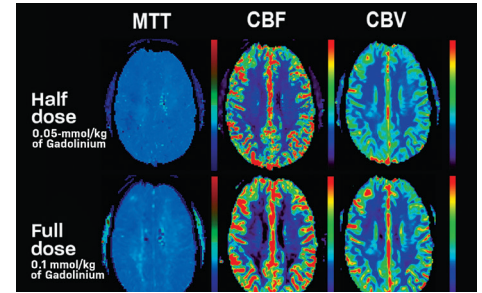
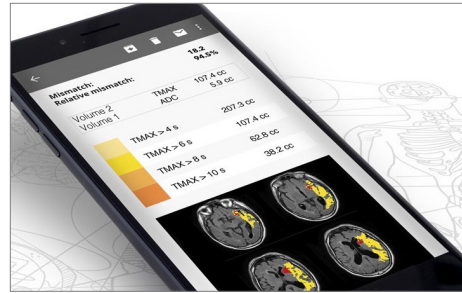


Olea Pulse® Stroke Applications



Olea Pulse* is a fully automated CT/MRI post-processing application that streamlines acute care patient stroke protocols.

Key Features

- Instant volumetric estimation of infarct, penumbra and mismatch ratio
- Multiple volumes automatic computation
- Unique dynamic thresholding perfusion maps to visually assess hypoperfused area
- Automated and customizable stroke report

Expert Options in the CT and MR Applications

- Automatic midline detection
- Optimized artifact removal
- Management of 2D islands

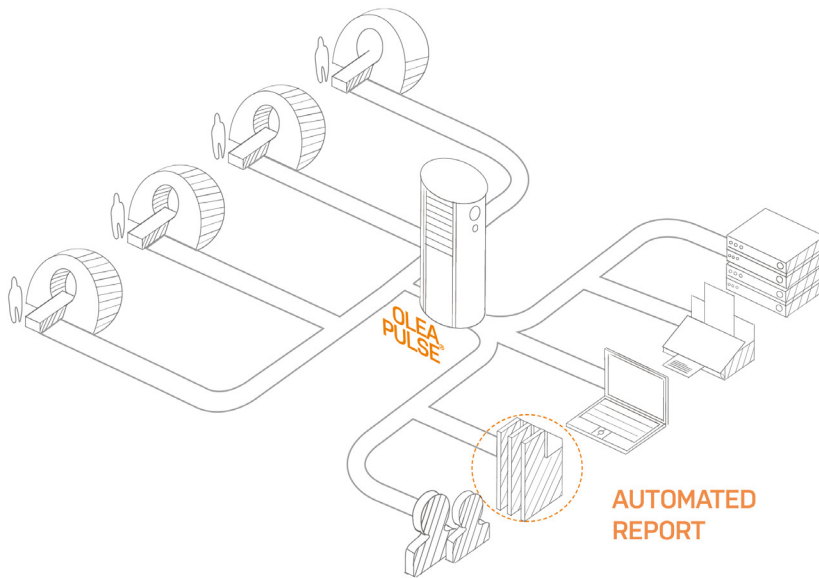
Bayesian Method: A Game Changer in Contrast Dose

By halving the contrast dose for brain perfusion, Olea Medical changes the game in post-processing with significant benefits both for patients and healthcare providers†:

- Qualitative and quantitative results comparable with full-dose protocol ones
- Reduction of contrast agent-related risk for patients
- Reduction of overall healthcare costs
- Comparison between half-dose and full-dose results:
 - Half-dose (HD) = intravenous injection of 0.05-mmol/kg of Gadolinium
 - Full-dose (FD) = intravenous injection of 0.1 mmol/kg of Gadolinium

