Advanced Human Imaging Advances Meta-Twin for Real-Time On-Screen Digital Health Assessment

Highlights

- **On mobile-device risk assessment**

- **Interactive Meta-Twin**

- **Real-time personalized health data**

- **Derma Scanning to Launch at CES Las Vegas January 2022**

Advanced Human Imaging Limited (ASX: AHI) (Advanced Human Imaging) is pleased to update shareholders of further advancements in the Company's personalized on-device technology capabilities, including the launch of derma scanning at CES 2022.

With the deep need for digital assessment and diagnostics due to the COVID-19 pandemic, and the need for access to remote care, AHI have advanced the Company's on-device technology suite with the data convergence of risk assessment via the combining of body dimensions, body composition and vital signs.

AHI's partner facing platform *"CompleteScan"* will be the gateway allowing our partners' users access to the offering. These combined captures are uniquely positioned to identify chronic disease risk markers which would normally require an in-person assessment with a care provider. In addition, AHI will demonstrate its derma scanning AI in *"CompleteScan"* with over 500 skin conditions across 133 categories at CES Las Vegas in January 2022.

Vlado Bosanac, Chief Executive Officer of Advanced Human Imaging, said:

"These new advancements in AHI's capabilities have formed part of our long-term strategy over the past 2 years. We accelerated the rollout due to the increase we have seen in the Telemedicine and Telehealth industry due to the COVID-19 pandemic. We are addressing an immediate need posed by incoming enquiries and new partner opportunities across the health, mHealth and insurance sectors. AHI, for want of a better explanation, is becoming a device-based health triage provider by allowing insurers, medical professionals, and healthcare providers to use an advanced tool, that demonstrates an individual's risk markers with speed and convenience. AHI assists in directional decision-making by health professionals at all levels. We have now launched *"CompleteScan"*, allowing a 2-factor triaging process in only minutes.

The AHI assessment avatar is not new to the Company; however, we are now advancing the 2D-3D capture capabilities into our Meta-Twin, with the intention to allow individuals to interact in real-time with their avatar identifying and understanding their assessment of risk at their fingertips in a virtual and augmented reality environment. This will allow either virtual or real-time interaction with the individual's care provider for immediate directionalized triaging of care, with faster, more convenient, and more cost-effective access to better health outcomes."

The branding of these capabilities as "Metaverse" by companies such as Facebook is providing a deeper understanding and acceptance whilst drawing attention to this exciting and innovative way to interact with multiple market segments, whether in virtual reality (VR), augmented reality (AR) or simply on a screen, the promise of the metaverse is to allow a greater overlap of our digital and physical lives in health, wealth, socialization, shopping and entertainment.

The AHI Meta-Twin enlivens a virtual world where digital avatars connect an individual's health data through the *"CompleteScan"* 2D-3D avatar using a screen or VR headsets in an augmented reality setting.

The breakthrough is the result of Advanced Human Imaging's world class machine learning team under the guidance of Dr El-Sallam, a world leader in computer vision, image processing, sport science, exercise, health and fitness, and the proprietary global collection of datasets of human imagery and medical scans obtained by the Company over the past 4 years.

