Machine Learning
for automatic landmark detection

Short description:

Application of learning techniques for the automatic detection of anatomical landmarks in thoracic CT(A) images.

Goal:

Goal of this work is to use (3D) deep learning techniques to automatically detect landmarks, ideally both in healthy subjects as well as patients with defined medical conditions, such as aortic dissection.

The work will be conducted with the ***Graz Center of Computational Engineering*** (https://gcce.tugraz.at/) and sees the collaboration of medical experts from ***Med Uni Graz*** and ***Stanford School of Medicine*** (USA).

Biomedical engineers are also welcome!

Keywords: Medical Imaging, Deep Learning, Landmark Detection

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More information about the project can be found at https://biomechaorta.tugraz.at/