

## > Investor Presentation

Q2 2019 January 24, 2019

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# Presentation of financial information & forward-looking statements

Historical financial and operating data in this presentation reflect the consolidated results of ResMed Inc., its subsidiaries, and its legal entities, for the periods indicated.

This presentation includes financial information prepared in accordance with accounting principles generally accepted in the United States, or GAAP, as well as other financial measures referred to as non-GAAP. The non-GAAP financial measures in this presentation, which include non-GAAP Income from Operations, non-GAAP Net Income, and non-GAAP Diluted Earnings per Share, should be considered in addition to, but not as substitutes for, the information prepared in accordance with GAAP. For reconciliations of the non-GAAP financial measures to the most comparable GAAP measures, please refer to the earnings release associated with the relevant reporting period, which can be found on the investor relations section of our corporate website (investor.resmed.com).

In addition to historical information, this presentation contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements are based on ResMed's current expectations of future revenue or earnings, new product development, new product launches, new markets for its products, integration of acquisitions, leveraging of strategic investments, litigation, and tax outlook. Forward-looking statements can generally be identified by terminology such as "may", "will", "should", "expects", "intends", "plans", "anticipates", "believes", "estimates", "predicts", "potential", or "continue", or variations of these terms, or the negative of these terms or other comparable terminology.

ResMed's expectations, beliefs, and forecasts are expressed in good faith and are believed to have a reasonable basis, but actual results could differ materially from those stated or implied by these forward-looking statements. ResMed assumes no obligation to update the forward-looking information in this presentation, whether as a result of new information, future events, or otherwise. For further discussion of the various factors that could impact actual events or results, please review the "Risk Factors" identified in ResMed's quarterly and annual reports filed with the SEC. All forward-looking statements included in this presentation should be considered in the context of these risks. Investors and prospective investors are cautioned not to unduly rely on our forward-looking statements.



## (>) Overview



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### Who we are / what we do

- World-leading connected health company with more than 8 million 100% cloud-connectable devices
  - More than 9 million patients in AirView monitoring ecosystem
  - Nearly 80 million patient accounts in out-of-hospital care network
- Innovative designer and manufacturer of award-winning devices and cloud-based software solutions
  - Diagnose, treat, and manage sleep apnea, chronic obstructive pulmonary disease, and other respiratory conditions
- Products and solutions designed to improve patient quality of life, reduce impact of chronic disease, and lower healthcare costs
- Cloud-based software health applications and devices designed to provide connected care, improving patient outcomes and efficiencies for healthcare providers
  - Tools that allow fewer people to manage more patients
  - Empower patients to track own health outcomes





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## Why invest? – driving long-term shareholder value



### **Market Dynamics**

- Underpenetrated markets in sleep & COPD
- Healthcare costs continue to increase
- Focus on improving patient outcomes
- Value-based technology solutions



#### **Growth & Innovation**

- Global leader in connected health for sleep and respiratory care
- Long-term growth opportunities
- 5,500+ patents and designs
- ~ 7% of revenue invested in R&D



#### **Financial Results**

- Historical revenue and profit growth
- Recurring revenue
- Operating excellence program
- Strong track record of disciplined capital deployment



## Key demographic, political, and healthcare trends present multiple opportunities for ResMed

## Healthcare continues to rise in importance as a major topic on social and political agendas around the world.

Increasing Chronic Disease Burden







The shift to value-based healthcare and consumerization-of-care is here to stay.

IICRO

#### **Healthcare System Pain Points**

Delivering the correct care when needed

Delivering care in lower cost settings

Patient Engagement

Documentation

Data Availability Communication

Analytics

Integration of *Data & Technology* is KEY to driving increased awareness & treatment



## ResMed's 2025 strategy



250 million lives improved in out-of-hospital healthcare in 2025!

#### **Purpose**

Empower people to live healthier and higher quality lives in the comfort of their home

#### **Growth Focus**

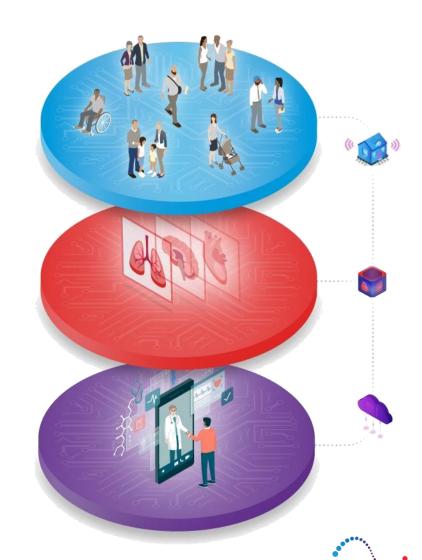
Global health epidemics in sleep apnea, COPD, other major chronic conditions, and caring for patients with SaaS solutions in the out-of-hospital setting

#### Growth Advantage

Transform patient care through innovative solutions and tech-driven integrated care to drive superior outcomes, experiences and efficiency

#### **Growth Foundations**

High-performing, diverse and entrepreneurial people Industry-leading innovation and business excellence Advanced analytics leadership in our markets



Our Business - Sleep





## Sleep business strategy

Our Purpose: Deliver a world-class patient experience through innovative solutions that lower overall cost for treating sleep apnea patients and improve clinical outcomes.

