



## **Medipex Annual Report**

**April 2006 to March 2007**



Following the establishment of Medipex Ltd as an Innovation Hub for Yorkshire and Humber in 2003 and the subsequent three years of endeavour in putting into practice the principles enshrined in the 2001 of the Health and Social Care Act there has been a great deal of progress. A clear picture is developing regarding the constant nature of both product and service innovations emerging from within the NHS community in Yorkshire and Humber. The continuous flow of ideas is reflected in the statistics given in the CEO annual report.

To the NHS community the innovation hub offers a professional resource that bridges the gap between NHS expertise and the commercial world by building a capability and capacity to commercialise NHS innovations. While to the regional economy, the benefits associated with building a culture of collaboration in technology translation within the NHS are clear, namely access to previously untapped globally competitive regional knowledge, creativity and skill base.

The medical industry faces an exciting future and I have been encouraged by the growing commitment to health related issues emerging within the region that will underpin Medipex's future work. The establishment, by Yorkshire Forward of the 'Health Technologies' sector is a clear example of this commitment. Never before has the region and the UK been better networked to develop and commercialise new innovations in healthcare. Medipex is committed to working closely with the Regional Development Agency on initiatives that ensure maximum benefit is derived for the healthcare community in Yorkshire and Humber.

In the rapidly changing healthcare environment Medipex has currently to operate we have been fortunate to have a Board that play a key role in monitoring developments and ensuring the appropriateness of strategy to our key customers. The composition of the Board has undergone considerable change in 2006/7. Dr Steve Smye from Leeds NHS Trust retiring and was replaced by Dr Matt Toogood. We thank retiring member for their considerable contributions over the years to Medipex. In the year Medipex appointed Peter Dettmar of Technostics Ltd as a new member of its Board and Dr Simon Ward took on the Vice-chair role and Mrs Ann Starkey was appointed company secretary. Medipex has benefited enormously from the help and guidance offered by the Board of Directors and the continued support from the National Innovation Centre.

Lastly I wish to thank my Board colleagues for their continued valuable support and the Company management and staff for their excellent achievements over the year.

Professor Gareth Lloyd-Jones  
Chairman



This annual report covers our third year of operation and it is very pleasing to note that against the backdrop of changes in the NHS landscape our membership base has remained consistently strong and there are 34 NHS Trusts with whom we have a service level contract to deliver an intellectual property (IP) advice and management service. Through our outreach activities such as the annual innovation competition and newsletter we are in regular contact with all the NHS bodies in Yorkshire & Humber and will continue to provide basic advice on IP protection and commercialisation issues to all NHS staff. It is also pleasing to see the results of our publicity are regularly featuring in national newspapers, magazines, news websites as well as regional and local sources.

During 2006 Medipex beat off stiff competition to be awarded the prestigious accolade of Young Company of the Year at an award ceremony organised by the Yorkshire Post and sponsored by

Yorkshire Forward. A noteworthy aspect about this award was that it is based on merit and it was open to any young business in any sector not just healthcare.

Approximately 150 ideas for new innovations were submitted in the last year including 82 applications arising from our annual innovation competition. 10 commercial deals were secured on behalf of the NHS and since we first started Medipex has generated £70K of external income back in to NHS from commercial activities. A third spin out company, EPAQ Systems Ltd was established this year from Sheffield Teaching Hospitals and the company is seeking to raise £75K investment to secure sales for the first product. These statistics rank Medipex high amongst the 9 NHS hubs in England. By comparison, during 2006/07, all 9 hubs assessed 1,000 ideas, 80 projects were under active discussion with companies, 54 licence deals were achieved and 4 spin out companies.

Sales on our e-commerce website [www.ennovations.co.uk](http://www.ennovations.co.uk), which specialises in niche products from the NHS for the NHS, have continued to increase and over £30K has been invoiced for the first 11 months operation. If you haven't already registered with this site it is something I would urge you to do in order to explore the range and quality of products and materials on offer.

Medipex has continued to receive financial support from Dept. of Health (via National Innovation Centre) towards its core costs. We successfully obtained additional project specific funds from the Office for Science & Technology (PSRE Round 3) that are contributing towards a clinical expertise mapping project. Once completed Medipex will have logged clinical research and commercial interest from NHS staff across the length and breadth of Yorkshire & Humber. This data will be combined with similar data sets in North West and North East to form a comprehensive pan-Northern database that will be used to attract in commercial clinical trials and evaluations of new medical technologies and also by NHS researchers to identify industrial partners for planned R&D activities.

