INDEC
Medical Systems

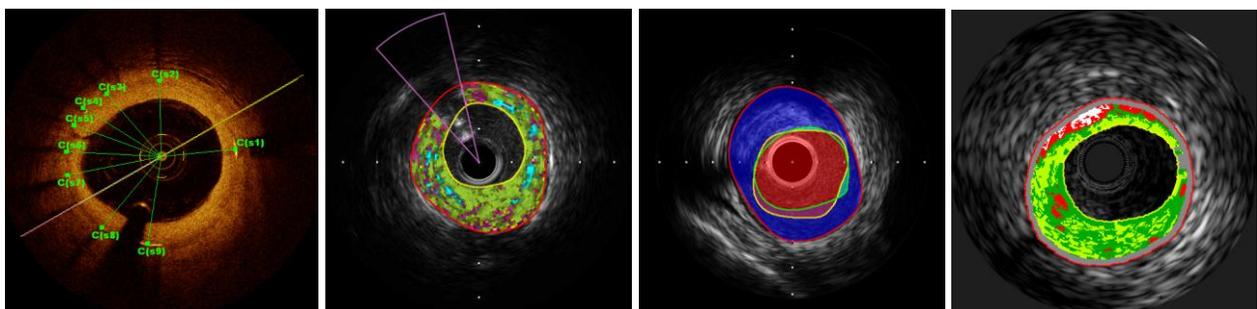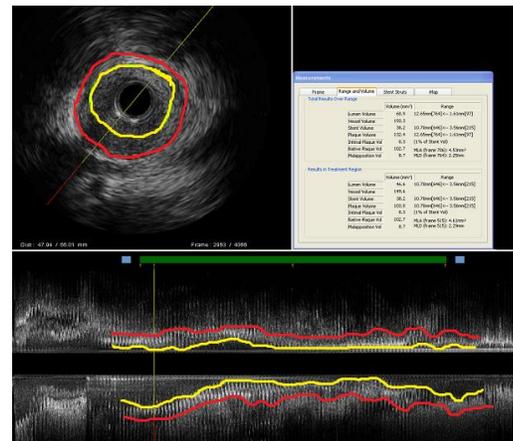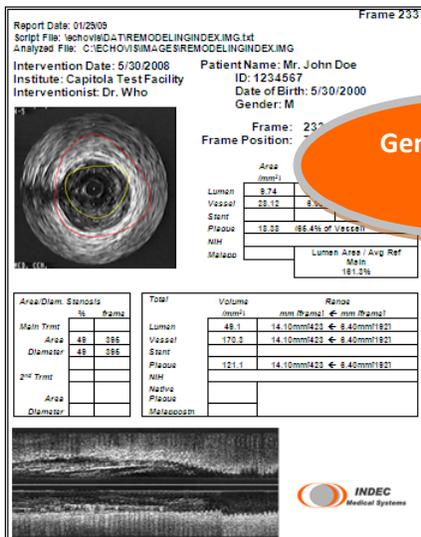ECHOPLAQUE 4.0

echoPlaque

INDEC's echoPlaque 4.0 software is now a powerful <u>online and offline</u> analysis application for IVUS and OCT images. Its enhanced features include image review, vessel segmentation, 2D and volumetric measurements, patient and detailed numerical reporting, tissue classification, and stent strut analysis. echoPlaque 4.0 offers a new, comprehensive set of in-depth, yet easy-to-use, tools for IVUS, iMap, VH, and OCT image analysis.

A FEW OF THE KEY FEATURES:

- **Full support for tissue classification using Volcano VH or Boston iMap**
- **Images automatically calibrated, patient demographic and study information automatically read**
- **Load existing measurements generated on IVUS console**
- **Obtain 2D and 3D measurement results including diameters, areas, angles, and volumes of the lumen, vessel, stent, plaque, and malapposition over multiple treatment and reference regions**
- **Draw and edit lumen, vessel, and stent borders on transverse or longitudinal view**
- **Stent strut counting, classifying, and measuring**
- **Semi-automated contour and guide wire detection and automatic interpolated contour creation**
- **Bookmark and generate quick patient reports**
- **Automatic creation of detailed spreadsheet measurement reports and log files**
- **Save measured case as a new DICOM file or echoPlaque file for further analysis or review**
- **Supports a variety of file formats including DICOM, AVI, and echoPlaque files**
- **Compatible with INDEC's Liberator database software for easy store and query/retrieve of cases.**
- **Can be integrated with an existing hospital PACS system**
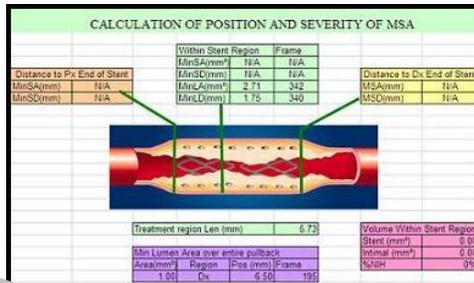- **Software is validated with published references throughout the world**

INDEC Systems, Inc., 4701 Patrick Henry Drive, Building 24, Suite 2401, Santa Clara, CA 95054
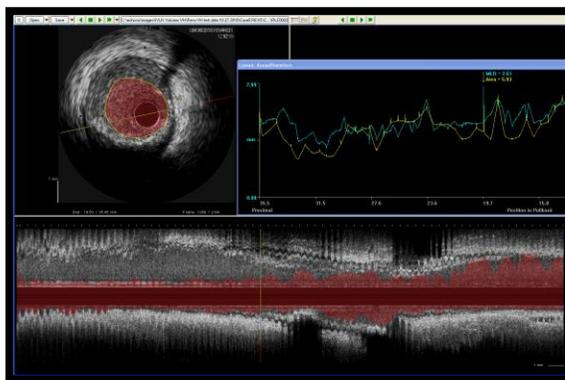**Tel: 1-408-986-1600 www.indecsystems.com**

VH is a trademark of Volcano Corporation
iMap is a trademark of Boston Scientific Corporation and is not available in the US

Generate Patient Reports

Detailed Spreadsheet Results

echoPlaque 4.0 offers an extensive storage, analysis, and reporting olution for your IVUS and OCT cases. echoPlaque contains a sophisticated suite of border detection and editing tools – borders can be automatically detected, drawn or edited on the longitudinal, or traced on the transverse using spline-based or freehand methods. Results can be exported to simple patient reports or to more detailed, in-depth spreadsheets.

A new Frame Jump Menu accelerates navigation by immediately identifying and navigating to key frames such as Minimum Lumen Area or Minimum Stent Area. A wide selection of border editing tools; multiple measurement output options; a classic, standardized set of image views and navigation controls; a variety of user settings; and dozens of keyboard shortcuts make echoPlaque the most convenient, easy-to-use, and efficient analysis system on the market.

Supports all current IVUS and OCT systems.

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