



LBT INNOVATIONS

Company profile

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LBT Innovations is an Australian medical technology company which is publicly listed on the Australian Stock Exchange (ASX: LBT). Using artificial intelligence (AI) to deliver automation in healthcare, the company has developed a patent protected machine learning and intelligent imaging platform technology to deliver the only FDA cleared instrument utilizing AI technology in clinical microbiology. The Automated Plate Assessment Systems (APAS®), automates the imaging, image analysis, interpretation and reporting of growth on microbiology plates after incubation. The APAS Independence instrument improves the clinical efficiency of microbiology laboratories and enables faster diagnosis and reporting of infectious diseases. This AI platform has been extended to automate the assessment of chronic wounds. LBT has developed a hand-held prototype device that automatically calculates the surface area, volume and tissue classification of long-term chronic wounds to assist nurses and clinicians in determining treatment options. There is significant potential for use in telehealth and LBT are looking for partners to further extend the AI platform into new areas of clinical need.

Speaker Profile

Brent Barnes, CEO

Brent is a medical technology enthusiast, with global experience in highly regulated Class II and Class III devices (implantable devices and AI automation in healthcare). In 2016 Brent became CEO and Managing Director of LBT Innovations.

Prior to this Brent spent 11 years as a Senior Executive in a variety of roles at Cochlear Limited (ASX:COH), the global leader in implantable hearing devices. During his tenure, he lived in the US, Singapore and Sydney, running a variety of global business functions. Prior to joining LBT he was the Director Asia Growth Markets & Operations for Asia Pacific where he grew the implantable hearing market across 12 countries in Asia over five years.



Brent is also a non-executive director of Connek Pty Ltd, a telecommunications company that sub-contracts specialist services to leading blue chip telecommunications companies working on the national rollout of Australia's National Broadband Network.