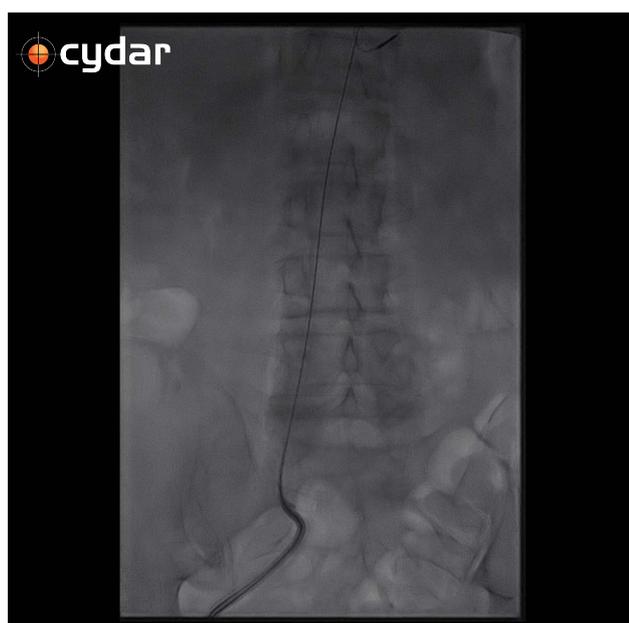
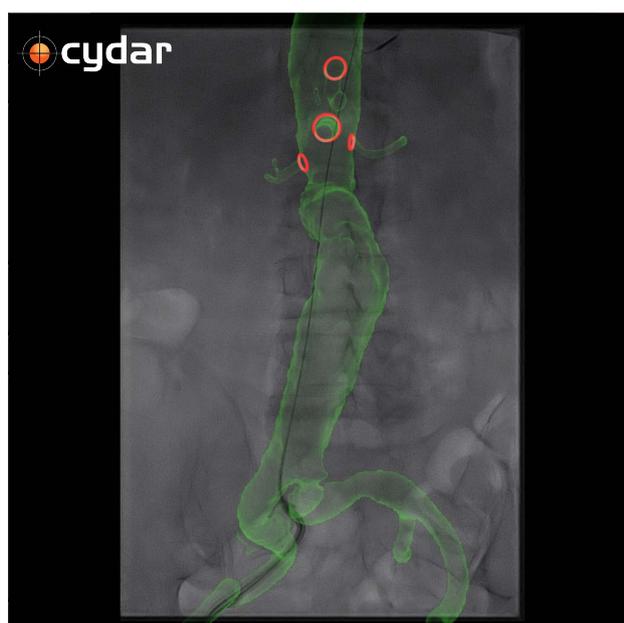


# Patient Information

If you are having an endovascular procedure, your doctor may be using Cydar EV 3D overlays for surgical guidance. This is ground-breaking technology that aims to improve patient outcomes by helping your doctor to navigate through blood vessels and accurately and safely place a stent-graft (fabric covered tube). The use of 3D overlays has been shown to reduce overall procedure time, radiation dose and the amount of X-ray contrast dye used.



Without overlay



With overlay

## Why is my doctor using Cydar's 3D technology in my operation?

Live X-rays shown on a screen are used during your procedure to help your doctor to safely and precisely insert your stent-graft (fabric covered tube). Up until now, the only way to see blood vessels on the X-ray was to use an injection of a potentially harmful contrast dye. Now, Cydar gives your doctor a 3D image on top of the X-ray to enable them to see your vessels more clearly and accurately place your stent-graft. It is a bit like a GPS satellite navigation system for the vessels of the human body.

## Why is Cydar using cloud computing?

Cydar uses the cloud because it enables your doctor to benefit from some of the world's most powerful computers during your operation. They are needed in order to give your surgeon an up-to-date, accurate 3D image. This image is a combination of the live X-ray from operating room and the CT scan you had before your operation. This fusion of two images would not be possible without the power of the cloud.

## Is my information secure on the cloud?

Government and healthcare systems worldwide have very strict requirements when it comes to safeguarding personal information. Cydar adheres to these internationally recognised standards and works closely with local healthcare organisations to ensure compliance of Information Security and Governance.