Features, Functions, and Specifications of MultiImaging System



Albira PET

Industry Leading Resolution, High Sensitivity

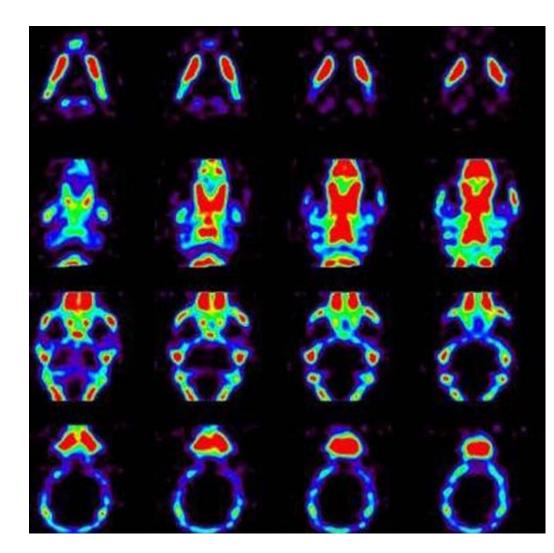
- Spatial resolution of <1.1 mm (CFOV)
- Accurate measurement of DOI
- Sensitivity >9% with 3 detector rings
- Average energy resolution of 14%
- Axial FOV up to 148 mm with 3 rings
- Full CT integration with automatic image fusion



Albira SPECT

Rapid and High Resolution

- Sensitivity of up to 1000 cps/MBq
- High spatial resolution of up to 0.6 mm
- Broad energy range: 30-400 keV
- Main energy resolution of 14% at 140 keV
- Acquisition times below 30 min with 60 projections
- Reconstruction times below 5 min



Albira CT

Accurate, Quantitative, Easy to Use

- Quantitative data presented in Hounsfield units for accurate CT measurements
- 10-50 kVp X-rays optimized for small animal imaging
- Spatial resolution up to 90 um
- Transaxial and axial FOVs of 70 mm.
- Image reconstruction using the FBP (Feldkamp) algorithm within just 1 minute.



CTSoftAndBone.avi

Software Package

Albira Suite

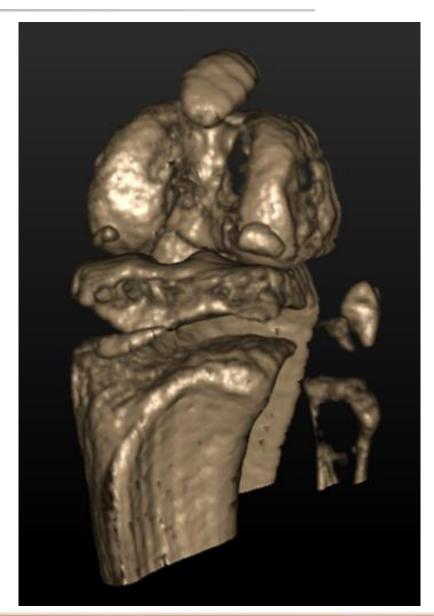
- Acquirer: data acquisition
- Reconstructor: 3D image reconstruction
- Manager: system configuration/ data administration
- Supervisor: system quality control and calibration

PMOD

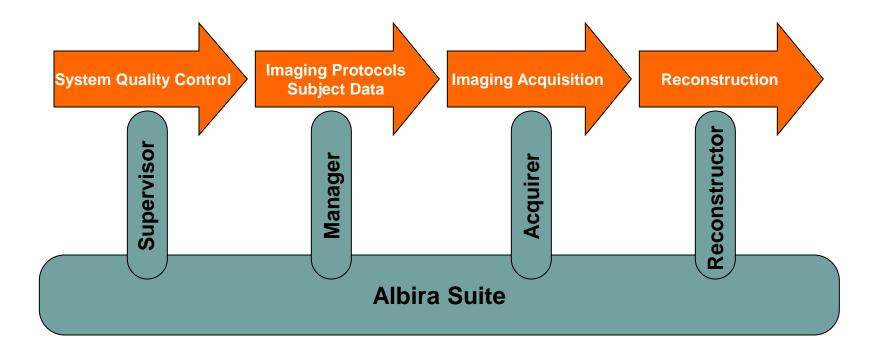
- Imaging viewing
- Quantitative VOI analysis
- Image fusion
- Kinetic modeling

