Dr Kim Jamieson
*Anaesthetist, Auckland City Hospital, Adult and Emergency*

Dr Kim Jamieson has been a consultant anaesthetist at the Adult and Emergency surgery department of Auckland City Hospital since 2005. Following her fellowship in vascular anaesthesia in 2002 she spent 2 years at the Royal London hospital in east London working in vascular and neuroanaesthesia. It was a period of significant growth and development of their EVAR programme. Her interests continue to include vascular and neuro anaesthesia, major incident planning and management in the health sector. Kim is currently an investigator for the POISE 2 multicentre study looking at potential modifiers of cardiac risk for non cardiac surgery.

**Endovascular Aneurysm Repair**

Endovascular aneurysm repair (EVAR) appeared in clinical practice in the early 1990’s and has provided an alternative to open AAA repair for both abdominal and thoracic aneurysms. Studies following these patients now provide us with a reasonable idea of outcomes, complications and costs associated with EVAR repair in comparison to the classical open approach. Since their introduction significant developments have occurred to the devices, methods of deployment, and the clinical scenario’s in which they may be useful. The anaesthetic choice can vary depending on the clinical scenario, and the procedure is performed electively, as well as in acute and traumatic dissections. Intraoperative complications such as bleeding, graft embolism, thrombotic emboli, dissection, rupture and the physiological consequences of graft deployment are rare but need to be managed effectively. There are particular issues for the anaesthetic team regarding the location for this procedure, often in a remote, darkened environment, with staff well versed with radiological practice rather than a theatre environment. This session will discuss these issues to give an overview of EVAR for aortic anerysm repair.