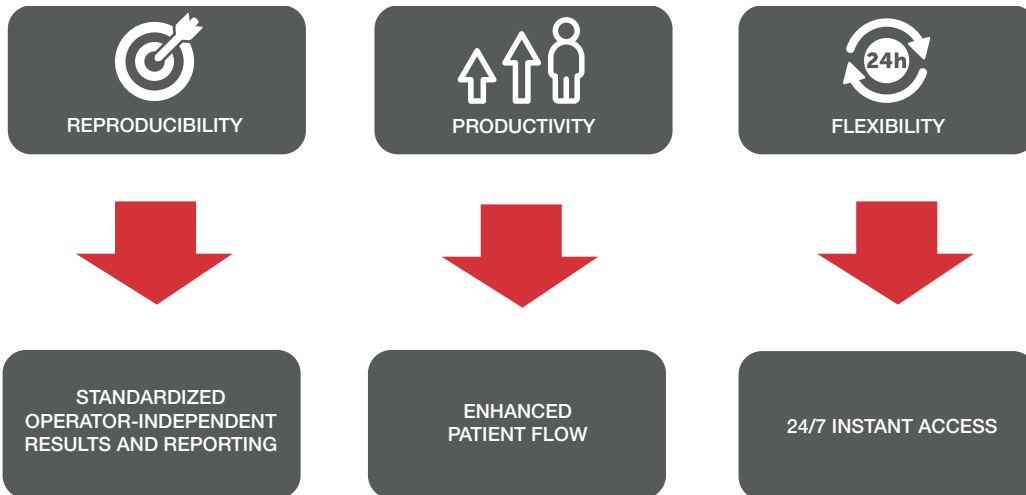
Enhanced Confidence and Productivity With Olea Pulse

Olea Pulse provides instant report delivery by email. This action comes with unique features for online post-processing monitoring.



- Dataflow Monitoring
- Automatic email reporting
- Automatic push back to PACS

Olea Pulse is designed to enhance:



Automation and Transparency

Olea Pulse is not a black box. Users have full access to the full set of post-processing options, parameters, maps and metrics, anywhere, anytime. Users are in control of the post-processing process, which enhances confidence.

Tested and Trusted Solution

Reporting Around the Clock

“It is completely automatic, it is 7 on 7 and 24 hours a day; so we are a lot faster. So the advantage is that, in our large group, radiologists do not have to wake up, do not have to come to the hospital anymore; so it is completely automatic, and we can see it offline; we can see it at home and make the report from home. And that is something not possible with the other vendors.”

- Patrick Seynaeve, MD, AZ Groeninge Hospital, Kortrijk, Belgium

Speed

“For stroke, it doesn’t make sense for software to take another 10 minutes for post-processing; with Olea, it is basically 1 minute.”

- Kambiz Nael, MD, Icahn School of Medicine at Mount Sinai, New York, USA

* Olea Pulse is the offline processing service of Olea Sphere® v3.0.

† Source: Nael K, Mossadeghi B, Boutelier T, Kubal W, Krupinski E.A, Dagher J, Villablanca J.P., Bayesian Estimation of Cerebral Perfusion Using Reduced Contrast-Dose Dynamic Susceptibility Contrast Perfusion at 3T. AJNR Am J Neuroradiol. 2015 Apr;35(4):710-8.

Olea Medical

ZI Athelia IV | 93, avenue des Sorbiers - 13600 La Ciotat - France | Tel+ 33(0)4 42 71 24 20 - FAX +33(0)4 42 71 24 27 | contact@olea-medical.com

Marks not owned by Vital Images, Inc. are the property of their respective holders.

Vital Images, Inc., a Canon Group company, is a leading provider of health imaging informatics solutions, including: advanced visualization, enterprise image viewing solutions and imaging intelligence technology designed to help healthcare organizations deliver exceptional care while optimizing resources across multi-facility organizations.

Made For life

Vital Images, Inc. | 5850 Opus Parkway, Suite 300 | Minnetonka, MN 55343 | USA | +1 866.433.4624 | Vital Images Europe | Zilverstraat 1 | 2718 RP Zoetermeer | Netherlands | +31 79 206 5800