



## **dorsaVi launches US-based patient registry for low back pain to support reimbursement plans**

### **Key points:**

- **The registry will recruit over 1,500 US-based low back pain patients in the first 18 months.**
- **The registry steering committee is headed by Washington DC-based Physical Medicine and Rehabilitation Physician, Dr Mehul Desai.**
- **This longitudinal study will utilise dorsaVi's ViMove medical grade sensors to monitor patients' responses to various treatments including medications, injection therapies and surgery.**
- **It is anticipated that the registry will generate a series of medical publications highlighting the importance of ViMove data in the assessment, diagnosis and treatment of low back pain patients.**
- **This registry forms part of dorsaVi's reimbursement strategy for the US market.**

**Melbourne, Australia – 27 October 2016:** dorsaVi Ltd (ASX: DVL) is pleased to report the first patient has been recruited into its US-based Back Pain and Movement Registry. The registry will recruit 1,500 low back pain patients in the first 18 months with the objective of establishing a better understanding of the relationship between body movement, muscle activity, physical function and a range of other factors which are associated with low back pain.

In the United States alone, total costs related to low back pain exceed US\$100 billion per annum.<sup>1</sup> Insurers and other payers are looking for effective treatments which can reduce this significant economic burden and improve patient wellbeing. The registry is an important component in dorsaVi's reimbursement strategy in the US market.

The registry steering committee is headed by Washington DC-based Physical Medicine and Rehabilitation Physician (PM&R), Dr Mehul Desai. Dr Desai's practice, International Spine, Pain and Performance Center, and Synergy Manual Physical Therapy LLC, are the first two registry sites. Other sites across the US are currently being recruited. Ethics approval has been provided by The George Washington University Institutional Review Board (IRB).

"The registry findings will provide an increased understanding of low back pain, creating an opportunity to deliver more targeted and earlier interventions that are more likely to be successful. In the changing US healthcare environment, there is a unique opportunity to demonstrate value using dorsaVi technology from a health economic perspective," said Dr Desai.

"dorsaVi is delighted that a PM&R Physician of Dr Desai's calibre is leading the registry and we look forward to the addition of other high profile sites in the future" said Dr Andrew Ronchi, CEO dorsaVi.

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***About dorsaVi***

dorsaVi (ASX:DVL) is focused on developing innovative motion analysis device technologies for use in elite sports, occupational health and safety, and clinical applications. dorsaVi believes its wearable sensor technology enables – for the first time – many aspects of detailed human movement and position to be accurately captured, quantified and assessed outside a biomechanics lab, in both real-time and real situations for up to 24 hours.

Our technology has applications across three sectors:

- **Clinical:** ViMove is transforming the management of patients by providing an objective assessment, monitoring outside the clinic and immediate biofeedback. ViMove is currently used by medical and physiotherapy practices in Australia and the United Kingdom and is now available in the United States following FDA 510K clearance.
- **Elite Sports:** ViPerform is allowing coaches and medical teams managing elite athletes and teams to screen athletes and provide objective evidence for decisions on return to play, measure biomechanics and provide immediate biofeedback out on the field, tailor and track training programs and optimise technique and peak performance. ViPerform is being used by AFL and NRL clubs and the Australian Institute of Sport (AIS) in Australia. In the UK, Barclays Premier League (EPL), U.S. based sports clubs including the National Basketball Association (NBA) and the National Football League (NFL), and various Olympic teams and athletes internationally.
- **OHS:** We combine innovation, measurement and quality to reduce workplace incidents, costs, meet compliance and improve brand reputation. ViSafe enables employers to assess the risk of injury for employees as well as test the effectiveness of proposed changes to workplace design, equipment or methods based on objective evidence. ViSafe has been used by major corporations including Sodexo, London Underground, Vinci Construction, Crown Resorts, Caterpillar (US), Monash Health, Coles, Woolworths, Toll, Toyota, Orora (formerly Amcor), Crown and BHP Billiton. Australian Workplace Compliance delivers risk mitigation through compliance to OHS, Quality Management Systems, Company Policy and Process.

Further information is available at [www.dorsavi.com](http://www.dorsavi.com).

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<sup>i</sup> Estimating Cost of Care for Patients With Acute Low Back Pain: A Retrospective Review of Patient Records, William Thomas Crow, DO; David R. Willis, DO, MBA. The Journal of the American Osteopathic Association, April 2009, Vol. 109, 229-233.