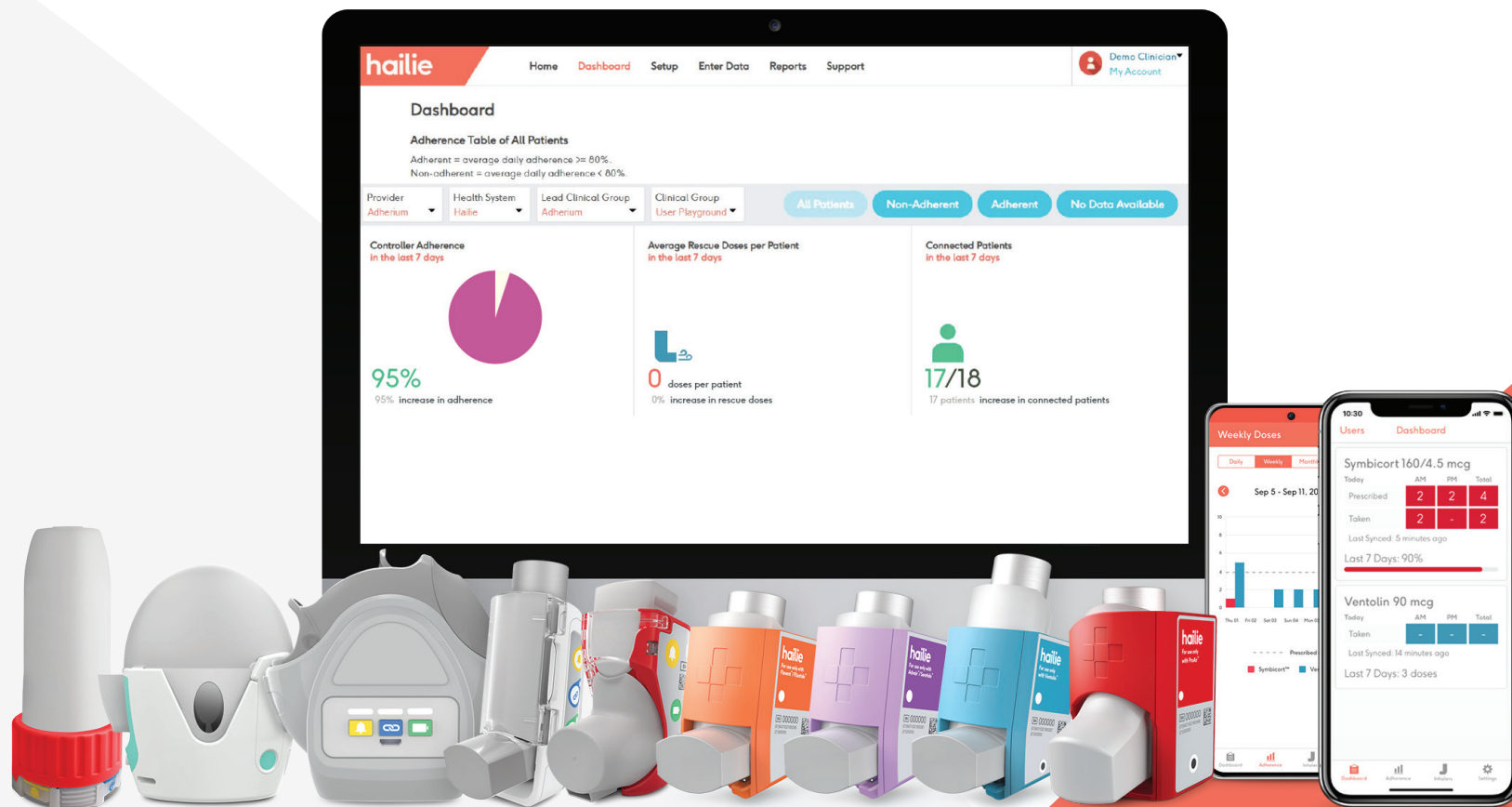




Establishing leadership in  
the rapidly accelerating  
respiratory remote digital  
monitoring environment

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- Rapid evolution of telehealth & remote digital monitoring, accelerated by COVID and new reimbursement programs
- Well placed with strategy development beyond adherence alone, toward multi-sensor respiratory management ecosystem
- Potential for software platform leverage with established data portal capability
- Good progress made with core data portal refresh & development of physiologically enabled adherence monitoring devices
- Progress being made with existing commercial partners & >10 ongoing new partner discussions advancing
- Fundraise initiated to progress business toward breakeven target

