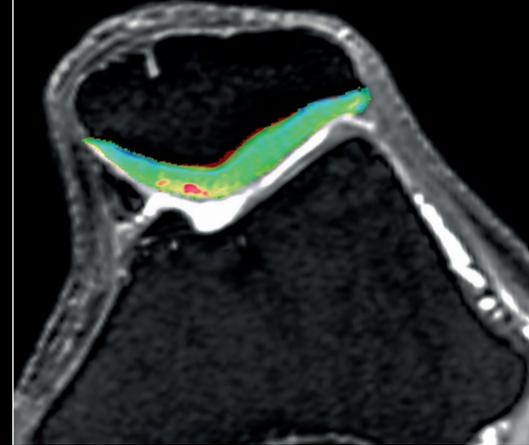
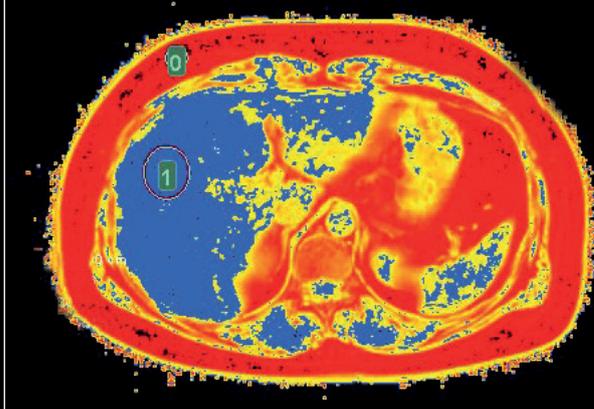
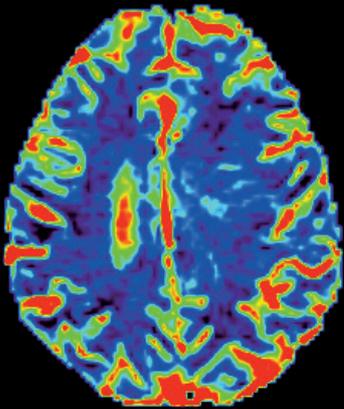


EXPERT PACKAGE



Our Expert package is your unique solution to manage on the same platform neurology, oncology, MSK and metabolic disorders imaging.

INCLUDED CONTENT

Diffusion: automatically computes diffusion maps

Automatic presets: motion correction | noise reduction | background segmentation
Automatic computed maps: ADC | Isotropic | Exponential
Customizable configuration: spatial smoothing

IVIM: automatically quantifies micro-perfusion with diffusion only

Automatic presets: motion correction | noise reduction | background segmentation
Automatic computed maps: ADC | D | D* | F
Customizable configurations: computation model | bayesian method | max/min values
computes non-acquired diffusion b-values

Automatic presets: motion correction | noise reduction | background segmentation
Computed maps: computed b-value | user can set multiples b-values without limitation
Customizable configurations: computation model | max/min values

DTI: automatically computes DTI maps

Automatic presets: motion correction | noise reduction | background segmentation
Fiber Tracking: track from ROI or seeds | exhaustive search
Automatic computed maps: Mean difusivity | Axial difusivity | Radial difusivity | FA | RA | VR | Tracts
Customizable configuration: spatial smoothing

Perfusion: automatically and accurately computes perfusion maps

Automatic presets: motion correction | AIF | VOF | baseline | noise reduction | skull & background segmentation
Automatic computed maps: CBF | rBV_{corrected} | K2 | MTT | TMAX | TTP | TMIP
Customizable configurations: deconvolution methods | bayesian computation | downsampling | relaxivity | spatial smoothing | hematocrit

Permeability: automatically and accurately computes qualitative & quantitative maps

Automatic presets: motion correction | AIF | baseline | noise reduction | background segmentation
Automatic qualitative computed maps: Washin | Washout | Peak | SER | AUC | TME | Peak enhancement | Curve washout
Automatic quantitative computed maps: Ktrans | Kep | VE | VP
Customizable configurations: DCE models | early signal index | downsampling | relaxivity | spatial smoothing | hematocrit

ASL: automatically quantifies cerebral blood flow without contrast agent

Automatic presets: motion correction | quantification configurable based on sequence parameters | background segmentation | spatial smoothing
Automatic computed maps: ASL-perfusion-weighted | ASL-blood flow
Customizable models configurations: CASL | PCASL formula | PASL (Q2Tips-QUIPSS II) formula

Relaxometry: automatically quantifies relaxation time

Automatic presets: motion correction | background segmentation | noise reduction
Automatic computed maps: T1mapping | T1Rhomapping | T2mapping | T2*mapping

Metabolic: automatically quantifies fat fraction map

Automatic computed maps: Fat fraction
Compatible with: 2-point Dixon sequence | Multi-point Dixon sequence

Collage: Stitching & binding tool

Whole-body spine | Lower limb angios | whole-body oncology
Creation of unique volume from multi-volumes or multi-stations b scan

