Needles & Catheters

From the beginning
From the beginning

Over 40 years ago we worked with the pioneers of IVF to design the first Wallace® embryo transfer catheter. We believed that creating the softest method we could to place the embryo back into the uterus would give families the best chance of success.1, 5 We have continued to work closely with IVF experts as our product range has evolved, and still maintain the original hand-crafted soft embryo catheter tip design. To this day we remain the catheter of choice for many clinics across the globe and are continually associated with the highest pregnancy rates.1, 5

The Wallace brand of oocyte recovery needles and embryo transfer catheters has become part of the CooperSurgical family. They now feature amongst the innovative products, solutions and services offered by CooperSurgical Companies for the complete IVF process.

Our company

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Our quality

We understand the importance of providing customers with the highest quality devices, so we ensure MEA and LAL testing is carried out on all individual batches.

All our manufacturing sites are certified against the internationally recognizes quality standards ISO9001:2015, ISO13485:2018 enabling us to apply the CE mark to our devices.

Evolution of the catheter

Classic catheter

Our Classic embryo transfer catheter has been used since IVF practice began. It’s soft handcrafted inner lumen and formable outer sheath is associated with some of the highest pregnancy rates across the world.1, 5

SureView® catheter

Using patented technology, Sureview is the first catheter of its kind, where the entire length of the catheter is visible from tip to hub under ultrasound guidance. Clinicians and Embryologists are witnessing a marked improvement in pregnancy rates when using ultrasound during embryo transfer procedures.1-4, 6

SureView technology

The SureView catheter features the unique hand-crafted tip and smooth inner surface used for the Wallace Classic catheter.5

SureView cross section

(Bubbles shown are representation only)

Thickness of smooth inner layer is 0.16mm (+0.05)

Sure-Pro® catheter

The Sure-Pro and Sure-Pro Ultra embryo transfer catheters give added support and control when presented with a potentially difficult procedure. With several pack variations available, the catheter can be provided with both Classic and SureView inners, and with a malleable stylet or flexible obturator.

For references please see page 9
Wallace Classic

Soft embryo transfer catheters

Our Classic range offers a soft-profiled tip associated with some of the highest pregnancy rates across the world.\(^1,5\)

Key product benefits
- Soft material and smooth tip designed to minimize trauma and maximize success rates.\(^1,5\)
- Formable outer sheath to suit different patient anatomies
- Centimeter markings to show outer sheath depth and inner lumen protrusion for confidence of placement within the uterus
- Trial transfer catheters allow for confident positioning of the outer sheath before introducing the embryo loaded inner. Clinicians have found this technique to have a positive impact on pregnancy rates.\(^5\)
- The Classic range is fully compatible with the SureView range

**Wallace SureView**

Ultrasound visible embryo transfer catheters

The unique SureView catheter allows full visibility under ultrasound guidance whilst incorporating the hand-craft tip of the widely successful Classic catheter. Ultrasound guided embryo transfer procedures have been recognized by many clinicians and embryologists to improve pregnancy rates.\(^1,4,6\)

Key product benefits
- Visible under ultrasound from the hub to the tip of inner catheter
- More accuracy and confidence when positioning the catheter tip within the uterus for embryo transfer
- Combines benefits of the Classic range with Sureview patented technology
- Compatible with the Wallace Malleable Stylet for difficult transfers\(^7\)
- The Sureview range is fully compatible with the Classic range

For references please see page 9
Wallace Sure-Pro Range

Supported embryo transfer catheters

The Sure-Pro range features the hand-crafted inner catheter tip of the Wallace Classic, with the added benefit of a supported inner catheter to improve control during handling.

Sure-Pro and Sure-Pro Ultra embryo transfer catheters feature a supported and soft-tipped inner catheter, utilizing the Wallace Classic design. You also have the option to use a soft obturator or a firm stylet to help navigate a pathway through the cervical canal, enabling the inner catheter to pass through the uterus.

Key Product Benefits

- Supported inner catheter for increased control during handling and insertion
- Pre-formed curve on outer sheath to help navigate the cervical canal
- Adjustable silicone marker for depth guidance and tip orientation
- Available with a soft obturator and firm stylet to suit various techniques and patient anatomies
- Formable outer sheath allowing for accentuation or smoothing of the pre-formed curve

Sure-Pro Ultra configurations are designed to suit various techniques and clinical situations whilst offering the recognized benefits of a soft inner catheter and echogenic visibility.

The sterile triple pouch option allows clinicians to take the outer sheath and the obturator or stylet into the theatre, whilst the embryologist takes the inner catheter sterile pouch to the lab to prepare and load the embryo for transfer. Both products are also available with an additional pouch for aseptic technique, enabling sterility to be maintained from laboratory to theatre.

