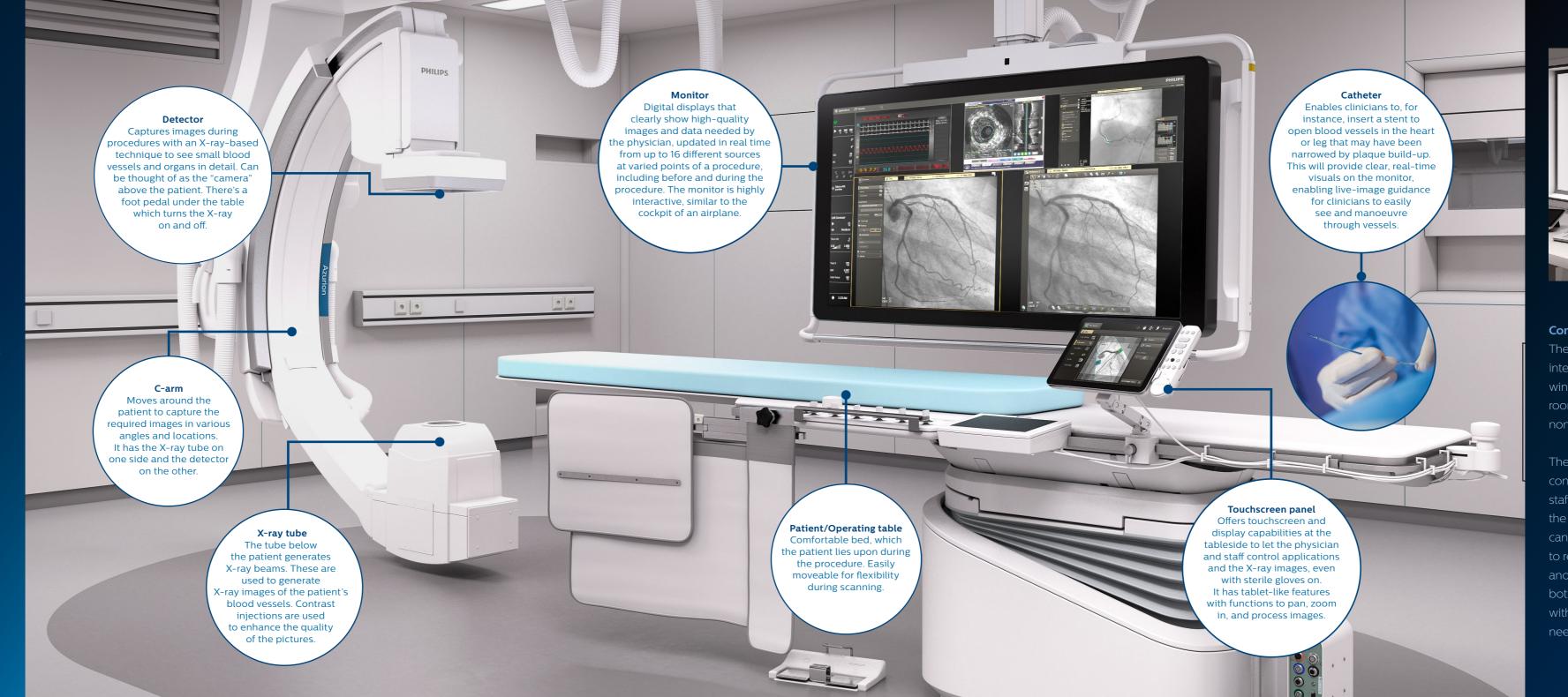
Interventional Suite 101

An interventional suite (also called a catheterization lab) is a state-of-the-art procedure environment in hospitals and outpatient clinics that uses advanced imaging guidance to help physicians treat patients using minimally invasive tools and techniques.

Image-guided therapy (IGT), also known as minimally invasive therapy, relies on miniature tools such as catheters, balloons and wires which physicians guide using advanced live imaging, through a small opening in the skin. Procedures once requiring large surgical incisions are now able to be performed through tiny pencil-point sized incisions. Additionally, new procedures have been developed which can only be performed using image-guided therapy.

The types of diseases that can be treated in these interventional labs include vascular diseases, heart disease, stroke, cancer, kidney and liver diseases, spine fractures, trauma, aneurysms and more.

This type of therapy makes use of live X-ray, ultrasound, 3D and other imaging guidance to enable faster, more cost-effective, and patient care delivery.



Control room

The control room is a room connected to the interventional suite. It has a wall-sized glass-window allowing the staff in the sterile procedure room to see and communicate with those in the non-sterile control room.

The control room has parallel monitors and controls to those in the procedure room, allowing staff here to also see the images and operate the interventional equipment. The control panel can communicate directly with the exam room to review live images or prepare and process another case. Clinicians in the control room can both prepare and view other parts of the surgery without entering the exam room. This reduces the need for sterility breaks.