In summarising our achievements to date we have:-

- Established a viable infrastructure & IP pipeline
- Generated a commercial return to NHS from commercial exploitation activities
- Created 3 NHS Spin out companies (Medipex equity secured)
- Put in place 17 commercial deals to-date
- Become an Award Winning SME (Young Business of the Year Award)
- > 80 references to NHS innovations and Medipex in national, regional, local newspapers, trade magazines and other specialist sites during the year.

Richard Clark  
Chief Executive



Since the formation of Medipex, 407 ideas have been identified and 190 projects have been taken through our gateway process. Analysis of the figures indicates that around 8% of the projects taken forward are likely to result in a successful outcome i.e. either a commercial licence or a spin out company or sale of a product. This is a higher level of success than for commercial venture capital although in financial terms the returns we are likely to see will generally be much lower.

Throughout last year Medipex received 144 ideas or disclosures which were filtered down to 72 potential prospects. After further market assessment 40 are being actively pursued and by the end of March '07 Medipex had put in place 10 commercial agreements

with healthcare companies on behalf of its member Trusts. One new patent was filed and 2 more proceeded to PCT stage during 2006. Further information on the active projects is given below.

The 2007 innovation competition was once again very successful and a total of 82 entries were received. The categories were changed this year, service innovations were removed, and the technology/medical device category was expanded. Finalists in each of the 4 technology categories were invited to an awards evening and dinner held at The Deep in Hull where £8K of prize money was handed out. The overall winner was an Improved Energy Efficient Design for a Walking Crutch from Hull & East Yorks. Hospitals. Leeds Teaching Hospital NHS Trust received a special mention for the most number of entries.

During 2004 Medipex had been successful in bidding to The Department of Trade & Industry to set up and manage a Proof of Concept (PoC) fund of £250K. By the end of March 2007 all of the PoC funds had been fully used or allocated against planned project expenditure. During its 3 years of operation 29 projects were financially supported with an average spend of £7K in range of £1K to £50K. PoC funds have proven invaluable in fast tracking ideas, assessing them, producing functional prototypes for further evaluation and working up projects in to viable business propositions and without continued access to a guaranteed source of funds it would not be possible to create much added value. The Medipex board of directors has approved a budget of up to £100K for ongoing PoC funds during 2007/08.

One of the unique activities of IP associated with the NHS is the identification and commercialisation of IP without any obvious commercial potential but which may have considerable benefits for the NHS. Medipex has monitored such developments and whilst it is not adequately resourced to develop this IP it has worked with the Service Improvement lead at the hospital level and occasionally within the NHS at a regional level to promote best practise. Occasionally a more commercial view can be taken if the service is likely to have a major impact and could become self sustaining if it could generate and retain income. We have provided advice to our member Trust senior management team on governance and business models for a number of such commercially focussed activities over the past year including telemedicine, training and performance assessments.

In addition to NHS IP, which can be registered, there are many examples where the specialist knowledge held within the Trusts is of commercial interest for the support of research and innovation. Medipex is actively developing a register of research support facilities and expertise to match them with commercial requirements where appropriate.

Medipex has linked several medical device companies in to Trust expertise in order to evaluate or clinically trial new devices. This works well for all parties since the company has a single point of contact, Medipex, and the Trust has confidence that the arrangement is fair and is managed. Furthermore, under the new NHS medical research programme, Better research for Better Health, many of the government medical research funds require industrial partners or endorsements in order to ensure the research can be applied and the extensive healthcare industry contacts Medipex has can be useful in bringing such partnerships together. A recent example is a rehabilitation project at Leeds where Medipex successfully identified a major rehabilitation company as a partner on a HTD grant application for the clinical consultant lead.

