

CoroFlow™

Advanced
Cardiovascular
Assessment

Complete Cardiac Characterization

Coroventis CoroFlow is an advanced platform for assessment of coronary physiology with tools for both epicardial and micro-circulatory disease states. Designed for wireless communication with Abbott vascular's PressureWire® X, CoroFlow is easy to use for daily clinical practice at the same time as it provides powerful tools for advanced cardiovascular research.

- ✓ FFR, Pd/Pa
- ✓ IMR, CFR and RRR through bolus thermo-dilution
- ✓ Absolute Coronary Flow & Resistance through continuous thermo-dilution
- ✓ Intracoronary & intraventricular dP/dt and Tau
- ✓ Pressure-bounded CFR
- ✓ Advanced study data management

Wireless Communication

Wireless communication with Abbott's PressureWire® X and Wi-Box® simplifies installation and use while removing cluttering cables.

DICOM

Simplified workflow with DICOM Worklist compatibility.

Cloud based data management

Supports remote data access and multi-center study projects using Cloud/Network data storage.

Automated study data extraction

Radically simplified study data management using powerful functions to filter and automatically extract key parameters from 1000's of measurements with one click. Built in review and lock functions enables source data quality control and protection.

Export data in multiple formats

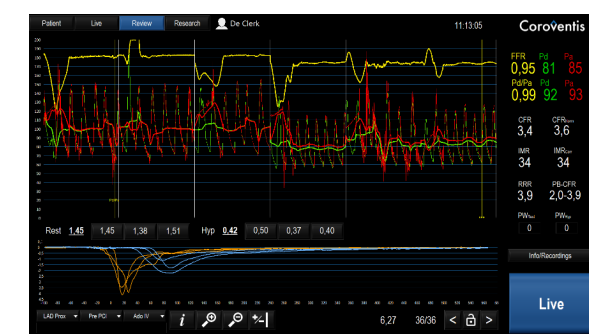
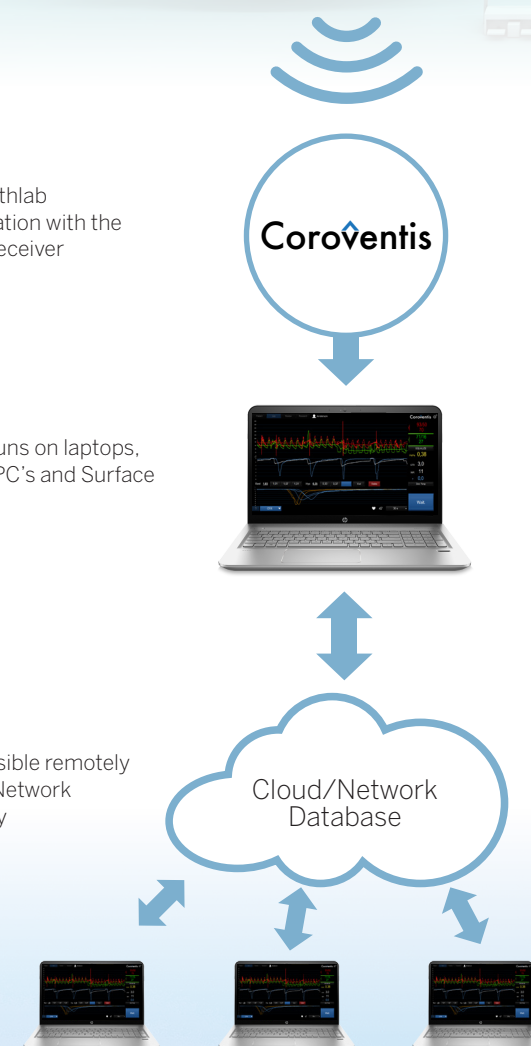
Calculated measurement parameters and raw waveform data are easily exported into multiple formats directly to USB or via Cloud/Network.



Wireless cathlab communication with the CoroHub Receiver

CoroFlow runs on laptops, stationary PC's and Surface tablets

Data accessible remotely via Cloud/Network connectivity



CoroFlow™

Advanced Cardiovascular Assessment System

Calculated Indices	Description
CFR	Coronary Flow Reserve
CFR_Norm	Normalized CFR: CFR/FFR
PB-CFR	Pressure bounded CFR: CFR estimated from resting & hyperemic pressure gradients
IMR	Index of Microcirculatory Resistance
IMR Corr	IMR Corrected with wedge pressure or linear approximation
BRI	Baseline resistance index
RRR	Resistance Reserve Ratio: BRI/IMR
Q	Absolute Flow (L/min) through continuous thermo-dilution
Q_Norm	Normalized Q: Q/FFR
R	Absolute Resistance (mmHg/L/min)
FFR	Fractional Flow Reserve
dP/dt	First derivate of distal pressure, average max/min
Tau	Diastolic relaxation constant

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Coroventis
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