**\$18m fundraise to progress beyond 2021 commercial evaluations**

# opportunity

Telehealth & remote digital management of patients transformed in last 24 months due to introduction of reimbursement codes & impact of COVID pandemic

## COVID has changed expectations on care delivery

- Estimates of pre-pandemic awareness of telehealth benefits has risen from 24% to 80%<sup>3</sup>
- Estimates over 1/3 of ambulatory visits could be done remotely<sup>3</sup>
- Telehealth<sup>3</sup> offers possibility for over 50 million Americans in remote areas access to routine healthcare
- 11% consumers using telehealth in 2019<sup>2</sup>
- 76% consumers indicated they were highly or moderately likely to use telehealth going forwards<sup>2</sup>
- 50-175x reported increase in health systems & practices reported use of telehealth<sup>2</sup>
- Estimated \$250b market size<sup>2</sup>

## Reimbursement availability now a catalyst for adoption

- Introduction of Medicare reimbursement for Remote Patient Monitoring opened the professional market by creating clear financial incentives & a path to payment for physicians
- This was a 'watershed' moment; Medicare & Medicaid cover 1/3 of the patient universe with insurers covering remaining 2/3 typically following Medicare / Medicaid lead in coverage & payment

*"...in April 2020, nearly half (43.5%) of Medicare primary care visits were provided through telehealth compared with less than one percent (0.1%) in February before the public health emergency [Covid-19]"<sup>1</sup>*

1. <https://www.hhs.gov/about/news/2020/07/28/hhs-issues-new-report-highlighting-dramatic-trends-in-medicare-beneficiary-telehealth-utilization-amid-covid-19.html>

2. <https://www.mckinsey.com/industries/healthcare-systems-and-services/our-insights/telehealth-a-quarter-trillion-dollar-post-covid-19-reality#>

3. Lisa Gill JPM insights commentary <https://www.jpmorgan.com/solutions/cib/insights/health-care-conference#insights>

# strategy

Opportunity NOW to transform Adherium to lead commercially valuable integrated management solutions

## respiratory digital management ecosystem



Business with range of digital inhaler sensors & portal platform for adherence monitoring

## evolution



### Adherium

#### Now

Adherium Hailie® Sensors  
Peak Flow Meter

Business based on a respiratory ecosystem providing a portal & software platform with architecture for the integration of proprietary & 3rd party digital sensors, connected devices & data management systems

Sensors  
Portal  
Adherence

#### Phase 1

Assets from current relationships

Adherium Hailie® Sensors  
Peak Flow Meter

Revenue generation  
Healthcare providers & payers  
Partner Summatix / Planet Innovation  
for data aggregation / analysis  
Population risk assessment

#### Phase 2

Assets from current and future discussions

Assets from current relationships

Adherium Hailie® Sensors  
Peak Flow Meter

### Existing Partners



- Phase 1 training completed
- Pilot Program of evaluations in specialist Asthma centers initiated
- Pilot read outs expected Q2 CY2021



- Initial workflow assessment complete
- Modifications made to patient materials & app in response to feedback
- Rescue inhaler patient population data collection ongoing



- Primary activity from clinical trials & development contracts
- Four clinical studies underway using Adherium sensors
- Development projects upgrading patient user experience initiated

### Current Portfolio

#### Sensors

- Physiologically enabled sensor development progressing well (plan increases asthma/COPD device market coverage from 56% to 80% by US medication volume by H1 CY2022)
- Physiological measure proof of concept transferred to commercial product design
- Submission of first 510(k) of physiological enabled sensor expected Q1 CY 2021
- Finalist in "Australia by Design" Innovation Award TV series

#### Software

- Migration of platform to Microsoft Azure® completed to deliver capacity & capability for scale-up
- Peak Flow meter integration expected early Q2 CY2021 as first step in ecosystem build
- App & portal upgrades enhanced user experience & data presentation for patients & physicians
- System architecture design allows integration of third party devices into the platform