Analysis MR: quick assessment of full dataset

Visualization: 2D, 3D | fusion | MPR
Dedicated reports: PI-RADS v1 or v2
Assessment: ROI | VOI segmentation | measures
Communication: key images | screen captures | export to PACS | export to .csv file

Longitudinal Analysis Mono: easily compares and tracks evolution

Automatic rigid 3D co-registration for different exams
Subtraction map across-time and sequences
Graphically compare volumes & values evolution
Compare view: visualize at the same time multiple exams across time

Longitudinal Analysis Multi: easily compares and tracks evolution for same patient from different dates and modalities

Automatic rigid 3D co-registration for different exams

Graphically compare volumes & values evolution

Compare view: visualize at the same time multiple exams across time

breastscape® v1.0: intuitive environment for breast MR characterization and follow-up

Automatic subtraction

4D automatic MIP mode

Automatic metrics computation

3D, MIP, MPVR, 3D volume rendering

Lesion follow-up: MR, US, MG DICOM series

Integrated BI-RADS® Atlas report

CLINICAL SPECIALTIES COVERED

Brain tumor, MR stroke, head & neck, breast, prostate, rectum, MSK, female pelvis, spine

OTHER AVAILABLE SOLUTIONS

Cardio package: vendor-independent post-processing solutions for CMR cases

Cartilage segmentation: knee cartilage segmentation and 3D thickness rendering

breastscape® v1.0 biopsy extension: MR guided breast interventional procedure planning assistant

Olea Nova+™ v1.0: advanced MR post-processing plug-in to automatically compute conventional images from a standard protocol

Texture: advanced post-processing plug-in to perform multimodal texture analysis (PET/MR, MR, PET, CT)

Brain segmentation package: MR post-processing plug-ins to provide quantitative measurements from MRI brain studies

Stroke package: complete post-processing solution for stroke care

Olea Vision®: unique solution to easily and productively review MRI and CT images

REQUIREMENTS

System & Software Requirements

Operating System	Windows Desktop (x64): 7 / 8 / 10 (x64) Windows Server (x64): 2008 / 2008 R2 / 2012 / 2012 R2 / 2016 / 2016 R2
Software	Microsoft Visual C++ 2012 Redistributable (x64) Microsoft Visual C++ 2015 Redistributable (x64) PDF Reader

Stand-alone

CPU	Intel® Core / i7 / Xeon processor with 4 cores at 3.0+ GHz or 6 cores at 2.4+ GHz supporting SSE4.2 instructions
Memory	32 GB
GPU	Graphic card with at least the technical specs below: - Memory Type : GDDR5 - Core Clock Speed : 1500MHz - Memory Clock Speed : 8000MHz Compatibles GPU Series: - Nvidia GeForce (Series Kepler, Maxwell, Pascal, Turing) - AMD ATI (Series Radeon Rx)
Storage	150 + GB
Network	1 Gb Ethernet port

Server

CPU	Intel® Core i7 / Xeon processor with 4 cores at 3.0+ GHz or 6 cores at 2.4+ GHz supporting SSE4.2 instructions
Memory	12 GB
Storage	150+ GB
Network	1 Gb Ethernet port

Thick client

CPU	Intel® Core / i7 / Xeon processor with 4 cores at 3.0+ GHz or 6 cores at 2.4+ GHz supporting SSE4.2 instructions
Memory	32 GB
GPU	Graphic card with at least the technical specs below: - Memory Type : GDDR5 - Core Clock Speed : 1500MHz - Memory Clock Speed : 8000MHz Compatibles GPU Series: - Nvidia GeForce (Series Kepler, Maxwell, Pascal, Turing) - AMD ATI (Series Radeon Rx)
Storage	5 GB
Network	1 Gb Ethernet port

Note: Olea Sphere® 3D rendering is not optimal with Nvidia Quadro Series.

OLEA MEDICAL®

ZI Athelia IV - 93, avenue des Sorbiers
13600 La Ciotat - FRANCE
PH +33 4 42 71 24 20 - FX +33 4 42 71 24 27
www.olea-medical.com

Olea Sphere® v3.0, breastscape®v1.0 and Olea Nova+™ v1.0, medical imaging post-processing software, are medical devices manufactured and marketed by Olea Medical®. These medical devices are reserved for health professionals. These software programs have been designed and manufactured according to the EN ISO 13485 Quality management system. Read the instructions in the notice carefully before any use. Instructions for Use are available on <http://www.olea-medical.com/en/>
Manufacturer: Olea Medical® S.A.S. (France). Medical devices Class IIa / Notified body: CE 0459 GMED.
Texture and Cartilage segmentation are intended for research use only. Not for diagnosis use.
BI-RADS® ATLAS is a registered trademark of American College of Radiology (ACR). All Rights Reserved.
Texture plug-in: Copyright 2017 Harvard Medical School
Olea Nova+™ v1.0 is CE marked and not FDA-cleared

**IMPROVED
DIAGNOSIS
FOR LIFE**