Chest Imaging Platform

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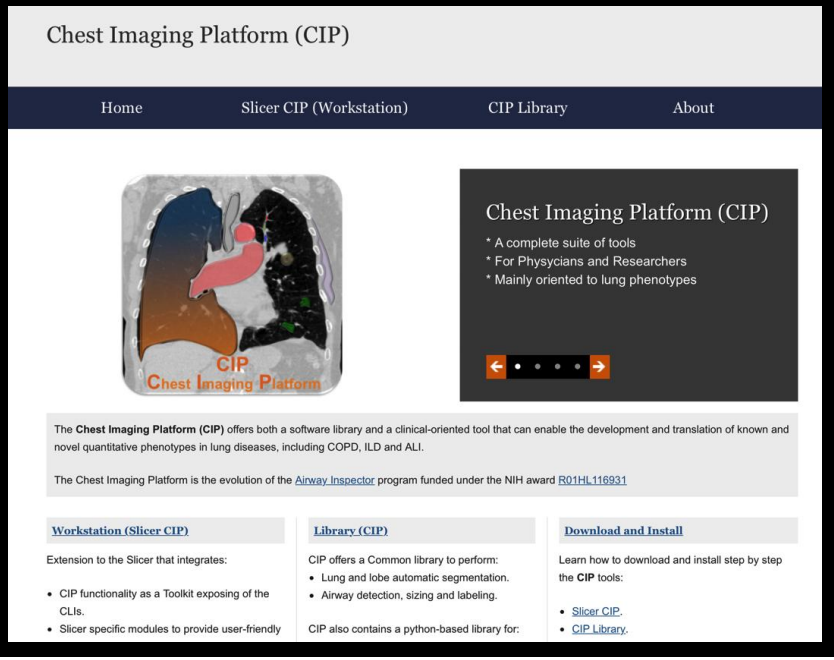


