



# OncoQuant™

Robust tools for routine Oncology diagnosis, treatment follow-up, reporting and clinical trial management.



Oncology follow-up exams make most of routine studies. Due to the expanding breadth of data associated with today's multi-modality, multiple time-point Oncology studies, reviewing these exams can be time-consuming and labor-intensive. AW's OncoQuant application is designed to help organize and display your Oncology data to facilitate your quick review. Both your routine comparisons and advanced clinical evaluations may benefit from the OncoQuant workflow to navigate through findings and interact with results.

## Overview

OncoQuant medical diagnostic software streamlines Oncology reading so you can spend less time retrieving studies and preparing exams, and more time reading and reviewing. A true cross-modality Oncology reading platform, OncoQuant helps you correlate and compare CT, MR, PET/CT, and 3D X-ray data. It automates workflow to facilitate comparisons over time and makes reviewing follow-up exams efficient. The Oncology Review protocol and follow-up wizard simplify your assessment, characterization and measurement of findings on the basis of morphologic criteria.

## Highlights

- Automatic multi-modality image registration at loading for two or more exams.<sup>1</sup>
- Adaptable workflow supports standard criteria such as RECIST 1.0, 1.1,<sup>2</sup> WHO.<sup>3</sup>
- Dedicated automatic review protocols helping to identify and load like series.
- Right-click menu workflow measurements at baseline and follow-up.
- Intuitive, interactive Summary Table.
- Single-click Quick Report displaying up to four dates including Baseline, Nadir, Prior, and Current exams.



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## Features

- Automatic Registration/ Synchronization<sup>1</sup>.
- Intelligent review, comparison, and follow up with dedicated protocols.
- Multimodality cases management with no upper limit on the number of exams.
- Advanced Visualization tools:
  - Autocontour tool provides consistent contouring.
  - Lung VCAR algorithm for lung nodules in CT.<sup>4</sup>
  - Capture any finding as a structure of interest using the standard arrow tool.
- Summary table:
  - Baseline and follow up management
  - Drag and drop follow up wizard.
  - Target type selection
  - Customizable Morphological Criterion for routine and research.
- Saves and reloads image and measurements of prior Oncology exams.
- Exports DICOM and non DICOM images of findings, measurements.
- Quick report of the entire review including up to the 4 major dates (Baseline, Nadir, Prior, Current).
- Statistical results export in CSV format for data analysis.

## System Requirements

- Available on AW Server 3.1 and above and recommended monitor resolution is up to dual 2MP (1600 x 1200) or a single 3MP (1536 x 2048).
- Available on AW4.7 and above.

## Pre-requisite software:

- Integrated Registration is required for Automatic Registration and Synchronization.
- Lung VCAR is required for lung nodule segmentation and Digital Contrast Agent (DCA).

## Indications for Use

OncoQuant is medical diagnostic software that allows the processing, review, analysis and communication of 3D reconstructed images and their relationship to originally acquired images from CT, MR, X-Ray Angiography, and PET scanning devices. The combination of acquired images, reconstructed images, annotations and measurements performed by the clinician are intended to provide to the referring physician clinically relevant information for diagnosis, surgery and treatment planning, and follow-up over time.

## Regulatory Compliance

This product complies with the European Council Directive 93/42/EEC Medical Device Directive as amended by European Council Directive 2007/47/EC.

## References

- <sup>1</sup> Integrated Registration option required.
- <sup>2</sup> RECIST is a guideline to perform clinical trials. Rules and guidelines can be found on the official website <http://www.eortc.org/investigators-area/recist>
- <sup>3</sup> See WHO criteria in the publication: Measures of Response: RECIST, WHO, and New Alternatives, J Clin Oncol 24:3245-3251.
- <sup>4</sup> Lung VCAR option required.