## Active Projects Logged During 2006/07

<b>District Nurses' Seat</b>	A lightweight, compact, low seat for district nurses in the community	Airedale General Hospital NHS Trust
<b>Plaster Room Techs CD</b>	visual guide to plaster room techniques	Airedale General Hospital NHS Trust
<b>Baby Wrap</b>	A sling to keep the infant still for lumbar puncture procedure	Bradford District Care trust
<b>Patient questionnaire for chronic pain</b>	Health needs assessment tool which is patient led. (Further versions being developed for different conditions).	Bradford Teaching Hospital NHS Foundation Trust
<b>Slip 'n' Slide</b>	Disposable Transfer Sheet	Bradford Teaching Hospital NHS Foundation Trust
<b>Obstetric Ultrasound Device</b>	Idea for device to determine orientation of baby in womb	Bradford Teaching Hospital NHS Foundation Trust
<b>Cancer Care Scheduling System</b>	A system which means patients who are to receive chemotherapy are treated with minimal waiting times that the department works at optimum efficiency	Harrogate NHS Foundation Trust
<b>Pathology Test Analysis Service</b>	A service to provide results of glucose tests to GPs and community pharmacists which have been carried out using a new Abbot machine	Harrogate NHS Foundation Trust
<b>Competency-based Training Pack</b>	A training pack based on the "Functional Model of Delegation" which allows the training of assistants in core tasks to a specific level thus improving the service and efficiency of the department.	Huddersfield NHS Trust
<b>Improved Walking Crutch</b>	Gait analysis has indicated there is significant efficiency gain during ambulation associated with a simple modification to crutches that optimises upper body movement.	Hull & East Yorkshire NHS Trust
<b>Metabonomics and Preeclampsia</b>	Identification of potential markers of Preeclampsia by analysis of serum using NMR	Leeds Teaching Hospital NHS Trust
<b>Cookridge Hospital History Book</b>	This book details Cookridge Hospital history from the 70's	Leeds Teaching Hospital NHS Trust
<b>Monitor Shroud</b>	A shroud to protect monitor screens from glare	Leeds Teaching Hospital NHS Trust
<b>Vertebroplasty Cement Gun</b>	The inventor has identified the need for a new delivery gun to be developed for a new type of cement developed for use in vertebroplasty	Leeds Teaching Hospital NHS Trust
<b>ICSS Medical Records</b>	A software system which can be customised for the storage of clinical information in any hospital unit. Now known as ICSS Medical Records	Leeds Teaching Hospital NHS Trust
<b>Overcoming Eating Difficulties Self-Help Pack</b>	A guided self-help pack for use by people undergoing therapy for eating disorders	Leeds Mental Health Trust
<b>Video Praise Booth</b>	Video capture system to provide feedback to pupils.	Rotherham PCT
<b>J-view</b>	A Java-based image manipulation piece of software for Nuclear medicine	Sheffield Teaching Hospital NHS Foundation Trust
<b>Fibre optic Bougie</b>	Emergency tracheal intubation	Sheffield Teaching Hospital NHS Foundation Trust
<b>Ultrasound Second Harmonic</b>	Use of Second Doppler Harmonic to Measure Blood Flow through use of Ultrasound	Sheffield Teaching Hospital NHS Foundation Trust
<b>Bladder Cancer Prediction Model</b>	Neuro fuzzy modelling to predict progression of bladder cancer and its management - a clinical decision support tool.	Sheffield Teaching Hospital NHS Foundation Trust
<b>Mammography Test Phantom</b>	Test phantom optimised for GE DMR series mammography x-ray sets to check on accuracy and alignment of core biopsy needle.	Sheffield Teaching Hospital NHS Foundation Trust
<b>Foot Micro-Sensors</b>	A new generation of miniaturized micro-sensors for use in force plates and other applications	S W Sheffield PCT
<b>Six Piece Jigsaw teaching aid</b>	A workshop and case study tutorial to develop psychological thinking in staff. It also provides a method to structure cost discussion and goal planning.	S W Yorkshire Mental Health Trust
<b>Mood Snapshot</b>	An observational tool for the evaluation of mood by using colour coding in conjunction with bi-polar items. It does not rely on ability to understand or communicate and covers wide spectrum of moods.	S W Yorkshire Mental Health Trust
<b>Postural Analysis Tool</b>	A tool which helps assess the level of risk to a physiotherapist associated with carrying out repetitive cycles during physiotherapy	S W Yorkshire Mental Health Trust
<b>Major Incident Storage Pod</b>	Transportation device for medical/resuscitation equipment.	S Yorkshire Ambulance Service
<b>Syringe Rack</b>	Small rack to hold loaded syringes either fixed to ambulance wall or stretcher side-bar	Tyne & East Yorkshire Ambulance Service
<b>Paediatric Visual Field Analyser</b>	A method of testing peripheral vision in babies and small children	York District Hospital NHS Trust

Medipex has secured 17 commercial deals on behalf of the NHS and the first income from these commercial exploitation activities has been distributed back to the Trust, inventors and other partners including Medipex and by March 2007 over £70K of royalties and commercial income has been collected.

