



## **Oventus: Innovators in Sleep Apnoea Treatment**

May 2017



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## **Oventus Overview**

## Oventus' core technology is the 3D Printed patented airway

Oventus Airway Technology is the **only** technology that addresses resistance and obstructions at all levels of the airway enhancing airflow and enabling improved treatment outcomes

This technology has been shown to make both oral appliance therapy and CPAP therapy more effective and/or better tolerated

This technology is an enabling technology that can be deployed in competition with or in conjunction with existing technologies

Oventus Airway Technology can be incorporated into both oral appliances and CPAP improving patient outcomes, negating the need for surgical intervention and providing diagnostic and monitoring solutions in one platform – the NEXUS in the treatment of OSA



### **Oventus O<sub>2</sub>Vent appliances: it's all about the airway**

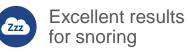
Addresses obstruction

Reduces airway collapsibility

Treats mild to severe apnoea

Improved compliance and outcomes

OVENTUS





80% elimination



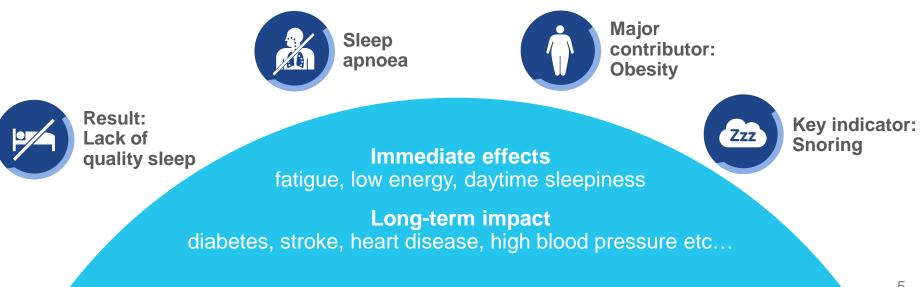
>95% reduced to a level that is acceptable to their partner



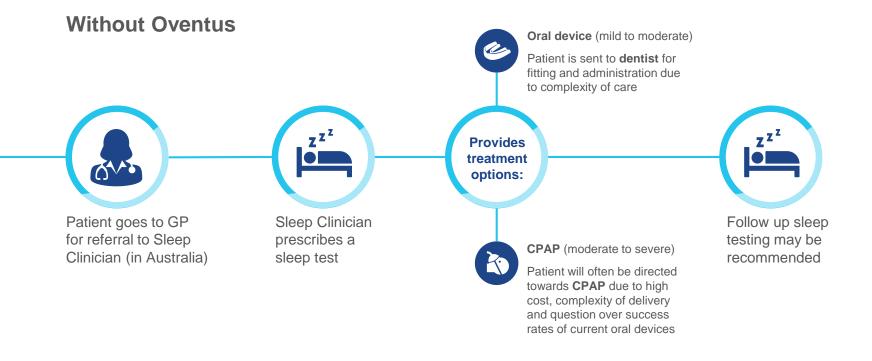
Low ongoing cost and faster manufacturing

### Sleep apnoea is a global health & economic issue

Sleep appoea effects at least 4% of the population



# Currently, sleep clinicians are limited in their capacity to treat using oral appliances



# Existing treatments

## **Oral appliances**

However, 50% of patients do not adhere to proper use within a year

- Question over cost vs reward
- Nasal resistance in > 50%
- Complex Diagnosis & treatment



However, 50% of patients do not adhere to proper use within a year

- Nasal obstruction an issue
- Mask-related issues
- High pressure
- Air leakages and noise
- · Lack or portability e.g travelling or camping



