



IMSaT is a joint venture between the Universities of Dundee and St Andrews.

Institute of Medical Science and Technology



Image projection system for laparoscopic surgery

IMSaT is aimed at developing emerging medical technologies from the lab to commercialisation. The Institute brings together medical, applied physics, biology and bioengineering scientists together to work in purpose built laboratories. Its activities are driven by the needs of the clinical end users and the medical device industry.

Current projects

- MRI-guided interventions & compatible implants
- New, highly targeted drug delivery systems
- Clinical applications of a novel Terahertz laser
- Dynamic sub-cellular 3D imaging
- Advanced forensic & tissue analysis technique
- Middle Ear Implants (MEIs) for impaired hearing
- Novel phototherapy treatment for common skin cancers

Opportunities

IMSaT operates a rigorous development process and seeks collaboration with health service providers and corporate partners at all stages, from early stage scientific research to the development of specific biomedical devices.

Expertise:

- Ultrasound
- MRI
- Medical device design
- Diagnostic and therapeutic imaging
- Regenerative medicine, tissue engineering
- Minimally invasive therapy
- Photonics
- Acoustics
- Electrical and Electronic Engineering
- Cell Biology
- Prototype manufacture



Further information

To find out what IMSaT can do for you contact Stuart Brown.

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Visit the website at:
www.imsat.co.uk

Research & Innovation Services

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