### Licence Deals and Commercial Sales

**Sheffield Knight Table** - spinal surgery table attachment to facilitate key hole surgery. This is a joint development between Sheffield Teaching Hospitals NHS Foundation Trust and orthopaedic surgeon

**LOGIN** - image viewing control for PACS. Licence deal with Rothband Ltd from Leeds Teaching Hospitals.

**Monitor Hood** - anti glare device to improve image viewing. Licence deal with Rothband Ltd from Leeds Teaching Hospitals

**HMDS** - Procedure/kit which fixes cell and enables improved cell permeability. Application as a cancer diagnostic.

Licence deal with major US pharma company from Leeds Teaching Hospitals.

**Cervical probe** – portable probe for early detection of pre term birth. Licence to Genisent Technology Inc. from IP jointly developed by Sheffield Teaching Hospitals NHS Foundation Trust and University of Sheffield.

**SPNET** - Integrated purchasing, stores catalogue software with procurement tracking database. Licence deal with SYBASE Ltd from Leeds Teaching Hospitals.

**Drip stand** - Motorised drip stand for elevation of 3 l IV fluid bags. Licence agreement with T-Med Ltd from Sheffield Teaching Hospitals NHS Foundation Trust.

**ToPan** - Image quality test device for Dental Radiology. Licence deal with Leeds Test Object Ltd from Leeds Teaching Hospitals.

**Radiotherapy book** – Text book for radiotherapists who have taken a career break. Sold directly via [www.nhs-ennovations.com](http://www.nhs-ennovations.com) and written by a radiologist from Leeds Teaching Hospitals.

**IRPS** interactive radiotherapy planning system – self teaching programme for students learning about does planning.

Sold via [www.nhs-ennovations.com](http://www.nhs-ennovations.com) developed by a clinical scientist at Sheffield Teaching Hospitals NHS Foundation Trust.

**Eat Yourself Happy** DVD demonstrating positive links between food and mental well being. Sold via [www.nhs-ennovations.com](http://www.nhs-ennovations.com) developed by Doncaster & S Yorkshire Mental Health Trust & Rotherham PCT.

**Sacral Support Arm** – operating table attachment to aid paediatric full body casting. Sold via [www.nhs-ennovations.com](http://www.nhs-ennovations.com) by Clinical Engineering at Sheffield Teaching Hospitals NHS Foundation Trust.

**Cookridge Hospital History Book** – tells of the historic role Cookridge Hospital, Leeds has had in providing care for cancer patients. Sold via [www.nhs-ennovations.com](http://www.nhs-ennovations.com)

**Simple Rules Toolkit** – booklet with case studies on clinical research, service improvements and sold via [www.nhs-ennovations.com](http://www.nhs-ennovations.com) from Clinical Audit team at Sheffield Teaching Hospitals NHS Foundation Trust.

