

Brain Operations made safer with tiny camera inside needle

A new “smart needle” with an embedded camera is helping to make brain surgery safer.

Researchers at the University of Adelaide say the camera, which is the size of a human hair, allows surgeons to see blood vessels while they operate and so avoid causing bleeds that could be fatal.

The technology could be widely available soon and has already been successfully used on a number of patients.

‘The needle will open the way for safer surgery allowing us to do things we’ve not been able to do before’ say researchers.