#### **Optimize efficiencies for providers**

- Home medical equipment/home care provider-facing solutions that drive workflow efficiencies
- Long-term adherence solutions that improve patient management and meet the needs of referring physicians



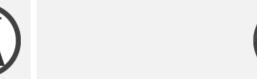
## Deliver best-in-class patient experience

 Patient-facing solutions, from identification to treatment, that streamline the experience and improve long-term adherence



## **Embrace and enable integrated care models**

 Payor-facing solutions that enable population management, backed by our data insights, outcomes research, and market access

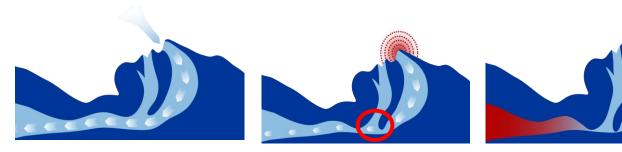


Operating Excellence – Portfolio Mindset – Deep Customer Understanding – Talent



## > What is sleep-disordered breathing?

- Abnormal respiration during sleep the cessation of breathing or "sleep suffocation"
- Most prevalent is obstructive sleep apnea collapse of the upper airway despite ongoing effort
- Other types include central sleep apnea -- lack of breathing and lack of effort -- and mixed apnea







**Normal airway** 

Partially obstructed airway

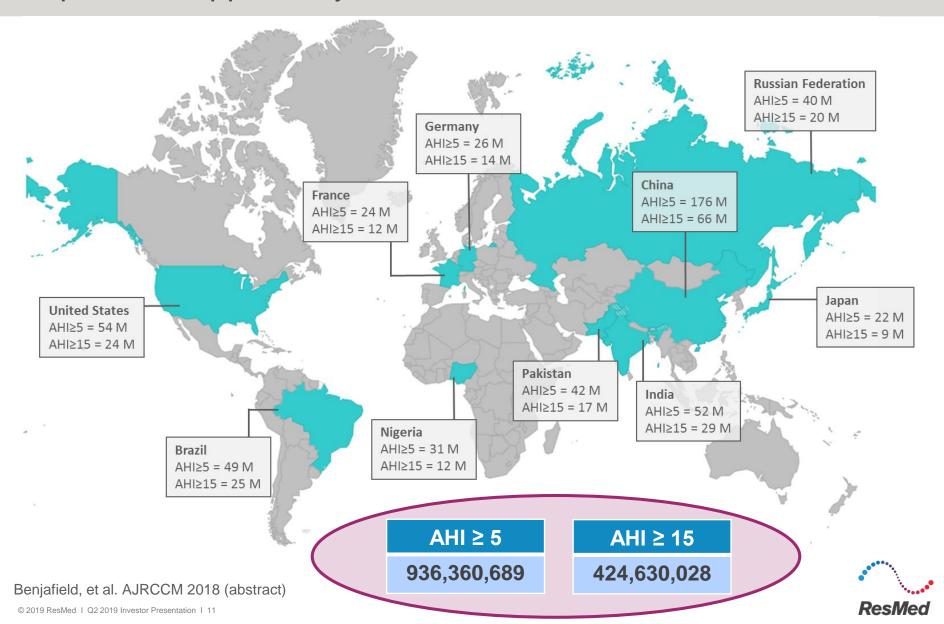
**Obstructed airway** 

**Arousal** 



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## Global prevalence of obstructive sleep apnea (OSA) presents opportunity to drive increased awareness

