



Medipex Case Study

Pro-Nata Yorkshire Obstetric Forceps

Medipex helps consultant obstetrician win the Innovate UK SMART award, to develop a device that marks a new era in obstetric forceps design.

Pro-Nata Yorkshire Obstetric Forceps

Clinical Need

Globally 10 – 15% of births are assisted vaginal deliveries. However, there is a **high risk of trauma** to the perineum of the mother and baby if the forceps device is used to do this, due to the use of **excessive traction force and the steel design**.

Solution

The solution is an innovate design with a **built-in safety device, that regulates the amount of traction force** that can be applied to achieve vaginal delivery. The new device is made of **lightweight, recyclable, non-steel materials and has a ‘friendlier’ and more reassuring design, that will reduce anxiety levels** that usually arise at the sight of metal forceps.

Medipex’s Role

Having determined that there were gaps in both the IP landscape and the market, Medipex helped the clinician **apply for a grant so that a working prototype based on his idea could be developed**. A **150 clinician market research study** was carried to gather views on the use of obstetric forceps and to determine what features they would like to see improved about the device. A design and prototype were then made based on this research, which was **tested on birthing simulators; a patent application was then filed around the novel features of the device**.

Impact

In June 2016, Surgical Dynamics **announced the launch of Pro-Nata, an innovative device that marks a new era in obstetric forceps design**.

For more information, go to the Success Stories section on our website: www.medipex.co.uk

