

The Mind Behind DYESEAL™

Why did you design it?

The current cannulae either do not provide a tight cervical seal resulting in leakage of dye and poor intrauterine pressures or where they have a good cervical seal, do not have a distal component allowing uterine manipulation. For my practice, I wanted to use a device without any of these issues so I made one!



How did the design come together?

Both existing Lap and Dye instruments had their shortcomings, I wanted to use a device with the advantages of both but none of the issues. Along with David Laird, Medical Engineering Unit at the University of Nottingham, we created the unique design.

When did you know it was going to work?

In a small study of our patients in Nottingham, our results demonstrated that the DyeSeal™ uterine manipulator could potentially reduce the incidence of a false positive diagnosis of proximal tubal obstruction. 95.4% (21/22) of the Fallopian tubes in women who had their laparoscopy and dye test performed with DyeSeal™ uterine manipulator were patent compared with 83% in the control group (10/12).

What are the major benefits to your device?

The potential annual costs to the NHS of a false positive diagnosis of proximal tubal obstruction during laparoscopy and dye test range from at least £258,000 to £3,586,000 so there are massive potential savings to the NHS plus DyeSeal™ removes any delays involved in switching from a Spackman to a Leech-Wilkinson if the clinician has concerns about tubal patency.

DYESEAL™

Uterine Manipulation

DyeSeal™ overcomes the problems of existing devices to minimise dye leakage from the cervix whilst enabling Uterine Manipulation, therefore enabling testing for fallopian tube patency with one instrument.



Product Code: CW-1200

You can order DYESEAL™ by contacting us on:

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