Presenter: Doctors say a new high definition scanner will save lives by diagnosing heart disease much earlier and unlike other machines, it can take images using much lower doses of radiation. The technology offers the potential for a federally-funded **screening programme** for those at risk of heart disease.

Rebecca Barrett: This CT scanner can do what others haven't been able to. It delivers high-definition images and a more **accurate** diagnosis of heart problems.

Dr Daniel Friedman: We can confidently include or exclude blockages with the scanner whereas we couldn't do previously.

Barrett: A scan of the whole heart takes under five seconds and can be done without high doses of radiation.

Dr Friedman: We're now able to screen women at very little above the doses that they would get from a mammogram.

Barrett: Brenda Gale had her first CTscan six weeks ago, she has a family history of heart disease but no symptoms, so was surprised to find there was a blockage in a major artery.

Brenda: I thought my risk was minimized in that I had recently undergone a weight loss programme with my trainer Sam and I thought I was safe.

Barrett: She is now on cholesterol-lowering medication but admits it could have been a very different **outcome**.

Brenda: Have a heart attack and need **resuscitation** I would imagine if I'd continue down the same road because of my genetics and I don't think I would be as **compliant** in taking the medications had I not had the scan.

Barrett: Cardiologists are hoping that with much lower doses of radiation, they could start looking at scanning younger people and introduce a targeted screening programme for those at risk of coronary disease.

Dr Friedman: Early detection of disease has the potential to prevent cardiac events, to prevent heart attacks in younger people.

Barrett: Doctors say they've been waiting two years for a federally-funded screening programme and are hoping it won't be much longer.
Rebecca Barrett, ABCnews.

a screening programme = un programme de dépistage
accurate = précis
resuscitation = réanimation
compliant = observant