



## ASX ANNOUNCEMENT

13 MARCH 2023



### HITIQ SECURES SALE TO MONASH UNIVERSITY TO BUILD PREDICTIVE ARTIFICIAL INTELLIGENCE MODEL

- > **HITIQ secures sale of 200 Nexus Head Impact Sensors to Monash University to investigate the effects of head impacts in Australian Football;**
- > **Monash University is aiming to pioneer an Artificial Intelligence (AI) model that will translate HITIQ's head impact data into a quantified risk of concussion; and**
- > **Monash University, one of Australia's leading universities for Neuroscience, is globally ranked 44 in the Times Higher Education World University Rankings (2023).**

**Transformative concussion management technology company, HITIQ Limited (ASX: HIQ) (HITIQ or the Company)**, is pleased to announce a commercial agreement with Monash University to supply HITIQ's class leading Nexus head impact sensor technology.

Revenue to be generated under the agreement represents approximately 15% of HITIQ's operating revenues reported for the year ended 30 June 2022.

#### Impactful Research

Monash University has purchased 200 HITIQ Nexus head impact sensors. The HITIQ Nexus head impact sensors will be worn by sub-elite male and female Australian football players. Monash University will utilise the HITIQ head impact sensors in a multi-year, multi project research program that aims to:

- > Quantify head impact exposure in male and female sub-elite Australian football players;
- > Examine the relationship between impact exposure and blood biomarkers of Neuropathology;
- > Develop an artificial intelligence model to translate head impact kinematics into quantified risk of sports concussion; and

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- > Assess the association between head impact exposure and changes in brain white matter integrity.

HITIQ retains exclusive first rights of refusal on any IP or commercial products developed out of the research program that are derived from the HITIQ technology.

**Commenting on the agreement, HITIQ CEO, Mike Vegar, said:**

*"We are excited to collaborate with a world class research team led by Stu McDonald. A key objective for HITIQ moving forward is increasing data capabilities through developing methods to transform our data from descriptive to predictive. Utilising artificial Intelligence methodologies, we believe is the future of prediction and we are eager to be engaging in this space. This extremely progressive research program aims to deliver strong outcomes relating to predictive capabilities."*

**Dr Stuart McDonald, Department of Neuroscience Monash University, Senior Research Fellow and Lead Sports Concussion Researcher, said:**

*"With HITIQ technology in our research program, we can now help to better understand the effects of head impact exposure in Australian football in male and females, and excitingly, build AI models that can hopefully soon be used to predict concussion risk and trigger concussion assessments for individual athletes in real-time. The overall goal is to establish how innovative tools such as the HITIQ mouthguard technology and blood biomarkers can best be used for objective and personalised care for athletes at all levels of sport."*

**- ENDS -**

Authorised for release by the Board of Directors.

**For more information, contact:**

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**About HITIQ**

HITIQ Limited (ASX: **HIQ**) operates in the healthcare equipment sector, providing and further developing a transformative, end-to-end concussion management technology platform. This platform aims to provide a total concussion ecosystem whereby the Company's products support the identification, monitoring and management of sport related brain injury. HITIQ's product suite utilises high-end technology that will span multiple domains – from early detection and surveillance to assessment and rehabilitation technology tools.

HITIQ is targeting a growing worldwide concussion management market including elite and recreational sport, clinical practitioners, military, research, and combat sports. The Company's first commercial partner is the Australian Football League, with current strategy initiatives expanding commercially into Rugby League, Rugby Union, Ice Hockey, Lacrosse, MMA and American Football (particularly the NCAA). The market opportunity globally represents ~500k athletes within the elite market and ~10million in the consumer market.<sup>1</sup>