Dec 13, 2020

Smart Soft Ltd. announces the addition of Douglas Beall M.D. in its Medical Advisory Board working on CoLumbo project – the first and unique machine learning algorithm based on fully convolutional neural networks that are capable of reading MRI lumbar spine images.

Dr. Beall received his M.D. from the Georgetown University School of Medicine in Washington in 1993. After that, he worked as a radiologist and Division Chief in the United States Air Force and an Associate Professor for the University of Oklahoma before transitioning to his role as Chief of Services for Clinical Radiology in Oklahoma.

"I am very excited to join Smart Soft's CoLumbo Medical Advisory Board. Columbo is an AI software that can interpret a lumbar spine MRI. Not only detects pathology, but it generates a radiology report as well. Combined with treatment recommendations, I can see this becoming a unique and extremely useful see-and-treat tool.", said Dr. Beall.

About Smart Soft Ltd.

Guided by the corporate values of creativity, simplicity, and affordability, SmartSoft is a leading automated MRI lumbar spine assistant system developer. The company has been growing in its field for the last ten years and has been profitable all this time. Smart Soft develops CoLumbo – a unique machine learning algorithm based on convolutional neural networks capable of reading MRI spine images and assisting the radiologists in generating pathology-driven reporting, thereby saving significant time to this frequently recurring work. The main object of CoLumbo is to provide workflow enhancement with a reduction of interpretation time of at least 25% and at the same time to reduce the errors.

The clinical trials of CoLumbo finished successfully in 2020, and CE and FDA clearance are expected in 2021.

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