## O2Vent®



## **ASX Release**

## **R&D** Tax rebate received

Brisbane, Australia 6<sup>th</sup> November 2019: Oventus Medical Ltd (ASX: OVN) is pleased to announce that is has received a cash refund of \$828,000 from the Australian Taxation Office under the Federal Government's Research and Development (R&D) Tax Incentive scheme.

The refund is from FY2019 research activities which yielded significant product outcomes across the Company's Sleep Treatment Platform. During the period, development of  $O_2$ Vent<sup>M</sup> Optima – Oventus' flagship oral device for the treatment of obstructive sleep apnoea – was completed. The ExVent<sup>M</sup>, a valve accessory to  $O_2$ Vent Optima which provides additional efficacy to those sleep apnoea sufferers who require further intervention was also finalised to the point of registration with Australia's Therapeutic Goods Administration.

CEO, Dr Chris Hart commented, "This R&D tax incentive funding provides Oventus with a valuable non-dilutive cash injection. We are grateful to have the ongoing support of the Australian Federal Government's tax incentive program which assists us with bringing new technologies to market."

-ENDS-

For further information, please visit our website at <u>www.o2vent.com</u> or contact the individuals outlined below.

Dr Chris Hart, Managing Director and CEO: M: +61 409 647 496 or <u>investors@oventus.com.au</u> Jane Lowe, IR Department: M: +61 411 117 774 or <u>jane.lowe@irdepartment.com.au</u>

## About Oventus – see more at <u>www.o2vent.com</u>

Oventus is a Brisbane-based medical device company that is commercialising a unique treatment platform for sleep apnoea and snoring. The Company has a collaborative Sleep Physician/ Dental strategy that streamlines patients' access to treatment. The Oventus lab model incorporates digital technology via intra oral scanning to achieve operational efficiencies, accuracy and ultimately patient outcomes.

Unlike other oral appliances, Oventus O2Vent devices manage the entire upper airway via a unique and patented built-in airway. O2Vent devices allow for airflow to the back of the mouth while maintaining an oral seal and stable jaw position, bypassing multiple obstructions from the nose, soft palate and tongue. The devices reduce airway collapsibility and manage mouth breathing while keeping the airway stable.

O2Vent devices are designed for any patient that is deemed appropriate for oral appliance therapy, but especially beneficial for the many people that suffer with nasal congestion, obstruction and mouth breathing.





The O2Vent allows nasal breathing when the nose is unobstructed, but when obstruction is present, breathing is supplemented via the airway integrated in the appliance.

The ExVent<sup>™</sup> is a valve accessory that fits into the open airway of the O2Vent Optima device, to augment traditional oral appliance therapy by stabilizing the airway. The ExVent valve contains air vents that open fully on inhalation for unobstructed airflow. The valve closes on exhalation, directing the air through the vents, creating the mild resistance or airway support required to keep the airway stable (known as PEEP, positive end expiratory pressure).

According to a report published by the Sleep Health Foundation Australia, an estimated 1.5 million Australians suffer with sleep disorders and more than half of these suffer with obstructive sleep apnoea<sup>1</sup>.

Continuous positive airway pressure (CPAP) is the most definitive medical therapy for obstructive sleep apnea, however many patients have difficulty tolerating CPAP<sup>2</sup>. Oral appliances have emerged as an alternative to CPAP for obstructive sleep apnea treatment<sup>3</sup>. The O2Vent Optima and ExVent provide a discreet and comfortable alternative to CPAP for the treatment of OSA.

<sup>&</sup>lt;sup>1</sup> Deloitte Access Economics. Reawakening Australia: the economic cost of sleep disorders in Australia, 2010. Canberra, Australia. <sup>2</sup> Beecroft, et al. Oral continuous positive airway pressure for sleep apnea; effectiveness, patient preference, and adherence. Chest 124:2200–2208, 2003

<sup>&</sup>lt;sup>3</sup> Sutherland et al. Oral appliance treatment for obstructive sleep apnea: An updated Journal of Clinical Sleep Medicine. February 2014.