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
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:

- **FUNDAMENTALS**
  - Flexible toolbox for registration, segmentation, processing, visualization and quantitative measurements on images.
- **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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