



Improved diagnosis for life™

Olea Medical, the NIH/NINDS and the Stroke Center of La Timone University Hospital in France collaborate to define PWI/DWI thresholds to better assess salvageable penumbral areas

La Ciotat, France, November 6th, 2009 – Olea Medical, the NIH National Institute of Neurological Disorders and Stroke (NINDS) Section on Stroke Diagnostics and Therapeutics, and the Stroke Center of La Timone University Hospital in France will collaborate to define efficient thresholds of diffusion and perfusion maps with a view to accurately assessing salvageable penumbral areas.

Olea Medical (www.olea-medical.com) provides innovative imaging software solutions to help stroke physicians make fast and accurate diagnosis of acute stroke. NINDS (www.ninds.nih.gov) is the United States' primary supporter of biomedical research on the brain and nervous system.

As part of this collaboration, NINDS scientists, led by Dr. Steven Warach, will be using PerfScape™ and NeuroScape™, Olea Medical's FDA-cleared software, in a prospective study comparing mismatch calculations produced with the Olea software versus qualitative evaluations of mismatch using MRI scanner provided images only.

In a proof of concept study, Warach and colleagues reported that processing acute MRI studies is feasible using the Olea software.

About Olea Medical

Olea Medical designs and markets innovative acute stroke imaging applications that significantly improve the diagnosis process of acute stroke. Olea Medical aims to become the leader in providing safe & accurate medical imaging software allowing physicians to make faster and improved diagnosis, thus saving lives.

PerfScape™ allows to compute instantaneously perfusion maps from raw MRI data with unparalleled quality and not machine-dependent as it works on all MR scanners used in your hospital (Siemens, Philips, Toshiba, GE...).

NeuroScape™ makes an instant multiparametric analysis of all series of images given by the MR scanners, and enables physicians to calculate the lesion volume, hypoperfused volume, and the mismatch diffusion/perfusion ratio.

For more information about Olea Medical, please visit www.olea-medical.com

About the NIH – NINDS

The National Institute of Neurological Disorders and Stroke (NINDS) conducts and supports research on brain and nervous system disorders. Created by the U.S. Congress in 1950, NINDS is one of the more than two dozen research institutes and centers that comprise the National Institutes of Health (NIH). The NIH, located in Bethesda, Maryland, is an agency of the Public Health Service within the U.S. Department of Health and Human Services. NINDS has occupied a central position in the world of neuroscience for more than 50 years.

The mission of NINDS is to reduce the burden of neurological disease - a burden borne by every age group, by every segment of society, by people all over the world.

For more information about the mission and activities of NINDS, see the NINDS Overview, please visit <http://www.ninds.nih.gov/>