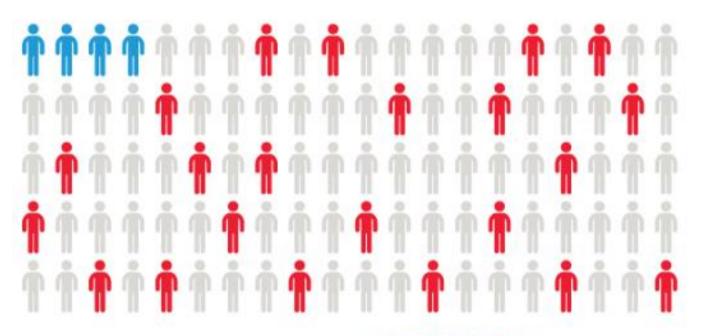




## Sleep apnea is more than 80% undiagnosed

## For every 100 U.S. adults...

4 KNOW THEY HAVE SLEEP APNEA12



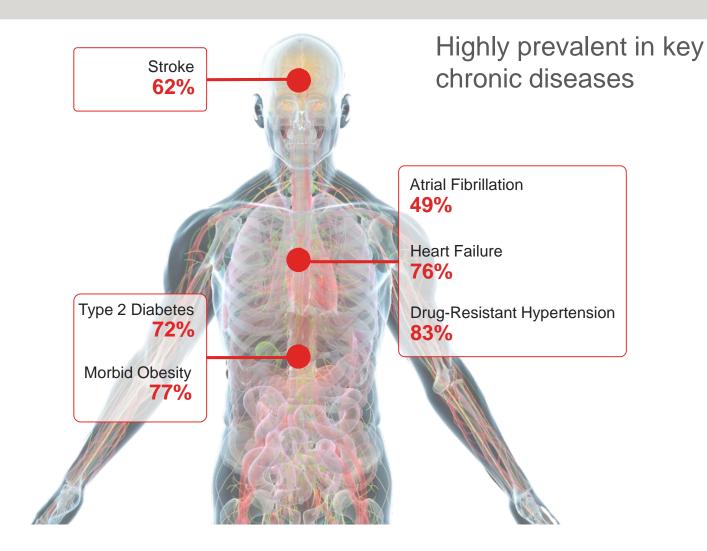
22 DON'T KNOW THEY HAVE IT1,2

1 Peppard PE et al. *Am J Epidemiol* 2013 2 Young T et al. *Sleep* 1997



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## Sleep apnea is prevalent in other chronic conditions



References: Gami AS et al. Circulation 2004, O'Keefe and Patterson, Obes Surgery 2004, Logan et al. J. Hypertension 2001, O'Keeffe T and Patterson EJ. Obes Surg 2004, Einhorn D et al. Endocr Pract 2007, Bassetti C and Aldrich M. Sleep 1999





## Transforming the treatment & management of sleep apnea

#### Quiet



AirSense™10



AirSense™10 AutoSet for Her



#### Comfortable











#### **Compact**



#### **Connected**







my**Air**™





Working with others to raise sleep as a public priority

# sleepscore labs...

# verily

- Consumer tech jointventure with Dr. Ozand Pegasus Capital
- World's first non-contact sleep trackingmobile app
- Shows people how they sleep, and how they can improve their sleep

- Sleep research jointventure with Verily
- To study the health and financial impacts of untreated sleep apnea
- Based on research: Develop software solutions to help identify, diagnose, treat and manage those with OSA

Our Business - Respiratory Care





## Respiratory care strategy

**Our Purpose:** Changing the lives of COPD patients by bringing new solutions for unmet patient needs.

#### Win in the core

- Reach more COPD patients through connected non-invasive ventilation technology
- Take share in the life-support ventilation category
- Prepare for Mobi full product launch



## Innovate and expand into adjacent categories

- Treat patients earlier in COPD disease progression with Mobi in a connected ecosystem
- Innovate and scale the portable oxygen business model
- Enable new models of care that keep COPD patients out of hospital



## Transform COPD healthcare delivery

- Develop intelligent therapy solutions and technologies that improve the patient experience
- Create value propositions in longitudinal care, predict exacerbations and prevent hospitalization



Operating Excellence – Portfolio Mindset – Deep Customer Understanding – Talent



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## What is chronic obstructive pulmonary disease (COPD)?

#### COPD is a serious lung disease that over time, makes it hard to breathe

#### Causes include:

- smoking & second hand smoke
- pollution
- occupational exposure to noxious gases
- a history of childhood infections (could be a catalyst)
- genetic inheritance, leading to its onset





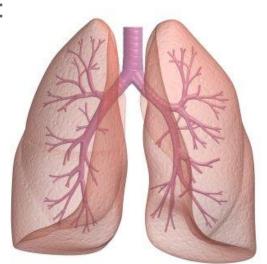




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## COPD is a large and growing market

- COPD is the third leading cause of death worldwide<sup>1</sup>
- More than 380 million people worldwide are estimated to have COPD<sup>2</sup>
  - Largely undiagnosed COPD sufferers in high-growth markets such as China,
     India, Brazil and E. Europe may be well over 100 million<sup>3</sup>
- Cost to healthcare systems from COPD is enormous:
  - Europe: ~€48 billion per year<sup>4</sup>
  - US: ~\$50 billion per year<sup>5</sup>
- More than 3 million people worldwide die each year due to COPD<sup>6</sup>





World Health Organization. The top 10 causes of death: Fact sheet: No310 (2014, May) accessed 20Jul16

Ferkol T et al Annals ATS 2014

<sup>&</sup>lt;sup>3</sup> Company estimates based on World Health Organization estimates and Zhong et al. "Prevalence of Chronic Obstructive Pulmonary Disease in China" Respiratory and Critical Care