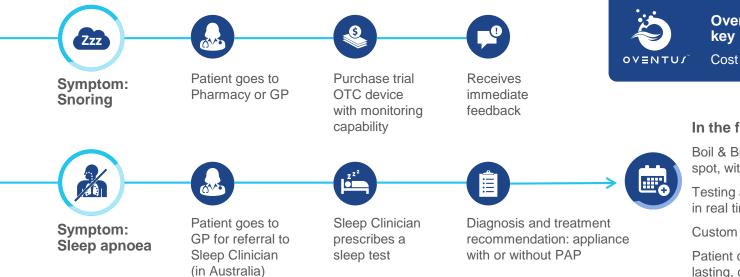
### Limited patient outcomes



CPAP

### Low cost trial devices will allow patients to be immediately treated

### With Oventus



#### **Oventus overcomes** key issues: Risk Time

#### In the future

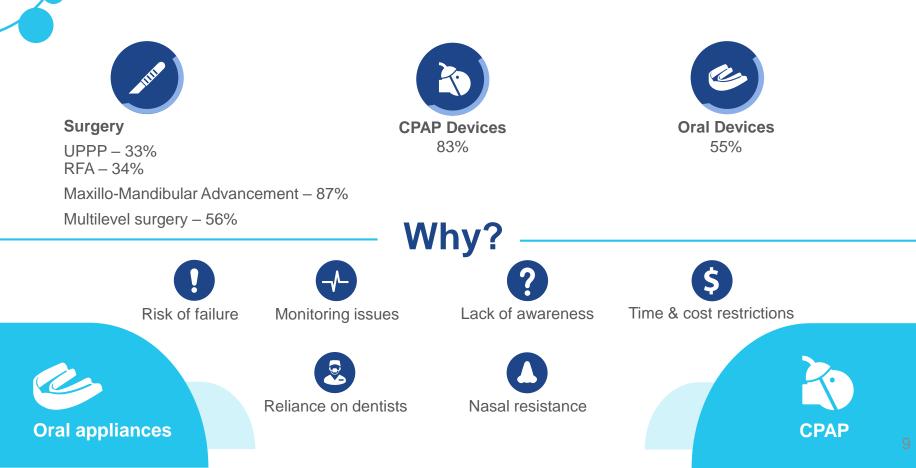
Boil & Bite: delivered on spot, with or without CPAP

Testing and feedback in real time

Custom made applications

Patient can order a longer lasting, custom-made device delivered through dentist

### However, up to 80% of patients are still out of care



## **Oventus O<sub>2</sub>Vent + CPAP**

A sleep apnoea management platform. A paradigm shift that combines CPAP with normal breathing



Low cost



Improved compliance, efficacy and feedback



Monitoring anytime anywhere



**Oral appliances** 



### **Clinician-managed solutions**

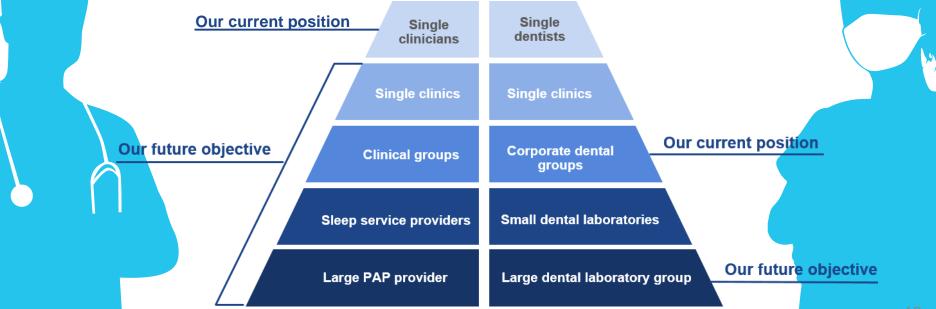
Our innovative product portfolio meets the growing opportunity to bridge the gap between clinicians and dentists

<b>Clinicians only</b>	<b>Clinicians and Dentist</b>	Dentists	
CPAP	Trial device & Sleep Tests	Custom Appliances	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Products include:	Products include:	Products include:	
PAP connection + PAP pump	B&B, Level 3 sleep test + APP	O2Vent Mono, O2Vent T, O2Vent Wings, others in development	

# Distribution channels

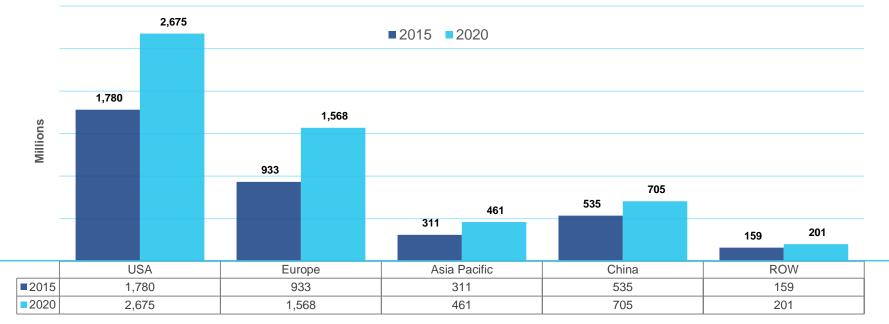
## Sleep clinicians for the trial appliances and PAP connection