## New Healthcare Companies Formed

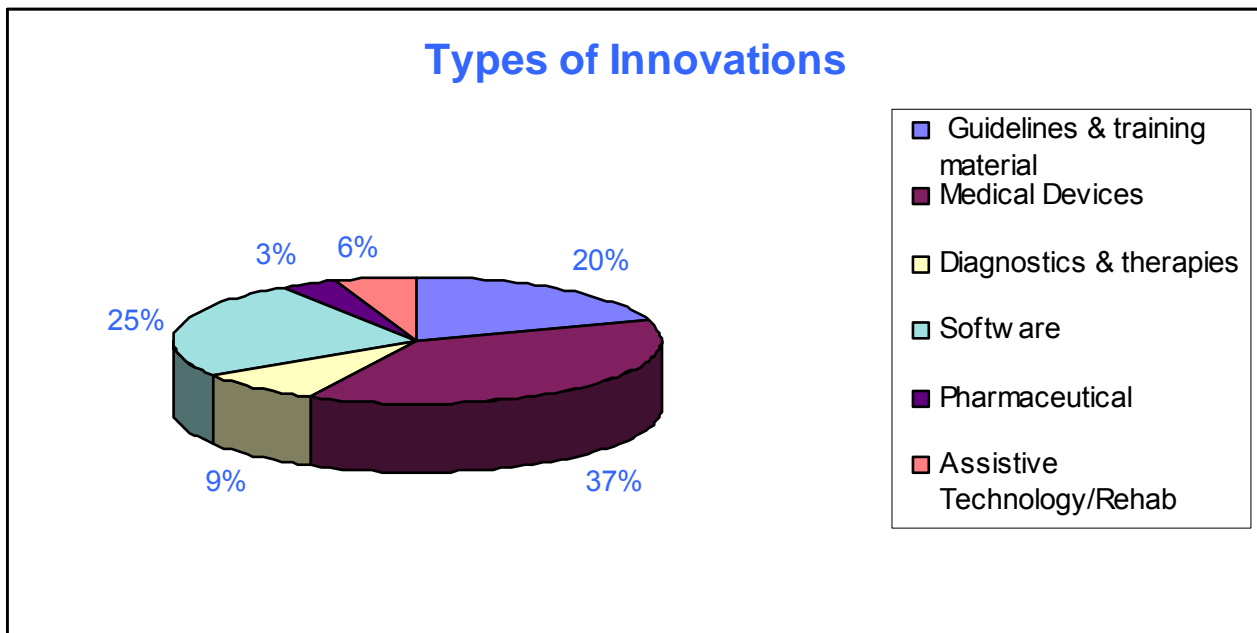
### New Healthcare Companies Formed

**Leeds Reproductive Bioscience Ltd** is a spin out company with Leeds Teaching Hospital, University of Leeds, and Techtran Ltd & Medipex. The company is currently investigating biomarkers for embryo viability in IVF.

**EPAQ Systems Ltd** is a spin out company with Sheffield Teaching Hospitals NHS Foundation Trust, Illuminaries Ltd (software developer) and Medipex Ltd. The company is developing a virtual clinic for assessing & treating patients with chronic conditions. The first product ePAQ Pelvic Floor has been clinically validated and is now commercially available and several new products are under development.

**Aperio Diagnostic Ltd** is a spin out company from Sheffield Teaching Hospitals NHS Foundation Trust, Biofusion and Medipex Ltd. The product is a portable probe for early stage detection of cervical cancer. A commercial prototype is currently being evaluated, regulatory approval is underway and wide scale evaluation is due to commence in Q1 of 2008.

In addition to securing licence deals PoC funds were used to create 3 new commercial businesses which, if successful, should take a share of markets valued at approximately £500 million sales pa and will create a financial boost to the regions economy. It is interesting to note that £85K invested by Medipex across all three businesses will have attracted in £1 million of VC investment before the end of the calendar year. In all projects supported PoC funds have played a key role at the very crucial pre commercial stage in a project life when there is no chance of obtaining any other funding. Analysis of the type of products under investigation indicates that 4 out of 10 ideas relate to medical equipment or devices, followed by software related products and then training materials. Further analysis is provided in the pie chart.



PoC funds were used to help the establishment of an e-commerce website [www.ennovations.co.uk](http://www.ennovations.co.uk) in order to directly market bespoke software, training materials and teaching aids developed by NHS staff to the wider NHS market. Whilst these materials are very valuable and highly specialised there is insufficient market for any publisher or marketing company to be commercially interested and the website therefore is the only outlet. It has been jointly developed with 2 other PSRE's (NHS Innovations hubs in N West and N East) and in its first full year of operation reported a turnover in excess of £30K.

Informal feedback from the network of IP Hubs shows that around 80% of ideas emerging from the NHS resulted from everyday clinical practice rather than from research .i.e. improvements to existing equipment, bespoke software and practical solutions to problems. However, a more in-depth analysis of 60 recent projects that are either licensed or are at an advanced stage indicates nearly 50% of IP arising out of funded research. Furthermore repeating the analysis by potential value of the deal rather than by quantity shows that IP arising out of research contributes to more than 90% of the most significant IP and a broadly similar figure is indicated for IP that is jointly owned between the university and NHS.