<sup>&</sup>lt;sup>4</sup> European Respiratory Society, European Lung White Book http://www.erswhitebook.org/chapters/the-economic-burden-of-lung-disease/accessed 20Jul16

<sup>&</sup>lt;sup>5</sup> Guarascio et al. Dove Med Press, 2013 Jun 17

<sup>&</sup>lt;sup>6</sup> World Health Organization. Chronic obstructive pulmonary disease (COPD): Fact sheet No315. 2015 accessed 20Jul16



## > Full spectrum of solutions for respiratory care

#### **High-Flow Therapy**

#### **Portable Oxygen Concentrator**



AcuCare™ high flow



Mobi™

#### **Bilevel Ventilation**

#### **Non-invasive Ventilation (NIV)**

#### **Life Support Ventilation**



AirCurve 10



Lumis™



Stellar™



Astral™



Astral<sup>™</sup> with RCM

#### **Patient Acuity**

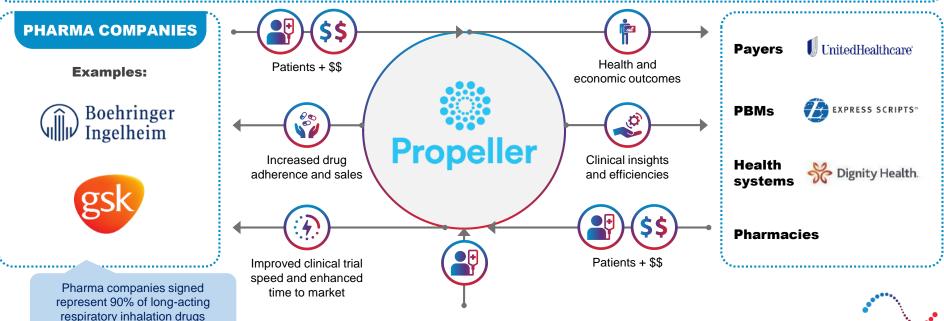




## Extending connected health solutions to COPD & Asthma

#### **Acquired Propeller Health for \$225M**

- Digital therapeutics company providing connected health solutions for people with COPD and asthma
- Uses sensors with inhalers to track medication usage and provide personal feedback and insights
- Establishes ResMed as a leading provider of COPD and asthma patient management solutions
- Enables integration of care through the progression of the disease



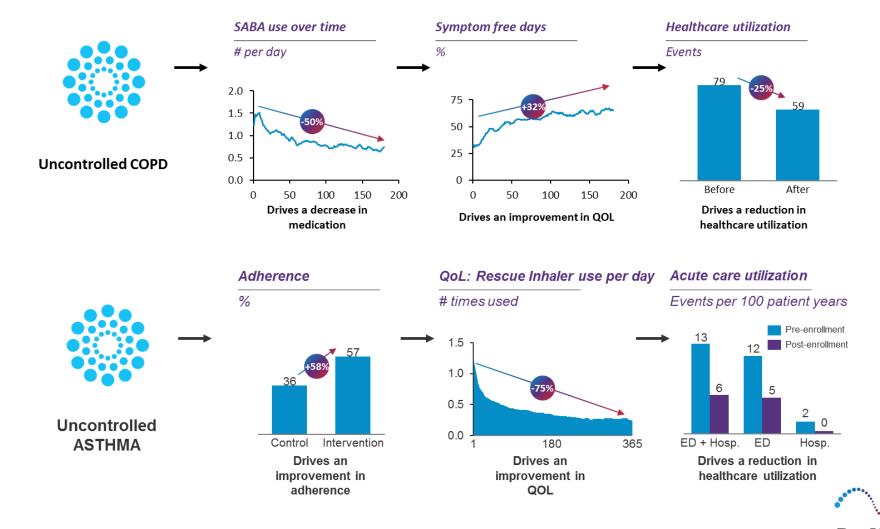
**Patient Acquisition** 



## Propeller has demonstrated compelling clinical outcomes



#### Impact of the Propeller solution tracking inhaler usage and location



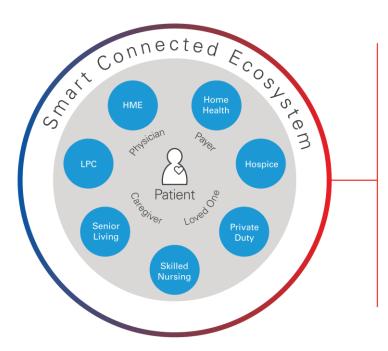
Our Business - Software as a Service (SaaS)





## SaaS strategy – revolutionizing out-of-hospital healthcare





Better patient experience.
Improved clinical outcomes.
Lower overall cost of care.

