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.

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 procedures1-4,6

Ultrasound image of the SureView catheter within the uterus

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 0.14mm (+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.

Our company

The Wallace brand of embryo transfer catheters and oocyte recovery needles 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 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.

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

For references please see page 9

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 transfers7
- 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 and 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 within the ovary/follicle. 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
- Silicone bung for an easy and secure fit with test tubes
- Luer lock compatible connections
- Available with luer lock at bung for intermittent flushing
- Colour coded tubing sleeves: 16g = Blue 17g = Red 18g = White
- Needle Length: 33cm

* Needle only option not available in the USA

Wallace Single Lumen Oocyte Recovery System (18g)

Triple ground needle tip for optimum sharpness
Echo markings at needle tip
Luer lock compatible connections
Available with luer lock at bung for intermittent flushing
Kink resistant silicone sleeve
Vacuum tubing ready connected
Aspiration tubing

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
- Silicone bung for an easy and secure fit with test tubes
- Allows for continual or intermittent flushing during oocyte recovery
- Colour coded tubing sleeves: 16g = Blue 17g = Red
- Needle Length: 33cm
- Pump adaptor

Wallace Dual Lumen Oocyte Recovery System (16g)

Ergonomic handle for maximum control
Cross section of dual lumen needle
Flushing tubing
Vacuum tubing
Aspiration tubing
Pump adaptor

Cross section of dual lumen needle

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Equivalent flow diameter</th>
</tr>
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<tbody>
<tr>
<td>16g</td>
<td>1.17mm</td>
</tr>
<tr>
<td>17g</td>
<td>0.99mm</td>
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</tbody>
</table>

Wallace Dual Lumen Oocyte Recovery System (18g)

Available in 16g and 17g with color coded sleeves
Orientation marker to identify needle bevel
Echo markings at needle tip
Flushing lumen extends to needle tip

Wallace Single Lumen Oocyte Recovery System

Available in 16g and 17g with color coded sleeves
Orientation marker to identify needle bevel
Echo markings at needle tip
Flushing lumen extends to needle tip

Color coded tubing sleeves:
16g = Blue
17g = Red
18g = White

Gauge Equivalent flow diameter
16g 1.17mm
17g 0.99mm

Wallace Single Lumen Oocyte Recovery System

Available in 16g and 17g with color coded sleeves
Orientation marker to identify needle bevel
Echo markings at needle tip
Flushing lumen extends to needle tip

Color coded tubing sleeves:
16g = Blue
17g = Red

Gauge Equivalent flow diameter
16g 1.17mm
17g 0.99mm
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
- Similar catheter 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, order codes and technical information

Wallace embryo transfer catheters

Soft catheters

Technical Information

Wallace Classic / Wallace SureView

| Inner catheter inner diameter | 0.76mm ID |
| Inner catheter outer diameter | 1.32mm OD |
| Outer sheath outer diameter | 2.3mm OD |
| Volume of catheter not including hub (18cm catheter) | 0.081ml (81µl) |
| 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 |
| Stylet OD | 1.52mm OD |
| Stylet protrusion from outer sheath | 2.0mm |

Product compatibility and order codes:

Wallace SureView

| CE118 | Quantity: 10 | Soft 18cm Ultrasound |
| CE123 | Quantity: 10 | Soft 23cm Ultrasound |
| 1816 | Quantity: 10 | Soft 18cm Classic |
| 1816N | Quantity: 10 | Soft 23cm Classic |
| 2316 | Quantity: 10 | Intermediate 23cm Classic |

Compatible with:

1816ST

| Quantity: 10 |
| Rigid Stylet for introducing the 18cm |

1816NST

| Quantity: 10 |
| Rigid Stylet for introducing the 23cm |

CE418

| Quantity: 10 |
| Trial transfer catheter blind end (18cm) ultrasound visible |

CE423

| Quantity: 10 |
| Trial transfer catheter blind end (23cm) ultrasound visible |

TT1816

| Quantity: 10 |
| Trial transfer catheter blind end (18cm) Classic catheter |

TT1816N

| Quantity: 10 |
| Trial transfer catheter blind end (23cm) Classic catheter |

✓ = 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 syringe pack
- Obturator and syringe pack
- **PP623**
  - Classic, soft
  - Quantity: 1
  - Length: 23cm
- **PEB623**
  - Secure, soft
  - Quantity: 1
  - Length: 23cm

### Wallace Sure-Pro Ultra

- **PE623**
  - Classic, soft
  - Quantity: 1
  - Length: 23cm
- **PES623**
  - Classic, soft
  - Quantity: 1
  - Length: 23cm