Awareness of Medipex and membership increased throughout the year, which was very positive and indicates the high level of activity provided by staff to enquiries and as a result of our marketing and awareness raising activities. Membership fees, introduced in the previous year generate revenue of £60K and partially offset the high overhead costs of undertaking IP assessments, filtering and feedback to individual Trusts and inventors.

The medipex website [www.medipex.co.uk](http://www.medipex.co.uk) receives on average 2000 unique visits/month (range 1,000 to 3,500) and peaks during the period when the innovation competition is open at 2,500 hits in one day and 30,000 hits/month. There are a number of downloadable guides, fact sheets and useful publications on the website specifically for inventors, researchers engaged in collaborative research including Frequently Asked Questions on diverse topics including Copyright, Design Rights, and Database Rights etc. The quarterly newsletter is distributed to 1,000 named contacts across the healthcare spectrum and is a very important means of communicating successes and other messages to our customers and NHS community. Articles or news feeds concerning innovations we are supporting have appeared in over 80 newspapers (Daly Mail, Yorkshire Post)/magazines (HES and Operating Equipment News) news websites including BBC News online and numerous local newspapers and Trust newsletters.

Throughout the year Medipex staff held over 200 face to face meetings with inventors and healthcare companies in undertaking initial assessments and ongoing commercial exploitation of the IP. Medipex presented or exhibited at 40 events, conferences and exhibitions during the year. In addition to promotion of NHS IP opportunities to commercial companies and potential investors Medipex is also engaged in education and training of NHS staff around commercial exploitation and IP issues.

Medipex is funded through a mixture of grants and a small but increasing level of income generated from its commercial exploitation activities. During 2006/07 funding was from two main sponsors, Department of Health (DH) and Office of Science and Technology through the Public Sector Research Exploitation (PSRE) Fund.

Core funding of £239K was received from DH who also provided additional funding of £279K to further support operational activities. The following statement is an acknowledgement of this support "MEDIPEX has benefited from funding from the NHS Institute for Innovation & Improvement's National Innovation Centre. The views expressed in this publication are those of the authors and not necessarily those of the NHS Institute for Innovation & Improvement's National Innovation Centre."

Additional funding of £166K was won from PSRE Round 3 against stiff competition from 50 other organisations for a three year clinical expertise mapping project. During 2006 we were pleased to receive a small grant of £20K from our regional development agency, Yorkshire Forward, towards the costs of setting up the clinical expertise mapping activity.

Expenditure for the year amounted to £541.5K which included £94 K of proof of concept funds and hence our net operational costs (Staff costs, premises, overheads, marketing and business development) were £447.5 K for the year.

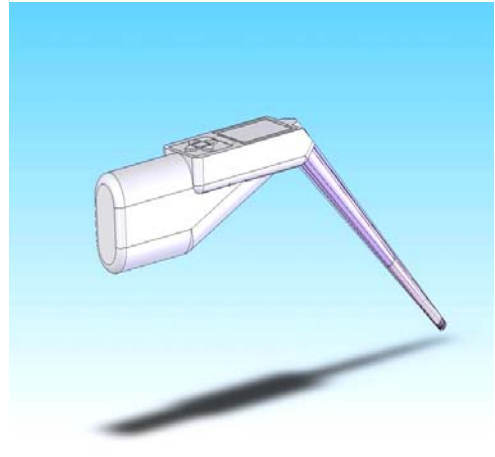
The company reported a small surplus on the year of £16K associated with interest earned of which we paid corporation tax of just over £3K.

### Aperio Diagnostic Ltd

Spin out company from Sheffield Teaching Hospital NHS Foundation trust commercially developing a small hand held diagnostic probe for detection of cancer. The first application is cervical cancer and a multi centre clinical trial is planned for late 2007 with a view to launching the first commercial product on the market by mid 2008.



*Original prototype*



*Impression of commercial design probe*

### [www.ennovations.co.uk](http://www.ennovations.co.uk)

The e-commerce website was set up with support from PoC funds to market bespoke training materials and software etc from the NHS to the NHS. The site has now been opened up to products and materials from all nine NHS Innovations Hubs.



One of the successful software downloads on the ennovations website is an interactive training package for radiotherapy students to assist with X-Ray dose planning. The package, known as IRPS (Interactive Radiotherapy Planning System) has been extensively marketed and is now sold in to 20 different countries around the world.