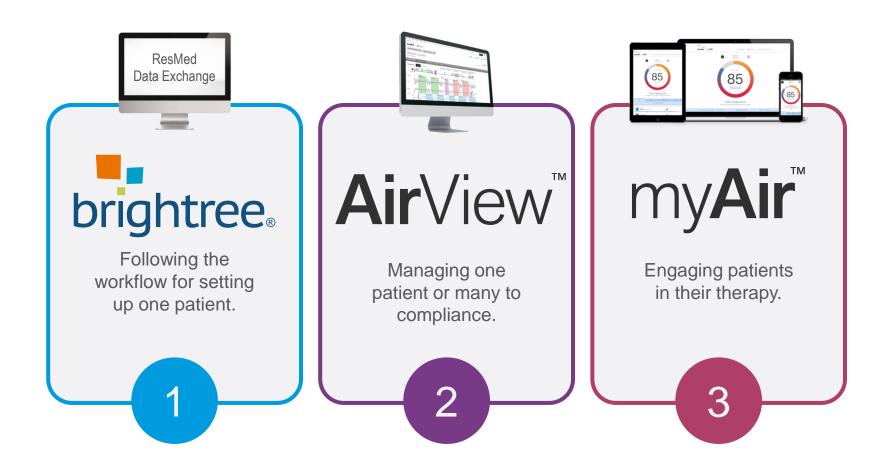
- Single view of the patient
- Comprehensive interoperability
- Care transition, coordination and collaboration
- Seamless access to information for patients and those who care for them
- Manage populations across provider / care settings
- Data insights to enable better care / better results

Connected systems deliver the best outcomes for value-based care





## Improving outcomes for patients, physicians, and providers





## >> History of successful SaaS acquisitions and integrations

Company	Location	Date	Key Product	Status
UMB <sup>®</sup> AN	Halifax, NS Canada	Aug 2012	U-Sleep	Fully integrated as AirView Action Groups. Halifax has become key PD development center and provider of Saas Services
JAYSEC TECHNOLOGIES	Knoxville, TN	Feb 2015	GoJaysec	Rebranded as GoScripts referral document management service. Now interoperable with Brightree
CareTouch	Denver, CO	Jul 2015	CareTouch 360	Rebranded as ResMed ReSupply, reaching over 100k patients across 80 customers
brightree.	Lawrenceville, GA	Feb 2016	Brightree Core	Operating as a wholly owned subsidiary with strong growth across its various modules
conduittechnology	Girard, PA	Jun 2017	MyForms	Integrated into Brightree, enhancing custom forms builder and workflow solutions for HME providers
AllCall Connect	Joliet, IL	Jul 2017	Brightree ConnectPRO	Now part of Brightree Services, providing live call center services to Brightree customers
HEALTH CARE + Turst	Springfield, MO	Jul 2018	firstHOMECARE Software (EHR)	Operating as a wholly owned subsidiary providing software solutions and services for home health and hospice customers
Apacheta  Mobile Business Solutions	Media, PA	Dec 2018	Apacheta ACE (a mobile enterprise application platform)	Operating as a wholly owned subsidiary with its own brand, directly supporting both HME and non-healthcare customers



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## MatrixCare – acquired for \$750M



- Leading healthcare IT player with diverse modules for multiple out-ofhospital care settings
- Expands ResMed's out-of-hospital software portfolio into long-term care settings
- Well-aligned with ResMed's strategy
  - Create greater customer efficiencies and improved patient outcomes through industry-leading, end-to-end connected health technology solutions
- Immediately accretive to growth, margin, and EPS





## Broad portfolio of out-of-hospital verticals

ResMed has the foundation to build an ecosystem that improves transitions of care for patients and drives efficiencies for providers.

Smart Connected Ecosystem							
HME	Home Health	Hospice	Private Duty	Skilled Nursing	Senior Living	Life Plan Communities	
brightree.  AllCall Connect  conduittechnology  Apacheta	brightree.  HEALTH CARE  + irst	brightree.  HEALTHCARE  + irst	MatrixCare Integrated Care, Server Outroures.  brightrees	MatrixCare hospital Care, sorter Outcomes.	MatrixCare Margard Car. Rener Cutranes.	MatrixCare integrated Care, Servis Charanters.	



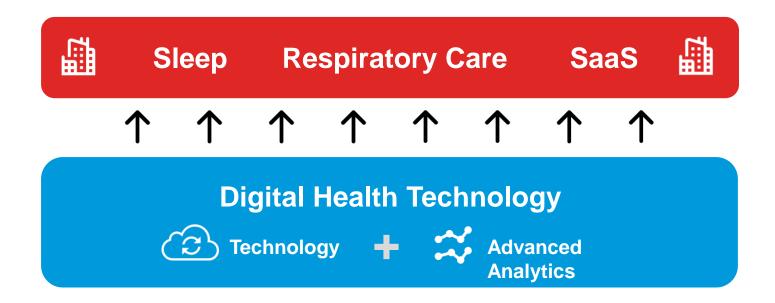
Digital Health Technology





## Digital health technology supports all of ResMed

**Purpose:** Enable <u>all</u> ResMed businesses to achieve their business objectives by leveraging Healthcare Informatics technology and Advanced Analytics.