VolView

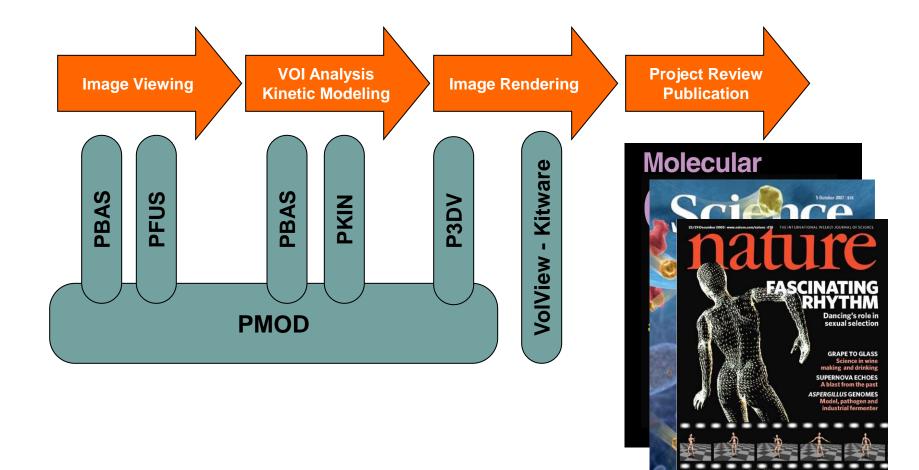
- High quality rendering
- Simple multi-modal overlay



Software for Complete Imaging Workflow



Software for Complete Imaging Workflow



Albira - Acquirer

Acquirer				Ø System ONØ CT OFF	Bec	l out 🛛 🔀
Study Study Code STD 430 Study Name Estudio Nuevo 430 Study Description Study Description				Researcher Dr. Luis Alberto Medina Velázquez	Protocol Nore	B Start Study 📀
		Study	/ Details			
Subject	Acquisitions					
Subject Rai2	PET/SPECT		Initial Horizontal	Initial Vertical		
Orientation HeadProne D Add	Name	Description	Position	Position		
Weight 0,0 gr.						
Compound						
Compound Tc99						
InjectionTime 12:01						
Injection Date 19:05/4019 New		_				Add
Dose 0,0 µCi	ст					
Drugs	Name	Description	Initial Horizontal Position	Initial Vertical Position		
Anesthesia		- 10 - 12	FUSHION	Position		x
Dose 0,0 ml						
Analgesia						
Dose 0,0 mi						
Other / Comments New Drug						Add
						Carestream

Albira - Reconstructor



Albira - Manager

Ibira Manager		Drugs Phenotypes Compounds Isotopes
experiments Subjects and Studies Prot	ocols Acquisitions Administration	
Users		
arch		
Name	→ Information	Iccupation
Dr. Luis Alberto Medina Velázquez		westigador
Dra. Patricia García López	Lab. Famacología Ir	westigadora
Juan Pablo Cruz Bastida		ísico
M en C Enrique Pérez Cárdenas		vestigador en ciencias Médicas
Test	Test	
	Delete	User Edit User New User
ystem	Delete	User Edit User New User
ystem	Delete Folder Layout Date/Subject/Study	User Edit User New User
tystem		User Edit User New User

Albira - Supervisor

Powerful Easy to Use Software Solutions

- Single-click multimodal acquisitions and rapid reconstructions
- Comprehensive suite of administrative tools to assign user privileges
- Designed for the researcher with your workflow in mind
- Optimized, proprietary, fully parallelized reconstruction algorithms
- Automated multi-modal image fusion of PET/CT or SPECT/CT images
- Image segmentation
- Powerful multi-parameter kinetic modeling including Monte Carlo methods
- Open architecture/DICOM compatible
- Dedicated computers/storage devices for acquisition, reconstruction, and data storage to drive throughput at every step of the imaging workflow



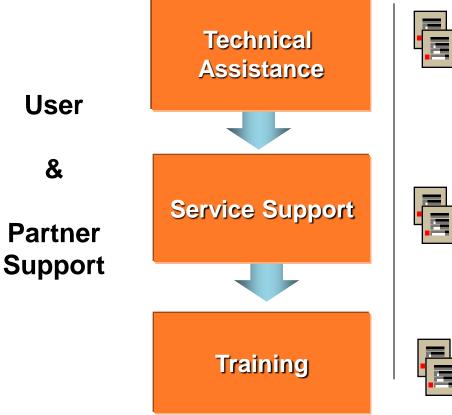
Global Services

Service and support

- Our global service team includes 1150 field engineers and 250 customer support agents
- Professional Services guide and support implementation of healthcare solutions and drive improvement in customer processes & workflow
- Service personnel are trained and located for timely maintenance and quick response to keep products and customers at peak performance



Global Services Model



- Trained clinical and pre-clinical specialists
- Provide telephone, e-mail and remote access support
- Factory Certified Technician's
- Provide Field Service Options and **Depot** options
- Tiered Services Levels & Contracts



- Installation Training and Support
- Application Consulting Services

Levels of Service

Premium Service Plan

- Unlimited field service repairs (parts/labor)
- A Preventative maintenance visit including system calibration
- 48-72 business hour response
- Unlimited tech support including remote access support
- Free software maintenance updates

Basic Service Plan

- One remedial visit (parts/labor included)
- A preventative maintenance visit
- 48-72 business hour response
- Unlimited tech support including remote access support
- Free software maintenance updates
- 10% off of billable parts and labor

Preventative Maintenance

- A preventative maintenance visit including system calibration
- 10% off of billable parts and labor

Thank you!