This unique data set and image capturing system puts Advanced Human Imaging at the forefront with respect to other competitors attempting to develop similar capabilities to the AHI patented technology.
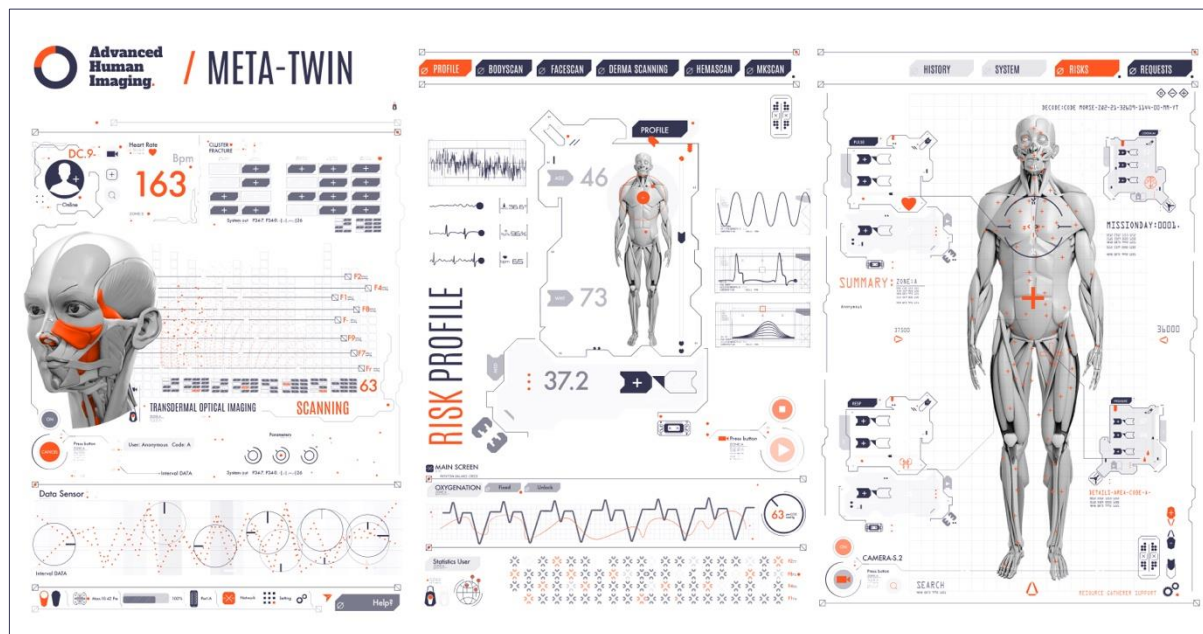
Drawing further attention to the Company's earlier work with respect to the Meta-Twin objectives, in September 2020, AHI announced it had developed the world's first artificial intelligence and machine learning models that are able to mimic an individual's medical images pertaining to body composition (including body fat percentage) via mobile device image capture. While the predicted medical images are not a 100% replacement of an actual medical scan such as the Dual Energy X-ray Absorptiometry (DEXA), they are highly correlated and representative of the actual DEXA scans performed on the medical imaging machine.

Our preliminary analysis of our developed models has shown that the predicted tissue and body fat images that we are able to generate have an average correlation of 95% and up to 97% in subjects with a BMI of 35 or above, compared to actual DEXA images, when ideal conditions are met.

Importantly, the relative body composition distribution is very promising, especially when a user wishes to track their fat or tissue distribution across their body at a single point in time.

What does this capability mean to a user?

It means that a user will not only be given their total body fat percentage, but also where that body fat is distributed across the individuals body at any point in time. The identification of central adiposity (fat around the mid-section) when assessing chronic disease risk is paramount for early intervention of chronic diseases such as Type 2 diabetes and other obesity related diseases.

AHI has now super enhanced this data with the convergence of its proprietary 2D-3D dimension capture and vital signs, bringing to its partners a world first mobile device-based offering of its kind.

For more information please visit: www.advancedhumanimaging.com/

*This announcement has been approved by the board of Advanced Human Imaging Limited.

For more information contact:

Vlado Bosanac	**Nadine Amesz**
Chief Executive Officer	**Operations Officer**
Advanced Human Imaging Limited	**Advanced Human Imaging Limited**
E: admin@advancedhumanimaging.com	E: admin@advancedhumanimaging.com

About Advanced Human Imaging:

AHI has developed and patented a proprietary dimensioning technology that enables its users to check, track, and assess their dimensions using only a smartphone both privately and accurately.

Our goal is to assist our partners by empowering their consumers with this capability. This in return gives our partners the ability to assess, assist, and communicate outcomes with their consumers when navigating day to day life.

Whether this is a personal journey to better health, understanding the risk associated with their physical condition, tracking the changes they are experiencing through training, dieting, or under medical regimes, or simply wanting to be correctly sized for a garment when shopping online. The AHI technology delivers this seamlessly, privately, and cost-effectively only a few minutes.

Our partner benefits from our software as a service pricing solution, that reduces with scale. Integration is made easy with the AHI modular system, based on multiple (SDKs) software development kits, allowing a partner to select the functions, measurements, and displays to suit their individual needs.

AHI has developed this capability by leveraging the power of Computer Vision, Machine Learning, and patented algorithms, to process these images on secure, enterprise-level infrastructure, delivering an end-to-end experience that is unrivalled in the industry. AHI simplifies the collection of measurements and removes the human error present in traditional methods.