## Digital health technology strategy



#### Connected Health Ecosystem

- Innovate for core Sleep and RC business
  - · Device connectivity to the cloud
  - Patient monitoring and management
  - Patient engagement

#### Out-of-Hospital SaaS Ecosystem

- ePrescribe and Resupply
- · Integrations with our SaaS platforms
- Accelerating the ResMed value prop for our customers and patients



#### Data Analytics – The Al Journey

- Drive better clinical outcomes for patients and business outcomes for providers
- Leverage big data to derive meaningful actionable insights, more than 3.5 billion nights of sleep data
- Talented team of data scientists using artificial intelligence and machine learning to improve long-term patient adherence





## Solving for pain points in the physician/provider/patient ecosystem



#### Physician

Physician access to meaningful clinical data

Evolution from paper to electronic record systems

#### Provider/HME

Multiple systems increase potential for errors

Increased documentation requirements

**Patient** 

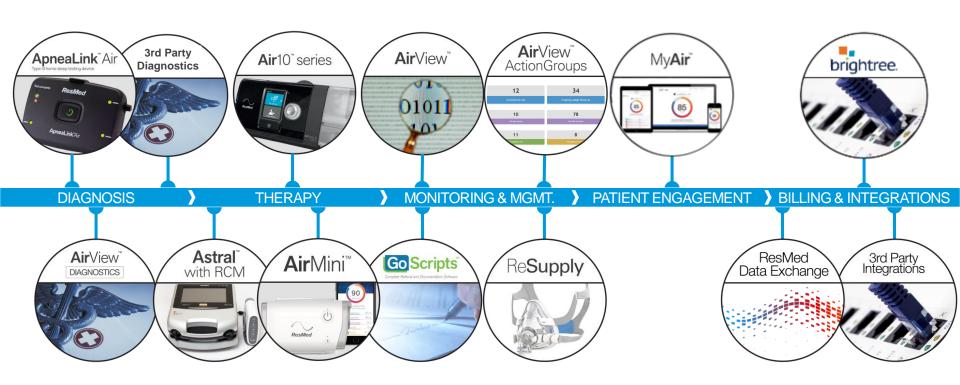
Real-time patient engagement





Transforming 3.5+ billion nights of medical data into useful outcomes

#### Global Leader in Cloud-Connected Medical Devices







## Global leadership in digital health

## AirView<sup>TM</sup> has over 9 million+ patients

# 8 million+ 100% cloud connectable

devices worldwide

700,000+ diagnostic tests processed in the cloud

**~80 million** accounts in out-of-hospital care network

75 API calls per second from integrators

1.5 million+ patients have



## > Financial Results

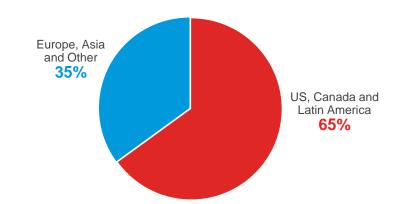


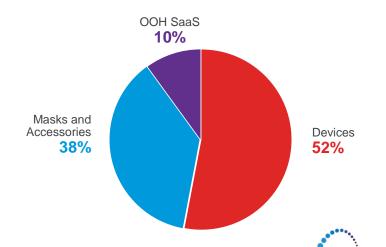
## (>) Key financial results

	Q2 2019		
Revenue	\$651.1M +8% (+9% CC)		
Gross margin	58.9%		
Non-GAAP operating profit*	\$181.1M +15%		
Non-GAAP net income*	\$144.5M 		
Non-GAAP EPS*	\$1.00 		
Cash flow from operations	\$129.5M		
Free cash flow	\$111.0M		

ResMed adjusts for the impact of the amortization of acquired intangibles, deferred revenue fair value adjustment, acquisition related expenses, and the impact of U.S. tax reform from their evaluation of ongoing operations and believes investors benefit from adjusting these items to facilitate a more meaningful evaluation of current operating performance.

