

## Commercial Opportunities

### Diagnostics & Pharmaceutical

#### Leeds Solution



Two novel organ preservation solutions (Leeds Solutions Thoracic & Leeds Solutions Abdomen) have been developed which should increase the availability and viability of usable transplant organs, especially marginal organs, for people awaiting transplantation. Leeds Solutions have been designed by a leading transplant team and pharmacologist and have properties superior to those currently used clinically. Active dialogue with existing suppliers of transplant solutions indicates that an early opportunity exists to license the technology.

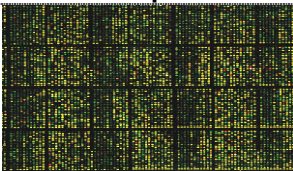
**Next Stage:** Leeds Solutions requires further funding to deliver significant pre-clinical and commercial objectives.

#### Ovarian Follicle Culture

A system has been developed which closely mimics the growth requirements for follicle and oocyte development in vitro. This system can be used as a means to generate eggs for treatment, research and stem cell derivation. The system can also be used by the pharmaceutical industry to test the impact of existing and emerging drugs on reproductive longevity and female fertility. Patents have been filed for the technology.

**Next Stage:** Seeking a commercial partner to take the system to market.

#### Focused Imprinted Gene Array



A validated gene expression micro array for screening for safety of existing and emerging human Assisted Reproductive Technologies.

**Next Stage:** seeking a commercial partner for further development.

#### Gastric Acid Secretion



A unique and non-invasive breath test has been developed to accurately measure gastric acid secretion (GAS). The technology has potential for use in the clinical management of acid-related diseases, in the development of novel pharmacotherapies for treating acid secretion disorders and in detecting subjects who are at higher risk of developing gastric cancer. The technology is subject to a patent application and validation experiments are well advanced.

**Next Stage:** Medipex is seeking a commercial partner to license this technology for manufacture and sale.

#### Pelvic Drug Delivery Depot

An implantable controlled drug-release device to ease chronic pelvic pain.

**Next Stage:** Medipex is seeking a commercial partner to take this project to market.

## Commercial Opportunities

### Medical Devices

#### Obstetric Ultrasound Device

A novel portable device designed to determine the orientation of foetus in the uterus during the late stage of pregnancy. The underlying technology is the subject of a patent application.

**Next Stage:** A commercial partner is required for further development and commercialisation of this device.

#### Sizer - Radiographic Callipers



A simple disposable device which allows the accurate sizing of prosthetics from X-ray images (patent applied for).

**Next Stage:** Seeking licensee to manufacture and market.

#### Babies Head Project

Plagiocephaly or head flattening in babies, particularly premature births has risen in recent years and has been linked with the 'Back to Sleep' campaign. Plagiocephaly can be distressing and cause disfiguration in later life. A preventive device is under development that will eliminate deformation without the need to continuously monitor the baby whilst in the supine position.

**Next Stage:** Medipex is now seeking a commercial partner.

#### Wound Model



A physical model to realistically simulate the production of exudates from a wound bed has been developed. This device will allow wound care manufacturers and researchers to study the effectiveness of existing and new wound dressing products. A patent has been granted for this model.

**Next Stage:** Medipex are now seeking a commercial development partner who has a presence in the wound care market.

#### Diabetic Monitoring

An automated electronic system to generate feedback of patient's own medical measurements using mobile phone technology for remote medical monitoring/feedback by clinician.

**Next Stage:** Medipex is seeking a commercial development partner

#### Dynamic Heart Phantom

Nuclear medicine use of heart imaging techniques for diagnosis of patients with potential heart problems.

**Next Stage:** A commercial partner is required for further development and commercialisation of this device.

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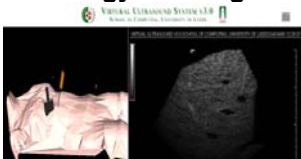
### Training

#### RescuePod

A unique medical emergency training kit for use in dental practices and training courses.

**Next Stage:** A commercial partner is required for further development and marketing of this device.

#### Radiology Training Simulator



In response to recent NICE (National Institute for Clinical Excellence) guidelines requiring that elective central line placement should be performed using ultrasound guidance to minimise complications, a simulation package for training individuals in the art of ultrasound-guided needle insertion procedures has been devised.

**Next Stage:** Medipex is seeking a commercial development partner.

### Software

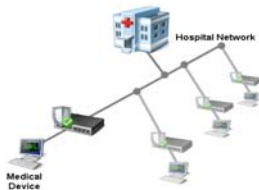
#### ARQ Clinical Data Management Software



A general clinical database management system that improves on current systems by seamlessly integrating the data requirements of clinical management and secondary data / research users.

**Next Stage:** A commercial partner is required for this technology.

#### Firewall Software Device



Configuring and managing a separate firewall for each and every medical device in an institution creates significant complexity for an already stretched IT department. For these reasons firewalls are not widely used and the devices are often left unprotected. To solve this problem, a novel firewall solution on an enterprise scale was created.

**Next Stage:** A commercial partner is required for this technology.

#### SIDD

In vivo dosimetry radiotherapy software system – A bespoke software system that processes, calculates and records in vivo dosimetry readings generating follow-up actions to help detect/prevent radiotherapy treatment errors.

**Next Stage:** A commercial partner is required for this technology.

If you would like to discuss any of the above opportunities, please email  
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