



MyFiziq / BCT data study published in globally recognised Nature Research journal

Highlights

- Unique data set developed and owned by BCT.
- Scientific data used to build the MYQ/BCT technology.
- First published study of the correlation between DXA derived visceral fat and anthropometric measurements on the Australian population.
- Validation of the Company's scientific approach to its screening capabilities.

MyFiziq Limited (ASX: MYQ) ("MyFiziq" or the "Company") would like to inform shareholders that Body Composition Technologies Pte Ltd ("BCT"), MyFiziq's 51.45% owned joint venture partner, has had its visceral fat validation study conducted by the University of Western Australia published in world-renowned Nature Research journal Scientific Report.

Title: DXA reference values and anthropometric screening for visceral obesity in Western Australian adults

Journal: Scientific Reports

Open access link: www.nature.com/articles/s41598-020-73631-x

Scientific Reports considers original research from all areas of natural and clinical sciences and focuses on publishing papers of high technical and scientific quality. The DXA data presented in this publication is the dataset that was developed and used to train, validate, and test the MYQ/BCT in-device machine learning models for body circumference and composition predictions.

Scientific Reports is an open access Nature Research journal and is the 7th most-cited journal in the world.

The publication of this DXA data, in an internationally respected journal which focuses on scientific rigor, highlights the quality of the methods and processes used to collect this data.

Highlights of the paper include:

1. First published study of the correlation between DXA derived visceral fat and anthropometric measurements on the Australian population.
2. The ability to identify people with increased visceral fat mass, who may be at increased risk of metabolic and chronic diseases.
3. Recommendations for the use of waist circumference and percent body fat to screen and identify people with high levels of visceral fat.

The findings identified that there is a high correlation between certain anthropometric measurements and VAT mass. In particular, the study confirmed that, in men, waist circumference (WC), waist-hip ratio, and waist-height ratio (WHtR) had 'high' correlations with VAT mass. In women, only WHtR was 'highly' correlated with VAT mass.



Overweight thresholds for WC, along with a body mass index of 25.0 kg/m² in women, had the highest combination of sensitivity and specificity when using anthropometry measures to identify individuals with high VAT mass. This supports the use of accurate and accessible measurement of these anthropometric measurements to identify people with increased visceral fat and associated health risks.

Vlado Bosanac Group CEO said:

“This is a significant milestone for the company and validation of our scientific rigor when developing our technology and unique data sets. It also acknowledges our approach to using anthropometry measures, including waist circumference, as a scientifically agreed method to identifying chronic disease risk within a population. Our ability to screen people at home on their personal device in complete privacy, is significant and the publication has given this deep consideration and as such has accepted the science as publishable due to its high standard.”

About Nature Research

Nature Research aims to serve the community by publishing the most significant discoveries and findings that advance knowledge and address global challenges.

Over 50,000 manuscripts are assessed for quality and integrity each year by Nature Research, with less than 10 % of these accepted for publication. Articles published in Nature Research journals have contributed to some of the world’s most notable scientific discoveries and have played critical roles in advancing science and addressing global challenges.

Nature Research has an extensive influence and reach with Nature Research journal articles mentioned in over 9,000 policy documents and mentioned on twitter over 3 million times in 2019.

Nature's [original mission statement](#) was published for the first time on 11 November 1869.

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About BCT

Body Composition Technologies (BCT), a 50% owned joint venture company with MyFiziq, is focused on developing a cost effective, easily accessible, and reliable smartphone-based body composition and anthropometric measurement tool for governments, insurers, medical organisations and the medical research markets.

We strive to deliver a private, cost effective and accurate method for our users to identify, classify and monitor some of the primary markers of chronic diseases such as type 2 diabetes, coronary heart disease and stroke. This early screening, assessment, and long-term monitoring of the primary markers of chronic disease, is essential for reducing the spiralling healthcare costs and improving the quality of life for billions of people worldwide.

We work with our partners to give them better engagement and understanding of their consumer / populations whilst empowering them through our technology to make better health decisions which in turn will deliver better health outcomes and lower mortality rates.



About MyFiziq:

MyFiziq has developed and patented a proprietary dimensioning technology that enables its users to check, track, and assess their dimension using only a smartphone 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 MyFiziq technology delivers this seamlessly, privately, and cost-effectively in under one minute.

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

MyFiziq 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 unrivaled in the industry. MyFiziq simplifies the collection of measurements and removes the human error present in traditional methods.

For more information please visit: www.myfiziq.com