

## Aidence CT Lung Nodule CAD system

Aidence is a company developing a radically new approach to computer assisted diagnosis for radiologists based on deep learning. <http://aidence.com/>

Our lung nodule CAD system is based on a deep convolutional neural network. The network is trained end-to-end on a subset of studies from the National Lung Screening Trial (NLST, <https://biometry.nci.nih.gov/cdas/nlst/>) with additional annotation provided by our in-house radiologists. The LIDC data set was used for validation purposes only, and was not used as training data.

Due to the intellectual property associated with our system, additional details cannot be released at this point.

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