## Success Stories

### ToPAN

Routine QA of dental panoramic x-ray units is very limited in dental practise because of the complexity of the device and therefore it is not possible to fully determine whether the equipment is correctly set up or out of tolerance. Existing devices on the market are complex to use, machine specific and costly. ToPAN was invented by a Clinical Scientist from Leeds Teaching Hospitals who was frequently called out to inspect and safety check dental X-ray machines across West Yorkshire and he was very concerned about the difficulty of calibration. ToPAN is light and easy to use, will allow dental surgeries and hospitals to routinely calibrate their x-ray units and hence circumvent the cost of using external contractors.

PoC funds were used to evaluate the concept and to manufacture a working prototype which we were able to demonstrate to a local manufacturing company who have now taken up the licence and are selling the device world wide.



### Motorised Drip Stand



One of the biggest causes of absenteeism in the NHS arises out of back strains from handling and moving both of patients and of equipment to help deliver care to patients. Use of 3 litre IV fluid bags in urology theatre is a case in point. Each bag containing 3 litres of saline weighs 3kgs and at least 2 have to be lifted up to a height in excess of 2m in order to gain sufficient head to effectively drain through a patients bladder during and effective surgery. Nurses were expected to stand on chairs in order to lift the fluid bags on to a static drip stand pole and during a procedure the bags may require changing 5x or 6x.

The motorised drip stand was designed to specifically combat this problem by clinical engineers at Sheffield Teaching Hospital NHS Foundation Trust. PoC funds were used to finalise the prototype design and to manufacture a number of working units which were taken to other hospitals to demonstrate the concept. A northern based medical technology manufacturing company has recently licensed the rights and have now starting to market the product globally.

Barnsley Hospital NHS Foundation Trust  
Barnsley Primary Care Trust  
Bradford District Care NHS Trust  
Bradford & Airedale Teaching Primary Care Trust  
Bradford Teaching Hospitals NHS Foundation Trust  
Calderdale and Huddersfield NHS Foundation Trust  
Doncaster & South Humber Healthcare NHS Trust  
East Riding of Yorkshire Primary Care Trust  
Harrogate and District NHS Foundation Trust  
Hull & East Riding Community Health Teaching NHS Trust  
Hull & East Yorkshire Hospitals NHS Trust  
Hull Teaching Primary Care Trust  
Leeds Partnerships NHS Foundation Trust  
Leeds Primary Care Trust  
Leeds Teaching Hospitals NHS Trust  
Rotherham Primary Care Trust  
Scarborough & North East Yorkshire Healthcare NHS Trust  
Sheffield Care NHS Trust  
Sheffield Children's NHS Trust  
Sheffield Primary Care Trust  
Sheffield Teaching Hospitals NHS Foundation Trust  
South West Yorkshire Mental Health NHS Trust  
Wakefield Primary Care Trust  
York Hospitals NHS Foundation Trust  
Yorkshire Ambulance Service NHS Trust  
Yorkshire and the Humber Strategic Health Authority

## Board membership 2006/07

During the year several board members stepped down due to changes in their day job and were replaced such that the board composition at the start of the year was:-

Professor G Lloyd-Jones	Chairman
Dr S Ward	York Pharma Plc (Vice Chairman)
Mr R Clark (CEO)	Medipex Limited
Mr D Dickson	Garbutt & Elliott Accountants
Prof Peter Dettmar	Technostics Ltd
Professor M Hawley	Barnsley Hospital NHS Foundation Trust
Mr T Hostick	Doncaster & South Humber Healthcare NHS Trust
Mr S Bennett	Bennett & Co Ltd
Dr C Langton	Hull & East Yorkshire NHS Trust
Professor M Smith	Sheffield Hallam University
Dr Matt Toogood	Leeds Teaching Hospitals NHS Trust
Mr C Linacre	Sheffield Teaching Hospitals NHS Foundation Trust
Professor P O'Donovan	Bradford Teaching Hospitals NHS Foundation Trust
Mr D Morgan	York NHS Trust
Dr Pauline Lee	Observer, Yorkshire Forward
Mrs Ann Starkey	Medipex Ltd, Company Secretary

## Medipex Family Tree

