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Adelaide Research
& Innovation

Sinus surgery breakthrough

A wound dressing that improves healing, controls bleeding and prevents excess scar tissue from forming after sinus surgery, which is good news for both surgeons and patients.

Professor Peter John Wormald and his PhD student Dr Theodore Athanasiadis have been awarded funding from the newly created, Commercial Accelerator Scheme for the further development of a novel chitosan-based gel which is used following nasal surgery.

Not everyone gets excited when they hear about nasal sprays – but these two researchers along with their partners in New Zealand have made a breakthrough in a wound dressing that improves

healing, controls bleeding and prevents excess scar tissue from forming after sinus surgery, which is good news for both surgeons and patients.

The new invention is considered superior to other technologies in this area and commercial interest has been shown by several biosurgical companies around the world.

The invention is the result of Dr Theodore Athanasiadis' PhD project under the supervision of Professor Wormald, internationally renowned ENT surgeon and Professor of Otorhinolaryngology at the University of Adelaide.