

Co-registration

XA – IVUS & OCT

The powerful combination of angiographic roadmap and intravascular details

Seamlessly integrated in the cathlab workflow



Why co-registration?

Angiography is used during every procedure and gives a clear overview of the coronary tree.

IVUS and OCT provide a very detailed picture of the inside of the vessel under investigation.

Co-registration integrates angiography and IVUS/OCT to provide the most detailed view of the lesion related to its exact location in the coronary tree. Co-registration facilitates optimal assessment of the landing zone of the stent.

Seamlessly integrated into the cathlab workflow

Co-registration is easily integrated into your standard cathlab workflow.

Angiography images are sent **directly** from the X-ray system to the co-registration workstation. IVUS or OCT images are streamed **real-time** during the pullback, from the IVUS/OCT system to the co-registration workstation.

When the pullback is finished, co-registration is ready to be used.

Key product features

- Two way co-registration of angiography with IVUS and OCT
- Intervention planning by indication of stent size and desired position
- Add bookmarks to indicate important vessel sections
- Access to all functionality in CAAS QCA 3D and INDEC echoPlaque.

Co-registration requires two angiographic images preferably orthogonal, or at least with a difference of 30 degrees in rotation and/or angulation. The intravascular pullback must be motorized.

Based on state of the art technologies

Co-registration is based on the well-established CAAS QCA 3D and INDEC echoPlaque solutions. Both have been independently validated on accuracy and reproducibility. Combining the technology of both applications brings co-registration straight into your cathlab workflow.

The co-registration is vendor independent and works with all major cathlab, IVUS and OCT manufacturers.



Pie Medical Imaging BV
Becanusstraat 13D
6216BX Maastricht
The Netherlands

tel +31 (0) 43 328 13 28
fax +31 (0) 43 328 13 29
mail pmi@pie.nl
web www.piemedicalimaging.com



INDEC Medical Systems Inc.
4701 Patrick Henry Drive, Suite 2401
Santa Clara, CA95050
United States

tel +1 408 986 1600
fax +1 408 986 1605
mail info@indecmedical.com
web www.indecmedical.com