Wallace Sure-Pro Ultra

Supported Ultrasound Visible Embryo Transfer Catheters

The Sure-Pro Ultra range features the unique echogenic properties of the SureView catheter whilst continuing to offer the recognized benefits of a soft, hand-crafted inner catheter tip.

For references please see page 9
Wallace Single Lumen Oocyte Recovery systems
The single lumen range features a tri-faceted tip design with echo markings right to the needle tip to guide placement under ultrasound guidance. The needle is available as a stand alone unit* and with a variety of tubing lengths to suit clinical preference.

Key product benefits
• Sharp, non-coring needle tip
• Echo marked to the very tip to guide placement under ultrasound guidance
• Available with a luer lock connected at the bung for intermittent flushing of the follicle
• Silicone bung for an easy and secure fit with test tubes

Wallace Dual Lumen Oocyte Recovery systems
The dual lumen needle range features a fully integrated flushing line running from hub to needle tip, providing protection to the oocyte during extraction.

Key product benefits
• Flushing lumen extends to needle tip providing a consistent flow rate
• Non-coring needle tip to minimize risk of blockages
• Echo marked to the very tip for accurate placement under ultrasound guidance

Wallace Single Lumen Oocyte Recovery System (18g)

Wallace Dual Lumen Oocyte Recovery System (16g)
Wallace Intrauterine Insemination catheters

The Wallace IUI catheter is a premium quality device featuring a smooth tip and formable outer sheath for optimal control over placement within the uterus. The two-piece design replicates the Wallace Classic catheter, which is also suitable for training embryo transfer techniques.

Artificial Insemination Catheter – for intra-uterine insemination AIC18 (18cm)

Key product benefits

- Flexible outer sheath with memory, can be pre-curved to aid insertion
- Smooth rounded tip to minimize trauma and maximize success rates
- Bilateral side design to Wallace Embryo Transfer Catheter range, helping develop an effective technique
- Bilateral side eyes for maximum dispersion of sperm and minimal risk of blockage
- Compatible with the Wallace stylet for difficult procedures

References


Product compatibility and order codes:

Wallace SureView

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<thead>
<tr>
<th>Wallace SureView</th>
<th>Wallace Classic</th>
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<tbody>
<tr>
<td>CE118 Quantity: 10</td>
<td>1816N Quantity: 10</td>
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<tr>
<td>Soft 18cm Ultrasound</td>
<td>Soft 18cm Classic</td>
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<tr>
<td>CE133 Quantity: 10</td>
<td>1816N Quantity: 10</td>
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<tr>
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<td>1816S Quantity: 10</td>
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<td>2316 Quantity: 10</td>
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Compatible with:

- 1816ST Quantity: 10
- 1816NST Quantity: 10
- CE418 Quantity: 10
- CE423 Quantity: 10
- 1816STN Quantity: 10
- TT1816 Quantity: 10
- TT1816N Quantity: 10

= Compatible
Wallace Sure-Pro Embryo Transfer Catheters

Supported Catheters

Technical Information
- Wallace Sure-Pro / Wallace Sure-Pro Ultra
- Inner catheter inner diameter: 0.76mm ID
- Inner catheter outer diameter: 1.52mm OD
- Outer sheath outer diameter: 2.5mm OD
- Volume of catheter not including hub (23cm catheter): 0.104ml (104µl)
- Volume per cm length of catheter: 0.0045ml (4.5µl)
- Suggested loading volume: 0.5 to 1cm = 2.25 to 4.5µl
- Obturator and stylet OD: 1.52mm OD
- Obturator and stylet protrusion from outer sheath: 2.7mm

Product Compatibility and Order Codes:
- Sure-Pro
  - PP623 Quantity: 10
  - Classic, soft 23cm
  - Supported Single-Stage
  - Obturator included within pack
  - Stylet included within pack
- Single Stage
  - PPS623 Quantity: 10
  - Classic, soft 23cm
  - Supported Single-Stage
  - Obturator included within pack
  - Stylet included within pack
- Elective Two-Stage
  - PPS623X Quantity: 10
  - Triple Pouched Classic, soft 23cm
  - Supported Elective Two-Stage
  - Obturator included within pack
  - Stylet included within pack

Sure-Pro Ultra

Technical Information
- PE623 Quantity: 10
- Sure View, soft 23cm
- Ultrasonic Supported Single-Stage
- Obturator included within pack
- Stylet included within pack
- PE623X Quantity: 10
- Sure View, soft 23cm
- Ultrasonic Supported Elective Two-Stage
- Obturator included within pack
- Stylet included within pack