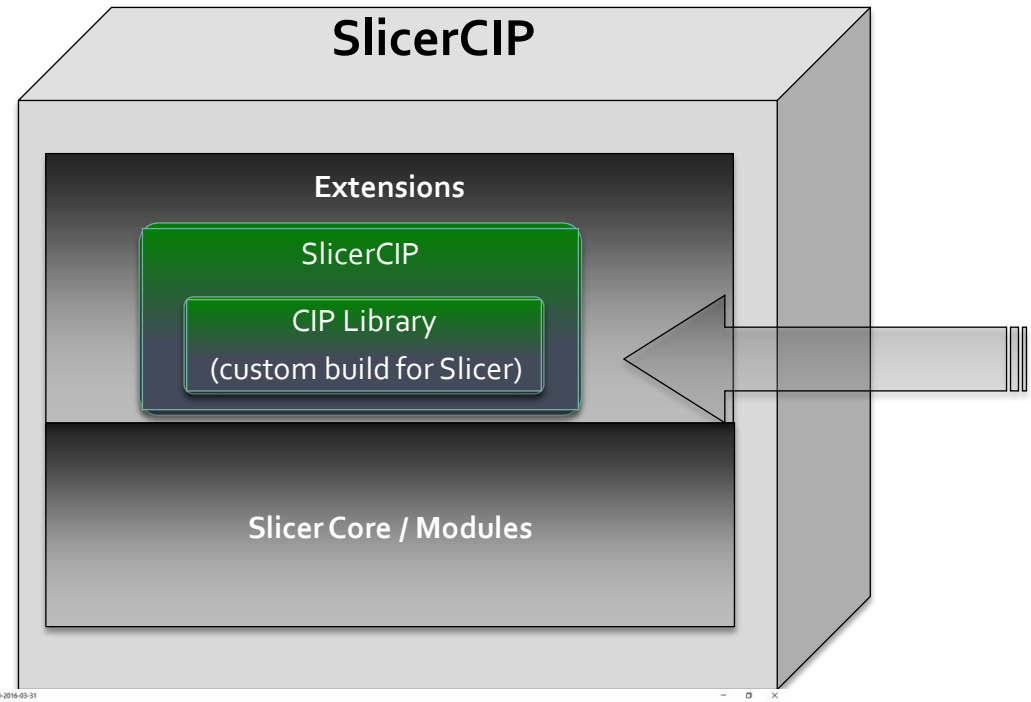
www.chestimagingplatform.org

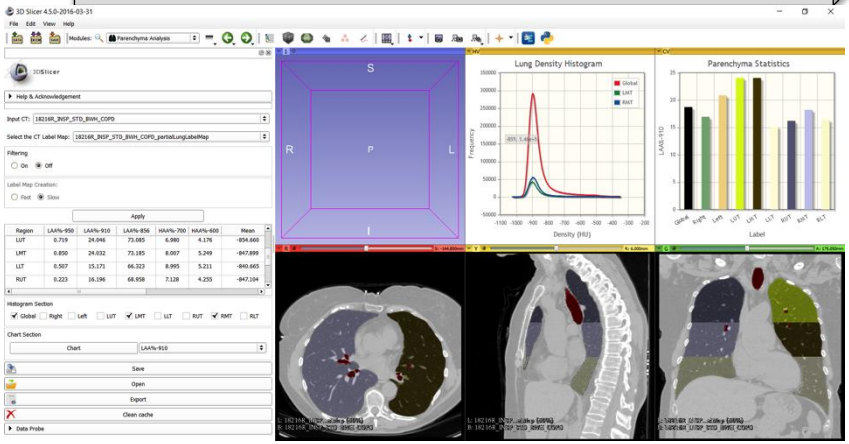
OSCI Meeting, Frankfurt

Enabling Lung Imaging Research

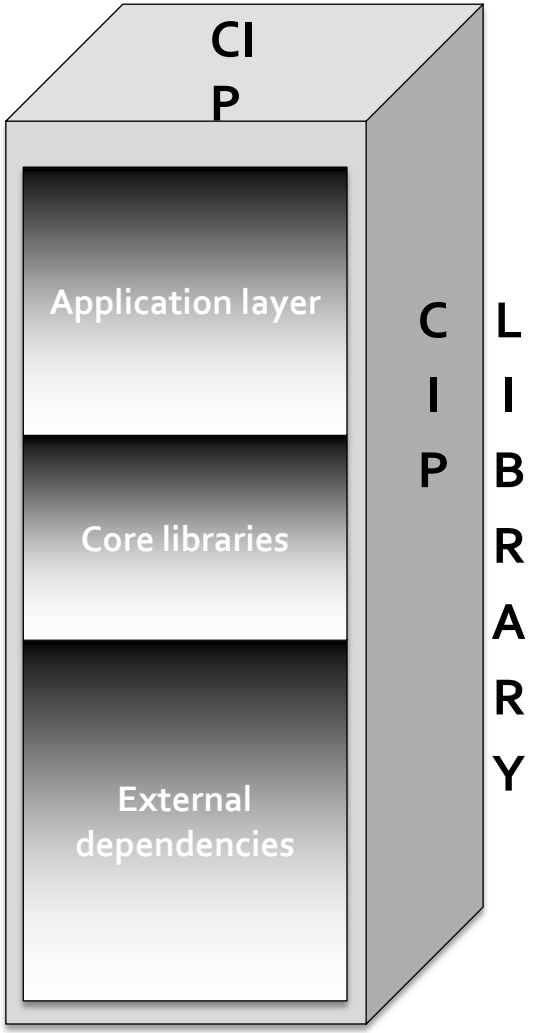
- Dual role in an open environment to enable translation
  - **Software Library (CIP)**: Empowering algorithm development
  - **Workstation (SlicerCIP)**: Enabling clinical pilot studies for image-based biomarkers
- Multiplatform environment: Windows, Linux, OSX
- Continuum Testing infrastructure to facilitate product integration
- 2,000 downloads in the last year
- Over ~120 publications and 10 international collaborations