### Dentists have been the focus for the initial bespoke oral appliances



## **Market Outlook**

### Current sleep treatment market has been growing at 15-20% CAGR Historically



### Anti-snoring and sleep apnoea device market including CPAP (\$US Million)



#### Core patent issued in Aust & National phase overseas:

WO 2012/155214 Inventor Dr Chris Hart

Title: Breathing assist device

WO/2015/ 149127A1: Breathing Assist Device covers numerous design aspects and additive

manufacturing

National phase:

#### PCT: WO/2017/ 020079A1:

Breathing Assist Device with Tongue Retaining Device

#### PCT: AU2017050271 CN 2016211252195

Titratable design with an airway – allows lower jaw adjustment by the patient

### PROV: AU2016904167:

PAP connectors to the Oventus airway

#### PROV: AU 2016904924

Compliance and airflow sensors



Multiple domain names registered



Trademarks advancing according to Madrid protocol

### Progress over the past year has been strong



## Our aim: to be cash positive by 2019

### **Key Success Measures**

Global roll out through partnerships

Complete product range with expanded independent clinical evidence, with KOLs

Scaled manufacturing for a broader customer base



		FY17 Q4	FY18 Q1	FY18 Q2	FY18 Q3	FY18 Q4	FY19 Q1	FY19 Q2
	CPAP connection – nasal	Product development concludes		ry submission cle ready for market	earance process launch			
	CPAP connection – nasal and oral				bmission clearance for market launch			
New product developments	Trial device – dentist	Product development concludes			mission clearanc for market launch			
	Trial device – Boil & bite	Product deve	elopment con	cludes		mission clearanc for market launch		
	Level 3 sleep test	Product development concludes				Regulatory sub	omission clearance for market launch	process ready
	Airway open/airway closed	Clinical trial comp	oletion		_			
<b>Clinical Trialling</b>	Airway physiology	Clinical t	rial completion	on				
	PAP connection (stage 1)		Clir	nical trial complet	tion			
Key distribution	Dental channel	Key initial partne	rships for eac	ch channel				
partnerships	Sleep channel				Key initial p	partnerships for ea	ach channel	



	Details	Remaining 800 shareholders	
Cash on hand (31/3/17)	\$5,000,000	0.50/	Dr Chris Hart (Founder)
Revenue FY to date	\$347,000	25%	36%
Burn rate January to March 2017 quarter	\$1,500,000		
Capital Structure	Details		
Shares on Issue	72.0m	23%	
Options	3.84 m	Other top 20	16%
Price (8/5/17)	\$0.44	shareholders	
Market Cap	\$31.7m		Other founders

### Shareholders

### Be a part of this revolution in sleep apnoea treatment





Neil Anderson **Managing Director & Chief Executive Officer** <u>neil@oventus.com.au</u> 0403 003 475

Dr Chris Hart

**Clinical Director & Founder** 

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0409 647 496

### **Board and Management**



#### Dr Mel Bridges Non-executive Chairman

Extensive experience as an Executive and Company Director in healthcare, agricultural technology, drug development, pathology, diagnostics and medical devices

Has successfully raised in excess of \$300M investment capital in the healthcare/biotech sector and been directly involved in over \$1B in merger and acquisition and related transactions



#### Ms Sue MacLeman Non-executive Director

Very broad commercial experience in multiple companies – currently CEO of the Medical Technology and Pharmaceutical Industry Innovation Growth Centre

Underpinned by graduate qualifications in pharmacy and post graduate qualifications in corporate governance, commercial law, business administration and marketing



#### Mr Steve Denaro Company Secretary

Experienced Company Secretary and Chief Financial Officer of various public companies and with major chartered accountancy firms in Australia and the UK

Bachelor of Business in Accountancy, Graduate Diploma in Applied Corporate Governance and is a member of the Institute of Chartered Accountants in Australia & New Zealand

### **Board and Management (cont.)**

#### Dr Chris Hart Clinical Director

Experienced dentist with extensive business experience

Heads up clinician engagement for the delivery of the Oventus appliances

Inventor of the core design

**Executive Director** 



#### Mr Neil Anderson Managing Director & Chief Executive Officer

Experienced CEO, project manager, materials scientist and entrepreneur

In-depth skills and knowledge of medical device commercialisation – in the field for over 30 years

Has managed the R&D, manufacturing process and regulatory

**Executive Director** 



#### Ms Elise Hogan VP of Sales and Marketing

Elise has over 20 years' experience as a medical device executive leading the sales, marketing and commercialisation teams in Australia, New Zealand, UK, and Asia

Previously Vice President, Oceania and Asia for LivaNova and was responsible for the establishment and growth of the Australian subsidiary, and numerous product launches and geographical expansion throughout Asia and Australia/New Zealand