



New dorsaVi application launched on the ViPerform platform in USA

Key points:

- **Large scale opportunity to screen school and college aged athletes through US clinical group**
- **Applying the same cutting edge technology being used at Golden State Warriors and New England Patriots**
- **Results of the screening test guide the clinician to optimise the prevention program and maximise performance for the athlete**

Melbourne, Australia. 18 August 2016. dorsaVi has partnered with leading US-based sports injury expert, Dr Trent Nessler, to develop a new application which runs on the dorsaVi ViPerform platform. This new application - ViPerform AMI (Athletic Movement Index) - is a scientifically-based dynamic screening program developed to optimise performance in college and school athletes.

The AMI was first developed by Dr Nessler to identify risk of sports injuries, such as anterior cruciate ligament (ACL) rupture, with a view to preventing these injuries. Dr Nessler is the National Director of Sports Medicine Innovation at Select Medical, a large US provider of medical and rehabilitation services with approximately 2,000 sites across the USA.

‘All athletes are different and therefore it is essential that they are assessed precisely to deliver the correct preventative training program which will give them the best chance of staying injury free’ said Dr Nessler.

‘I have been looking for a way to automate an accurate scoring system for human movement and now I have it, the dorsaVi technology is a game changer in the US clinical system. Historically I have needed to use video and manual techniques in an attempt to quantify human movement but these techniques are slow and inaccurate. I now have the ability to capture accurate movement, analyse the results automatically and in an instant be able to socialise this data with the patient and other relevant health practitioners. The executive management of our centres have also been impressed with the passive revenue the assessments are able to bring to the clinical practices’ said Dr Nessler.

dorsaVi’s ViPerform AMI screening application is a series of seven demanding physical tests, which involve a combination of movements which test and assess strength, flexibility, balance, co-ordination, the core, hip, knee, ankle and surrounding muscle groups. The dorsaVi ViPerform wearable sensors are worn during the test to capture the precise angles, speed, direction and consistency of movements.

The proprietary algorithms that underpin ViPerform AMI have been developed and tested over 10 years in athletes throughout USA, Europe and Australia. The pilot study for ViPerform AMI was conducted across 13 US states, and included groups such as Champion Sports Medicine, Troy University, Physiotherapy Associates and Select Medical. This pilot included more than 700 athletes generating 40,000 data points.

The data generated from this pilot research is a valuable commodity in itself, providing new insights which have the potential to shape the direction of sports injury prevention and rehabilitation programs going forward.

Select Medical and their subsidiary, Physiotherapy Associates, have been using ViPerform AML to assess elite high school and college athletes and they plan to continue to target this very large market in the USA.

dorsaVi will make ViPerform AML available to our clinical customers in Europe and Asia Pacific.

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About dorsaVi

dorsaVi (ASX:DVL) is an ASX company 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 objective assessment, monitoring outside the clinic and immediate biofeedback. ViMove is currently used by medical and physiotherapy practices in Australia, the United Kingdom and the United States.
- **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, Cricket Australia and the Australian Institute of Sport (AIS) in Australia. Barclays Premier League (EPL) clubs in the UK and US based sports clubs from the National Basketball Association (NBA), the Major Soccer League (MLS) and the National Football League (NFL) as well as various Olympic teams and athletes internationally.
- **OH&S:** We combine innovation, measurement and quality to reduce workplace incidents, costs, meet compliance and improve brand reputation. ViSafe enables employers to assess 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.