#### Diversified revenue by geography & by business



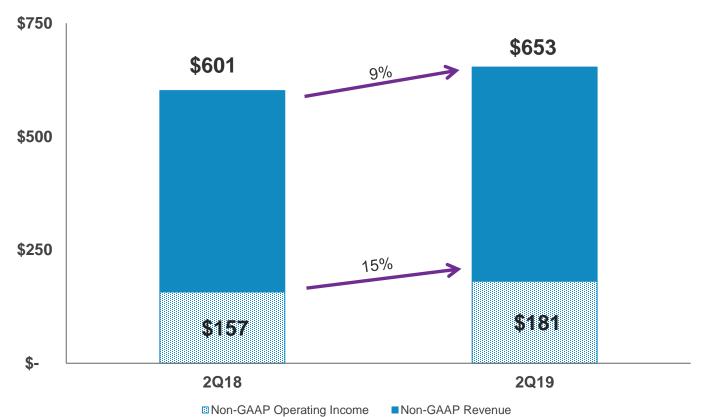


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# Focus on operating excellence and fiscal discipline driving continued improvements in operating leverage

(\$ in millions)

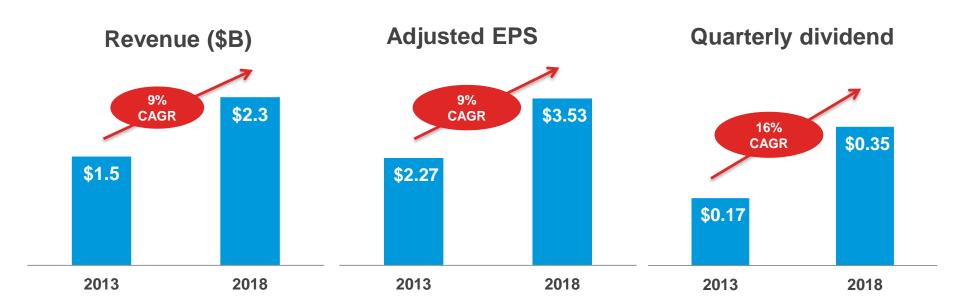






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# Track record of disciplined financial growth



Fiscal Years ended June 30





#### Proven capital management

## **Capital Deployment**





- New Products
- Geographic expansion
- Acquisitions



## Free Cash Flow returned to Shareholders

 Last twelve months combined dividend and stock repurchase = 69% of free cash flow



#### **Increasing Dividend**

- FY 2018 dividend payout ratio of 39% of Adj. net income
- Dividend per share increased by 6% over prior year

Combined dividend and buy-back over rolling 5 years

= 69% of free cash flow





## Recognized by Forbes at #1 in category for corporate citizenship

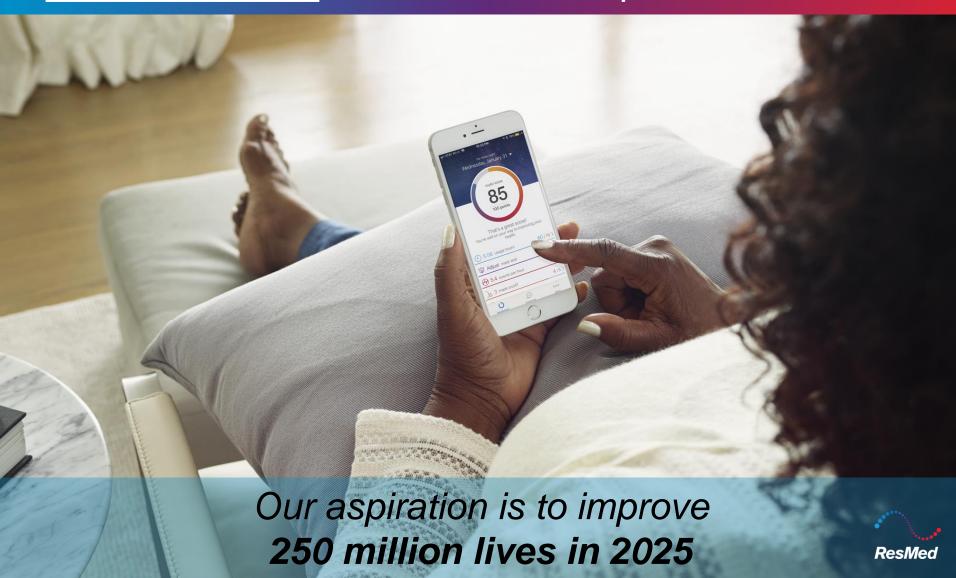
Eliminating unnecessary waste	Minimizing pollution	Product stewardship	Responsible compliance	Increased awareness and continual improvement	
We work to eliminate unnecessary waste in all our systems & processes, such as minimizing our use of natural resources.	We are minimizing pollution, in particular our non-biodegradable waste to landfill.	We design and develop products with reduced impact on the environment through their lifecycle.	We fulfill all relevant and applicable compliance obligations in the countries and communities that we operate in.	We drive internal awareness of environmental impacts and monitor our performance through collaboration with others to make continual improvements	

#### **Recognized by others for leading in this space:**



- #18 on Forbes & Just Capital's "2019 Just 100", #1 in Healthcare Equipment and Services
- #170 on WSJ's 2018 Management Top 250 of the U.S.'s most well-run companies for customers, employees, and investors

