

Intelligence in Medical Technologies



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The best tool to assess Intima media thickness (IMT) and individual cardiovascular risk from your PACS

Customizable solution PACS connected, on own or distant virtual machine, to measure and report complete Ultrasound Vascular analysis, and individual cardiovascular risk assessment. Risk-free Pay-per-click business model

Why integrating M'Ath^{PACS} into your PACS environment

It provides demanding practitioners and healthcare organizations with a non-invasive, cost effective method to measure IMT, plaque areas and stenosis degree, and to evaluate cardiovascular risk, with

- Accurate, semi automated, harmonized measures of atherosclerosis at each evolution stage
- Efficient and user friendly medical reports
- Individual IMT measures related to normal values between 35 and 75 years old, to express risk level

How to Integrate M'Ath^{PACS} into your PACS

A smooth integration to the workflow of any PACS environment provides an optimal user experience

- M'Ath^{PACS} is placed on a virtual machine (VM) of the customer, or on a private Cloud
- Up to 5 PACS configurations, including AE Title, IP address and port number, can be set for sending and receiving data.
 - PACS users send DICOM images for M'Ath^{PACS} post processing
 - M'Ath^{PACS} readers automatically retrieve images to be processed
 - It automatically sends processed DICOM images and reports to the PACS, readily available for all authorized parties

Clinical Background and Benefits

Carotid Intima-Media Thickness (CIMT) is a proven independent marker of early atherosclerosis, and a reliable long-term predictor for Stroke and Myocardial Infarction (MI) risks. Carotid Total Plaque Area (CTPA) and Stenosis degree are proven indicators of the severity of the atherosclerosis.

M'Ath^{PACS} allows time efficient, cost effective and accurate measurement of these markers of each stage of the natural development history for the atherosclerosis disease.

Attractive revenue - Risk free business model

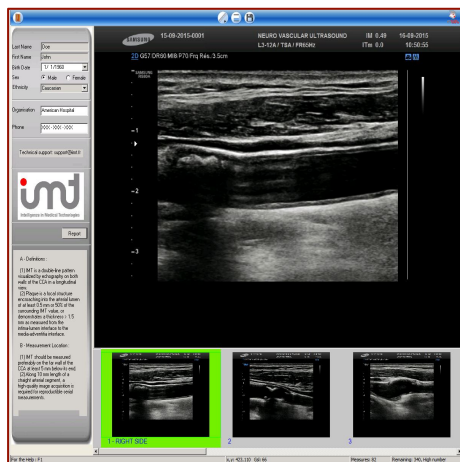
Effective 1/1/15, this diagnostic exam is subject to US - CPT code 93895, "Quantitative carotid intima media thickness and carotid atheroma evaluation, bilateral". It is not yet subject to reimbursement. Our medical device is FDA 510(k) cleared.

With M'Ath^{PACS}, all practitioners equipped with a PACS and an ultrasound device can offer the test on a fee-for-service basis.

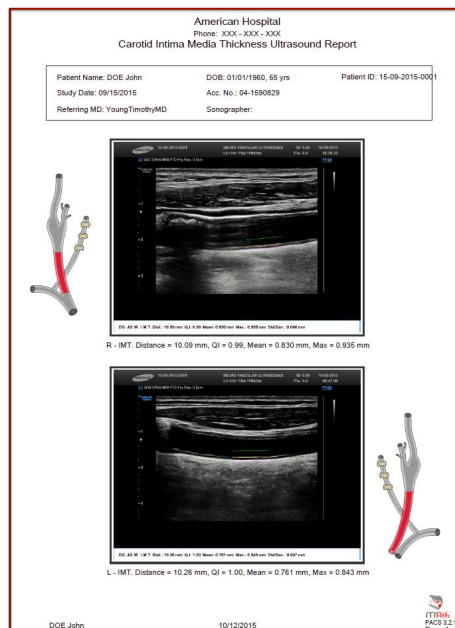
It is ubiquitous, time efficient, reliable & reproducible. Real-time, or on a post-processing basis, it allows for time & cost effective, standardized measurements and reports.

Our business proposal comprises a free-of-charge installation & trial period, trainings -for-a-fee, and pay-per-click measures. It is a risk free model. Once tested and approved, measurement credits are purchased in advance and provided upon orders within 48 hours.

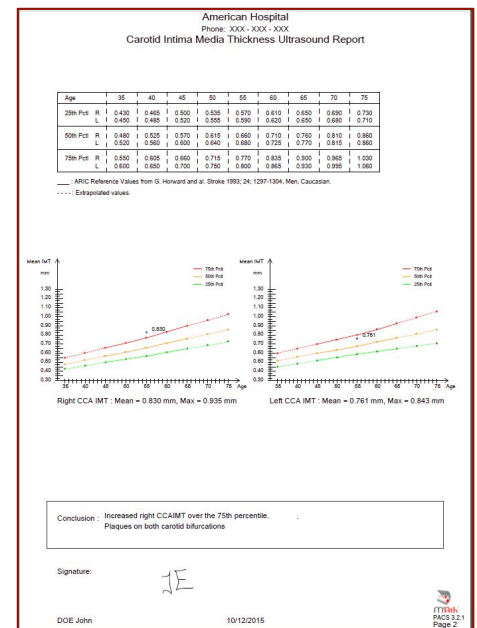
Selection and IMT measurement



Report: Right & Left CCA



Report & Graph with reference values



Call +33 145 781 111 or 401 345 8823 (US), or mail to imt@iimt.fr for a discussion or trial period