Wallace Oocyte Recovery Needles

Wallace Single Lumen Oocyte Recovery Systems

Technical Information
- Needle ID: 1.24mm
- Needle OD: 1.7mm
- Volume of needle not including hub: 0.433ml
- Volume per cm length of needle: 0.0046ml
- Length of echogenic markings: 22mm
- Vacuum tubing length: 480mm
- Aspiration tubing ID: 1.52mm

Product Compatibility and Order Codes:
- Oocyte Recovery Needles
  - ON1633 Quantity: 10
  - 16g Needle 33cm
  - Fitted with 500mm aspiration tube
  - Compatible with:
  - 500mm aspiration tube
  - 750mm aspiration tube
  - 950mm aspiration tube
- ON1733 Quantity: 10
  - 17g Needle 33cm
  - Fitted with 500mm aspiration tube with luer lock
  - Fitted with 750mm aspiration tube with luer lock
  - Fitted with 950mm aspiration tube with luer lock
- ON1833 Quantity: 10
  - 18g Needle 33cm
  - Fitted with 500mm aspiration tube
  - Fitted with 750mm aspiration tube
  - Fitted with 950mm aspiration tube
  - Note: For 950mm tubing, order codes above. For 750mm and 500mm tubing lengths, the code is proceeded by -750 or -500

Wallace Dual Lumen Oocyte Recovery Systems

Technical Information
- Needle OD: 1.3mm
- Volume of aspiration lumen not including hub: 0.41ml
- Volume of flushing lumen not including hub: 0.04ml
- Volume per cm length of flushing lumen: 0.001ml
- Length of echogenic markings: 10mm
- Vacuum tubing length: 312mm
- Aspiration tubing ID: 1.52mm

Product Compatibility and Order Codes:
- Oocyte Recovery System
  - DNS1633-950 Quantity: 10
  - 16g Needle 33cm
  - Compatible with:
  - 500mm aspiration tube
  - 750mm aspiration tube
  - 950mm aspiration tube
  - DNS1633-750 Quantity: 10
  - 16g Needle 33cm
  - DNS1633-500 Quantity: 10
  - 16g Needle 33cm
  - DNS1733-950 Quantity: 10
  - 17g Needle 33cm
  - DNS1733-750 Quantity: 10
  - 17g Needle 33cm
  - DNS1733-500 Quantity: 10
  - 17g Needle 33cm
  - DNS1833-950 Quantity: 10
  - 18g Needle 33cm
  - DNS1833-750 Quantity: 10
  - 18g Needle 33cm
  - DNS1833-500 Quantity: 10
  - 18g Needle 33cm
  - Note: Available in the USA
  - Not available in the USA

*Not available in the USA
Our industry-leading ART development program is delivered from Centers of Excellence across the globe, as well as collaboratively at our external partners’ training facilities, such as the Center for Reproductive Medicine at the VUB in Brussels.

We offer a wide range of courses and workshops for embryologists, gynecologists, lab managers and R&D scientists at every level of experience, with hands-on expert training in breakthrough technologies and next-generation techniques.

Discover the newest technologies and treatment solutions with our theoretical and hands-on courses from embryology, ICSI, biopsy and genetics to lab design, management and study design.

Explore our global training locations

Wallace Intrauterine Insemination Catheters

Technical Information

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<tr>
<th>Description</th>
<th>Measurement</th>
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<tr>
<td>Inner catheter inner diameter</td>
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<tr>
<td>Inner catheter outer diameter</td>
<td>1.38mm OD</td>
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<td>Outer sheath outer diameter</td>
<td>2.3mm OD</td>
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<td>Stylet protrusion from outer sheath</td>
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<td>Volume of catheter not including hub (18cm)</td>
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<td>Volume per cm of catheter</td>
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Product Compatibility and Order Codes:

Intra-uterine Insemination

<table>
<thead>
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<th>Code</th>
<th>Description</th>
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<tr>
<td>ARC18</td>
<td>Intra-uterine Insemination catheter (18cm)</td>
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Compatible with

1816ST

Quantity: 10 - Stylet for introducing the 18cm ET catheter
A solution as unique as your business

At CooperSurgical, we partner with you to drive clinical efficiency

When you partner with CooperSurgical you become part of a truly global network of clinical experts ready to support you with highly specialized solutions, both for individual clinics and across large organizations. By providing you with optimal products, services and training our aim is to offer you the best possible support to drive the efficiency of your clinic – and achieve the best results.