



Imalytics

From images to insights

Imalytics is a powerful and flexible workstation to maximize the value of your imaging-based translational research. It allows you to go from images to insights in an intuitive and efficient way.

innovation ✨ you



Imalytics Research Workstation

PHILIPS










The next generation of software in translational research:

- Great flexibility: Freely combine tools and apply results on images from different points-in-time or modalities.
- Extensive customization: Integrate your favorite DICOM tools or even your self-developed algorithms into the platform.
- Intuitive workflow guidance: Focus on your research tasks – no need to worry about configuration.
- Image centric approach: Keep the overview on all series and data through the whole workflow.
- Comprehensive and reproducible results: Export all obtained tables and graphs to any worksheet or statistics program.
- Qualified support: Develop together with us yet unavailable tools, which you require for your specific research topics.

Great features for great insights:

- Wide-ranging environment for fused multimodality visualization in 2D and 3D
- Automatic rigid and non-rigid co-registration
- Advanced segmentation tools
- State-of-the-art image processing algorithms
- Feature extraction from dynamic data
- Multiparametric and statistical analysis
- Additional specialized modules to address specific research questions

Imalytics also offers specialized tools for specific and complex research applications:

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FUNDAMENTALS
 Flexible toolbox for registration, segmentation, processing, visualization and quantitative measurements on images
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VOXULUS
 Accurate pharmacokinetic modeling at high computation speed
- 
STRATOS
 Intuitive 2D and 3D image-based solution for voxelized dosimetry
- 
CAD4D
 State-of-the-art brain metabolism evaluation for FDG or Amyloid PET
- 
MULTIVIEWER
 Comprehensive longitudinal reviews at a glance
- 
MODEL BASED SEGMENTATION
 Framework for the fully automatic organ segmentation in multimodal images
- 
PVC
 Partial volume correction for the exact activity quantification in nuclear medicine imaging

Caution: For data research only. Not for patient diagnosis or patient treatment planning

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