

April 23, 2020

Smart Soft Ltd., is pleased to announce the addition of Lawrence Tanenbaum M.D. FACR as a Medical Advisory Board Lead in its CoLumbo project – a unique machine learning algorithm, based on fully convolutional neural networks which are capable of reading MRI spine images.

Dr. Tanenbaum received his M.D. from the University of California, School of Medicine in San Diego. After that he completed his residency and fellowship training in diagnostic radiology at the University of Southern California. Since 2015, he is Vice President and Chief Technology Officer; Director of MRI, CT and Advanced Imaging and at RadNet, Inc. From 2008 to 2015, Dr. Tanenbaum worked as an Associate Professor of Radiology and as a Director of MRI, CT and Outpatient / Advanced Imaging Development the Icahn School of Medicine at Mount Sinai School of Medicine in New York. Prior to 2008, Dr. Tanenbaum served as the Director of MRI, CT and Neuroradiology at the JFK Medical Center, New Jersey Neuroscience Institute.

Dr. Tanenbaum is a long-term collaborator to the medical imaging industry, with interests in developing applications of AI and machine learning. He is author of over 100 scholarly and peer reviewed articles and continues to chair educational and academic meetings and has delivered about 2000 invited lectures around the world.

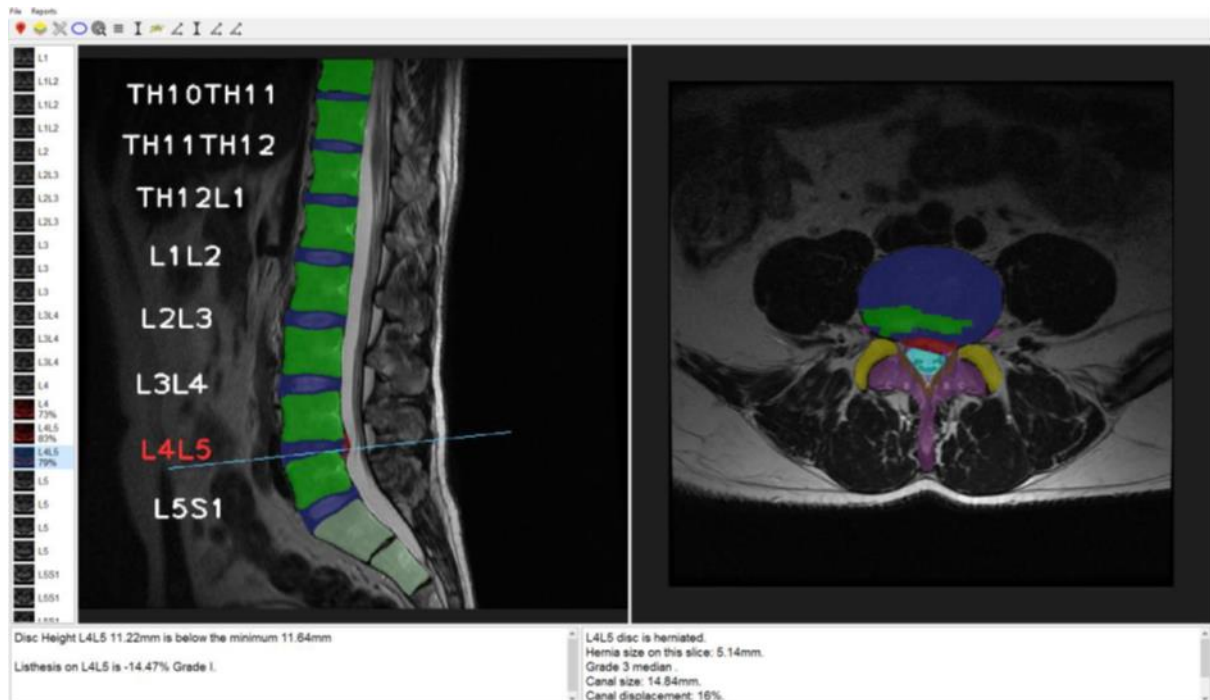
“I am excited to lead the Smart Soft’s CoLumbo Medical Advisory Board”, said Dr. Tanenbaum. “I’m convinced in the potential of AI based algorithms like CoLumbo to contribute to the radiologist’s work and to decrease the time needed for manual measurements, examination, writing of a report and consultancy. CoLumbo also has the potential of reducing the errors of omission and to improve the accuracy.”

About Smart Soft Ltd.

Guided by the corporate values of creativity, simplicity and affordability, SmartSoft is a leading developer of automated MRI lumbar spine assistant system. 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 which are capable of reading MRI spine images and assist 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 reduction of interpretation time of at least 20% (examination review and description of findings) for herniation, stenosis, listhesis, lordosis and reduced disk height.

CoLumbo is being clinically evaluated by various radiology departments and CE and FDA clearance are being planned for 2020 and 2021 respectively.



“With his vast experience in medical imaging and neuroradiology Dr. Tanenbaum will contribute to the experience and knowledge in our team. We are glad to have him as a Medical lead and to advise and guide the CoLumbo project” said Nedelcho Georgiev, CEO of Smart Soft Ltd.

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