In the last 12 months, we changed more than 14 million lives with our products and improved nearly 80 million more via our out-of-hospital care network



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### Why invest? – driving long-term shareholder value



#### **Market Dynamics**

- Underpenetrated markets in sleep & COPD
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#### **Financial Results**

- Historical revenue and profit growth
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Website: www.investors.resmed.com



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#### Market-leading connected health solutions

Pioneering *innovations* and providing *clinical evidence* that support better patient outcomes and improved business efficiencies for customers



patient adherence with automated compliance coaching¹

Labor Costs<sup>2</sup>



New Patient Setups<sup>3</sup>







World's largest study for adherence

> 128,000 patients

124%
patient adherence
with patient
engagement4



Hwang, et al., AJRCCM 2017

Munafo, et al. Sleep Breath 2016

Data based on monthly patient setups and compliance rates of DME customers from February 2014 – March 2015. Historical results for this provider over the stated time

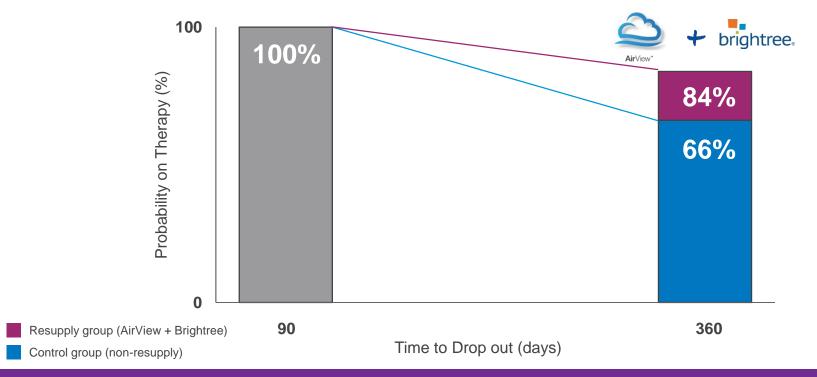
Crocker, et al., Abstract CHEST 2016



#### Improving adherence to therapy

#### ResAdhere: remote monitoring + mask resupply drive improved adherence

In a study of ~100k patients with AirView cloud-connected devices...



...the likelihood of therapy termination decreased by >50% after one-year and there was a significant increase in daily PAP usage



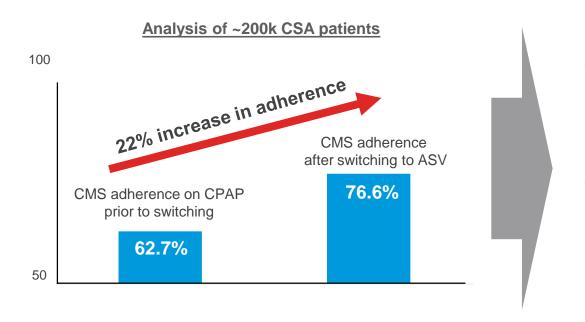


# Big data analysis drives insights for treatment of central sleep apnea

Patients with treatment-emergent central sleep apnea (CSA) are two times more likely to terminate therapy

- Opportunity to rethink conventional therapeutic options
- Minimize risk of therapy termination through early diagnosis
- Regularly monitor patients to support adherence to treatment





- Switching from therapy CPAP to ASV improved relative adherence by 22%
- Patients who switched from CPAP to ASV had fewer apneas and hyponeas during sleep

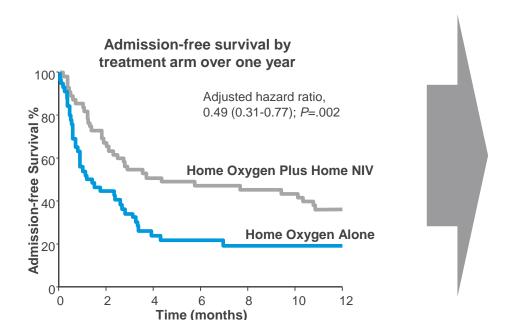


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### Opportunity to shift care from hospital to home

- Healthcare costs are on the rise
- Combining non-invasive ventilation (NIV) with home oxygen therapy (HOT)
  - Reduces hospitalization and mortality by 51%
  - Increases time to hospital readmission or death by ~90 days





- Combination of HOT with NIV reduced hospital readmissions by 58.3%
- Combination of therapies provided improved patient quality of life and saved
   \$50k per quality of life adjusted year



<sup>1</sup> P. Murphy et al., Effect of Home Noninvasive Ventilation With Oxygen Therapy vs Oxygen Therapy Alone on Hospital Readmission or Death After an Acute COPD Exacerbation. A Randomized Clinical Trial, JAMA. Published online May 21, 2017. doi:10.1001/jama.2017.4451.