## Your Challenges





Standardization of ultrasound protocol

Avoid manual entry of data measurement





Share information between users

Visualize disease evolution and follow up over time



Activity monitoring of your echo lab

## Our solution

The module Adult Echocardiography of the CardioReport<sup>™</sup> suite is designed to describe procedures, generate reports, implement the database and populate registries.

# MediReport

Intelligent Solutions for Efficient Healthcare

## ADULT ECHOCARDIOGRAPHY

A module of the CardioReport<sup>™</sup> suite

3

Since its inception in 1995, MediReport has helped hospitals improve care quality while reducing costs through intuitive software tools, smartly automating hospital data flows (patients, procedures, devices) and providing analytical tools to improve best practices.



450 hospitals equippe<u>d</u>



20 years of performance



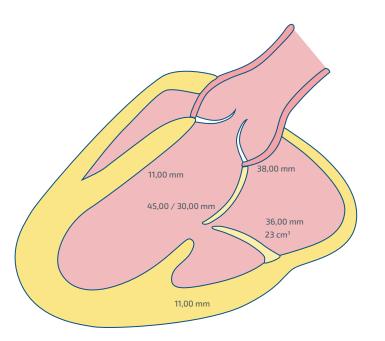


Worldwide recognized experience and expertise

#### CONTACT

MediReport 19 rue du General Foy 75008 Paris, France tél. : +33 9 72 45 33 10 email : contact@medireport.fr http://medireport.fr





#### Dynamic drawing

Measurements importation

Configurable protocol

#### Automatic data import

#### Dynamic drawing

Powered by our proprietary CardiacDraw™ Engine, cardiac abnormalities are automatically mapped onto the heart drawing (diagram) based on your diagnosis. This drawing facilitates communication with your patient.

#### Findings and data entry

The result of the ultrasound study (trans-thoracic or trans-oesophagial) is populated through an intuitive user interface organized accordingly to the heart anatomical structure.

Each parameter is displayed with its historical data. Abnormalities described can be imported from a previous study to optimize patient follow-up and visualize disease evolution.

The valve disease severity is presented graphically and measured with different calculation methods (SOR PISA, SOR volumes), diastolic function (PHT, Vmin/Vmax)...

#### Automated workflow

CardioReport™'s interfacing capabilities (IHE compliant) allows a streamlined communication with the IT hospital environment and its modalities. Patient's ID is automatically imported from the Hospital Information System (HIS). Measurements performed during the study is imported from the echo machine or the postprocessing application using the DICOM-SR interface.

#### Protocol

A protocol with the mandatory measurements to be done is displayed in a 1-page summary. This protocol is easily configurable. This protocol is automatically implemented using data exports from the ultrasound machine. Data exhaustivity can thus be easily assessed.

#### Study results

Measurements and images imported from several modalities are displayed. A structured report in natural language is automatically generated. Report templates are fully configurable. Once validated, reports can be automatically exported in PDF format to the EMR.

#### TAVR and Heart Team

Ultrasound data used to assess aortic valve stenosis severity can be copied and used in the Heart team procedure or TAVR procedure to perform patient screening and scoring. These data will also be used to implement any TAVR registry.



for device traceability and management Use our MyFollowUp™ module for patient follow up post-discharge