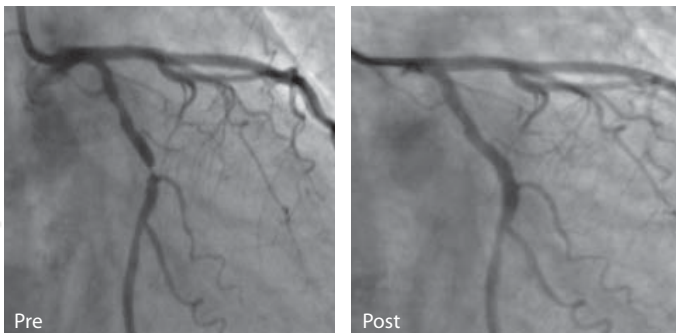


Command. Control. CorPath[®] 200 System

The CorPath 200 System puts you in command of percutaneous coronary intervention (PCI) procedures. The system provides complete procedure control from an interventional cockpit, allowing precise, robotic-assisted placement of coronary guidewires and stent/balloon catheters.

The physician operates in a comfortable environment, completely focused on patient physiology. The ergonomically optimized cockpit enhances visualization, minimizes fatigue, and protects the operator against exposure to radiation and other occupational hazards such as back strain.

A safer, more ergonomic environment that gives you more procedure control. That's the CorPath 200 System.



LCX lesion was treated with balloon pre-dilatation and stent placement delivered via CorPath 200 System in the First-in-Human clinical study.

Command. Control.

Increased Physician
and Staff Safety

Superior Patient
Procedure

Improved Hospital
Economics

The New Standard of Care

The New Standard in Precision PCI. CorPath[®] 200 System

Precise robotic movement and device fixation

- Precise, robotic-assisted control allows placement of guidewire, catheter and stable device deployment
- Fixates and holds devices at all times enabling the physician to control contrast injection while manipulating the guidewire
- Open architecture system allows users to select their own preferred guidewire, balloon or stent

Enhanced visualization and measurement capability

- Improves visualization of angiography through close proximity of monitors
- Measurement capability within seconds

Optimized ergonomics

- Reduces fatigue enabling better concentration and focus
- Comfortable seating position minimizes head, neck, and back pain due standing while wearing a lead apron

Radiation protection

- Interventional lead-lined cockpit offers a reduced radiation zone for the physician to perform the procedure
- Improved control of contrast injection and visualization of angiography could potentially reduce the volume of contrast media
- Potentially reducing radiation exposure to the patient*



The CorPath 200 System consists of a robotic drive and single-use cassette mounted on an articulating arm attached to the cath lab patient table. The physician control console located in the shielded interventional cockpit allows the physician to control the PCI devices using simple touch-screen and joystick controls.

First-in-Human clinical study

This First-in-Human clinical study was conducted to evaluate the safety and technical efficacy of the CorPath 200 System in precisely driving guidewires and stent/balloon catheters in PCI procedures.

Eight subjects enrolled at Corbic Research Institute, Envigado, Colombia.

Results

- Clinical success rate – 100%
- Final diameter stenosis of less than 30% after delivering PCTA/stent to targeted lesion
- No occurrences of major adverse coronary events (MACE)* at discharge and 30 day follow-up
- Significant (97.1%) reduction in radiation exposure to the operator
- Reduced contrast utilization compared to historical ~ 36% reduction**

*MACE defined as cardiac death, Q-wave or non Q-wave myocardial infarction, or clinically driven target vessel revascularization by percutaneous or surgical methods

**159 ml vs 250 ml (Nikolsky E, Pucelikova T, Mehran R, et al. An evaluation of fluoroscopy time and correlation with outcomes after percutaneous coronary intervention. J Invasive Cardiol 2007; 19: 208-213).

clinical study

About Corindus

Corindus is the global technology leader in robotic-assisted PCI. The company's CorPath 200 System is the first medical device that offers interventional cardiologists complete PCI procedure control from an interventional cockpit.

The CorPath open-platform technology and intellectual property will enable Corindus to address other segments of the vascular market, including peripheral, neuro, and structural heart applications.

The CorPath 200 System is an investigational device and limited by federal law to investigational use only.

*Corindus GLP animal study 2010 (unpublished data)

Corindus
Vascular Robotics