### Product compatibility and order codes:
- **Sure-Pro**
  - **PP623**
    - Quantity: 1
    - Length: 23cm
  - **PEB623**
    - Quantity: 1
    - Length: 23cm

### Wallace Oocyte Recovery Needles

### Wallace Single Lumen Oocyte Recovery Systems

**Technical Information**

- **16g**
  - Needle ID: 1.24mm
  - Needle OD: 1.7mm
  - Volume of needle not including hub: 0.434ml
  - Volume per cm length of needle: 0.012ml
  - Length of echogenic markings: 22mm
  - Vacuum tubing length: 480mm
  - Aspiration tubing ID: 1.52mm
  - Aspiration tubing OD: 2.5mm

**Order Codes:**

- **ON1633**
  - Quantity: 1
  - Length: 33cm
- **ONS1633**
  - Quantity: 1
  - Length: 33cm
- **ONS1833**
  - Quantity: 1
  - Length: 33cm
- **ONS1733**
  - Quantity: 1
  - Length: 33cm
- **ONS1733LL**
  - Quantity: 1
- **ONS1633LL**
  - Quantity: 1

**Compatible with:**
- 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 300mm tubing lengths, the code is preceded by -750 or -300

### Wallace Dual Lumen Oocyte Recovery Systems

**Technical Information**

- **16g**
  - Needle ID: 1.24mm
  - Needle OD: 1.7mm
  - Volume of aspiration lumen not including hub: 0.411ml
  - Volume of flushing lumen not including hub: 0.044ml
  - Volume per cm length of aspiration lumen: 0.011ml
  - Volume per cm length of flushing lumen: 0.001ml
  - Length of echogenic markings: 10mm
  - Vacuum tubing length: 750mm
  - Aspiration tubing ID: 1.52mm

**Order Codes:**

- **DNS1633-950**
  - Quantity: 1
  - Length: 33cm
- **DNS1633-750**
  - Quantity: 1
  - Length: 33cm
- **DNS1633-500**
  - Quantity: 1
  - Length: 33cm
- **DNS1733-950**
  - Quantity: 1
  - Length: 33cm
- **DNS1733-750**
  - Quantity: 1
  - Length: 33cm

**Compatible with:**
- Fitted with 500mm aspiration tube
- Fitted with 750mm aspiration tube
- Fitted with 950mm aspiration tube

*Not available in the USA

### Wallace Oocyte Recovery Needles

### Wallace Single Lumen Oocyte Recovery Systems

**Technical Information**

- **16g**
  - Needle ID: 1.24mm
  - Needle OD: 1.7mm
  - Volume of needle not including hub: 0.434ml
  - Volume per cm length of needle: 0.012ml
  - Length of echogenic markings: 22mm
  - Vacuum tubing length: 480mm
  - Aspiration tubing ID: 1.52mm
  - Aspiration tubing OD: 2.5mm

**Order Codes:**

- **ON1633**
  - Quantity: 1
  - Length: 33cm
- **ONS1633**
  - Quantity: 1
  - Length: 33cm
- **ONS1833**
  - Quantity: 1
  - Length: 33cm
- **ONS1733**
  - Quantity: 1
  - Length: 33cm
- **ONS1733LL**
  - Quantity: 1
- **ONS1633LL**
  - Quantity: 1

**Compatible with:**
- 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 300mm tubing lengths, the code is preceded by -750 or -500

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11

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12
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.

**Take your clinic into the future**

**Technical Information**

| Inner catheter inner diameter | 1.07mm ID |
| Inner catheter outer diameter | 1.58mm OD |
| Outer sheath outer diameter   | 2.3mm OD  |
| Stylet protrusion from outer sheath | 2.0mm |
| Volume of catheter not including hub (18cm) | 0.17mm |
| Volume per cm of catheter   | 0.009mm |

**Product Compatibility and Order Codes:**

**Intra-uterine Insemination**

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<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
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<tr>
<td>AIC18</td>
<td>Intra-uterine Insemination catheter (18cm)</td>
<td>10</td>
</tr>
</tbody>
</table>

Compatible with:

18161ST

Quantity: 10 - Stylet for introducing the 18cm ET catheter

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**Wallace Intrauterine Insemination Catheters**

**Intra-uterine Insemination**

<table>
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Compatible with:

18161ST

Quantity: 10 - Stylet for introducing the 18cm ET catheter

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**Explore our global training locations**

![Map of global training locations](image-url)
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.