For clinicians and developers

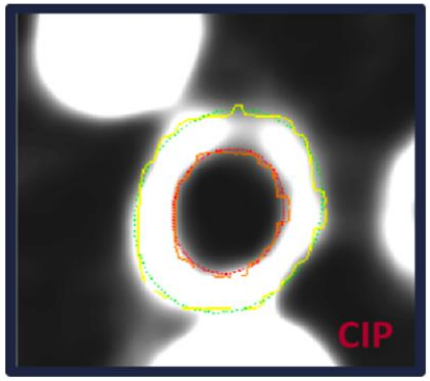




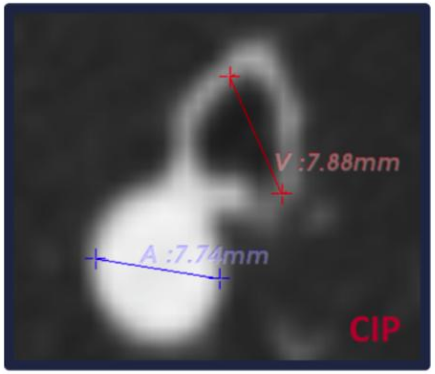
For developers



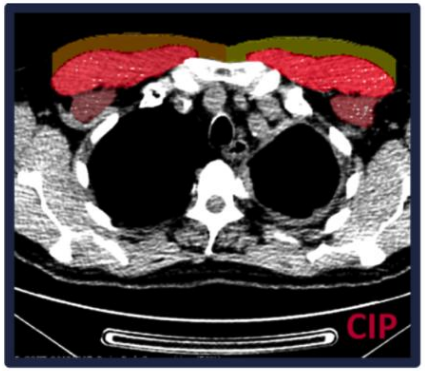
Integrated SlicerCIP Modules



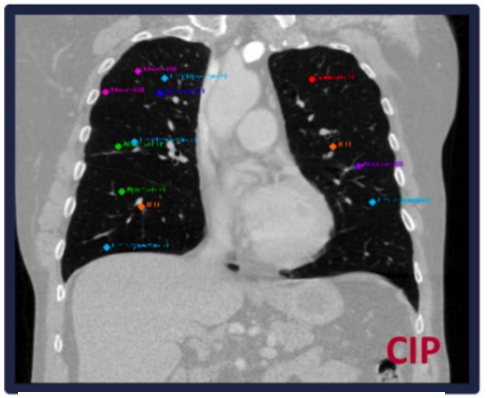
Airway Inspector



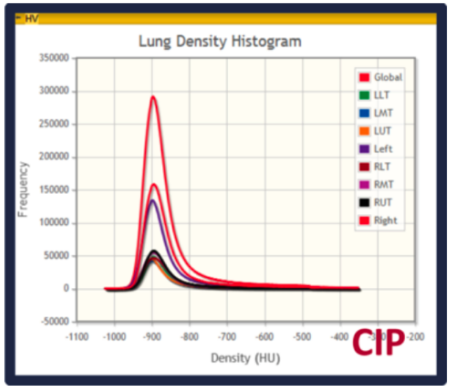
Artery Vein Ratio



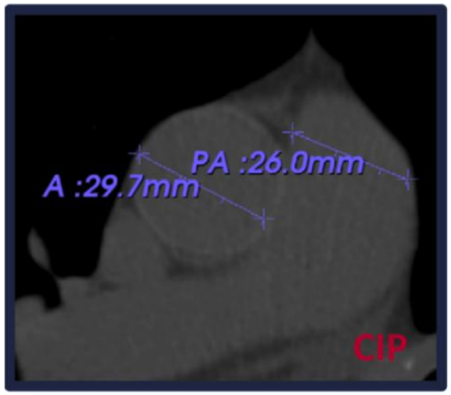
Body Composition



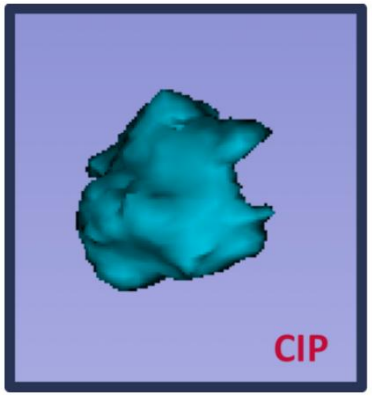
Parenchyma Annotations



Densitometry



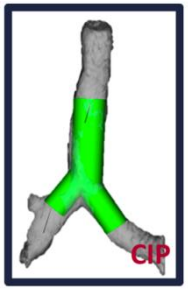
PA:A Ratio



Lung Lesion Analyzer

Interactive Lobe segmentation

MIP Viewer



Trachea Stent Planning

https://goo.gl/HX8E6B