# strategy

Rapid acceleration in telehealth & digital monitoring reflected in increased partnering opportunities strengthening revenue stream potential with >10 ongoing commercial partnering engagements currently progressing at C suite level

| Partner Type         | Disease/Population Management Partners                                                                                                                                         | CDMO's                                                                                                                     | Pharmaceutical Companies                                                                                 |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Rationale</b>     | Connected Health Solution PERS & RPM<br>Employer / Commercial Payers Plans<br>Integrated Managed Care Consortia<br>Telemedicine / Virtual Care Providers<br>On-Line Pharmacies | Pharma / Biotech<br>Medical Devices<br>Inhaled Pharmaceuticals                                                             | Inhaled Pharmaceuticals                                                                                  |
| <b>Product Range</b> | Series of ongoing discussions in North America to provide Hailie® digital sensors & portal reporting to enhance existing care provision & remote patient monitoring            | Potential to integrate Hailie® digital sensor technology into CDMO products & leverage Adherium portal with CDMO customers | Potential to provide complementary digital sensors alongside sponsor products & leverage Adherium portal |
| <b>Revenue Model</b> | Adherium Sensor sales<br>Software licence fee (SaaS & PaaS)<br>Data licence fee                                                                                                |                                                                                                                            |                                                                                                          |

# strategy

Ecosystem evolution enhances overall product proposition to end clinical providers & payors with multiple longitudinal data points, leverages portal platform, & extends revenue stream potential for individual & combination of assets beyond adherence alone

| Ecosystem Build | Initial ecosystem of Adherium sensors plus 3rd Party Devices & Apps                                                      |                                                                                                                                                                                                                                                  |                                                                                                                                                                                                    |                                                                                                                                                                              | Second Phase under investigation                                                                                           |                                                                          |
|-----------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Product         | Adherium Sensors                                                                                                         | Peak Flow Meter                                                                                                                                                                                                                                  | Spirometer                                                                                                                                                                                         | Wheeze Analysis                                                                                                                                                              | Capnography COPD                                                                                                           | COPD exacerbations predictor                                             |
| Rationale       | Monitors patient adherence (frequency, date & time); inhaler technique; physiological measures*                          | Measures maximum speed of expiration, assesses ability to breath air out as an assessment of airway obstruction.<br><br>Primarily used in asthma.<br><br>Complementary diagnostic assessment of control with adherence. Portal platform leverage | Measures lung function. Volume of air inspired & expired. Primarily for COPD patients<br><br>Complementary diagnostic assessment of disease control with adherence<br><br>Portal platform leverage | Measures wheeze a symptom of airway obstruction in asthma.<br><br>Complementary diagnostic in conjunction with other parameters such as adherence, peak flow & lung function | Extends offering in COPD & supports predictive analysis of exacerbations.<br><br>Application in asthma under investigation | Extends offering in COPD & supports predictive analysis of exacerbations |
| Product Range   | 6 sensors available today with 56% coverage, build to 9 with physiological data capture giving 80% coverage in H1 CY2022 | Peak flow sensor integration progressing.<br><br>Commercially available with portal integration from H1 CY2021                                                                                                                                   | Digital device integration assessment progressing.<br><br>Target commercially available with portal integration from H2 CY2021                                                                     | Initial pharmacy pilot & clinical trial evaluation being initiated in Australia                                                                                              | Point of care device with physician data reporting                                                                         | App with integration to peak flow data & biomarker data                  |
| Revenue Model   | Adherium Sensor sales<br>Software licence fee (SaaS & PaaS)<br>Data licence fee                                          |                                                                                                                                                                                                                                                  |                                                                                                                                                                                                    |                                                                                                                                                                              |                                                                                                                            |                                                                          |

Significant potential for further ecosystem sensor device integration including digitised spacers, nebulizers, OPEP mucus secretion devices

### 1 CY Q3 2020 – Q2 2021

Initial partner model establishment/proof of concept

- Validate channel partners
- Test operational model
- Validate business model
- Limited initial sensor volumes & orders
- Appointment of key leadership roles in US & CTO in Australia
- Contracting new industry partners
- Establish ecosystem framework & initial sensor integration assessment

### 2 CY Q2 2021 – Q4 2021

Partner scale-up in US with revenue traction

- Scale-up of HGE & Monaghan; initiate industry partner activity
- Progressive revenue growth
- Increase penetration in COPD
- First wave sensors with physiological measures
- Complete market launch of full range of physiological enabled sensor
- Limited highly selective ex-US activity
- Pilot ecosystem build with early roll out of 3 new integrated sensors

### 3 CY 2022

Full expansion & platform leverage in US & ex-US

- Accelerated US commercialisation with full portfolio
- Potential expanded scale-up ex-US
- Assess next wave device development e.g. nebulisers/integrated sensors
- Potential multi-provider data integration leverage & monetisation
- Scale ecosystem with further new sensors with progressive revenue growth

\$18m fundraise to progress beyond 2021 commercial evaluations

## Disclaimer and forward looking statement

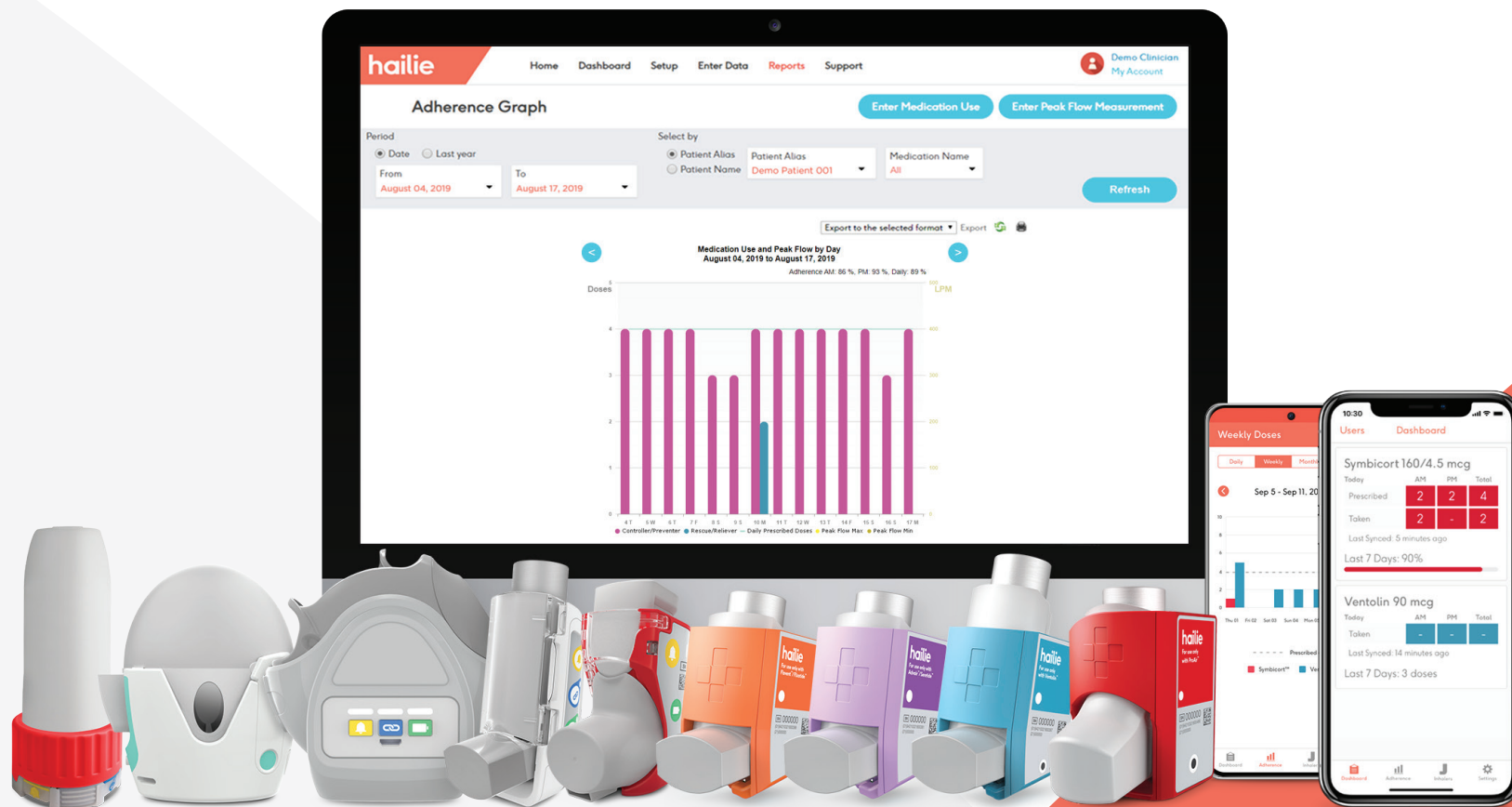
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