

Assisted Reproduction

Embryo Transfer, Follicle Aspiration, Insemination

SOMATEX
MEDICAL TECHNOLOGIES 

www.somatex.com

Assisted Reproduction

Top quality „designed in Germany“

SOMATEX® presents a range of products attuned to the needs of the user undertaking oocyte retrieval, embryo transfer and insemination. Top quality means that SOMATEX® products are reliable instruments that are comfortable in use. The materials employed and their processing are guaranteed to be as non-invasive as possible and non embryo-toxic. Every batch of the gamma sterile range of products is MEA (mouse embryo assay) and LAL (endotoxin assay) tested. Products in contact with sperm are SMA (Sperm Motility Assay) tested. All products are fitted with a standard luer lock connector.

Treatment methods/use

- Intrauterine insemination (IUI)
- In vitro fertilisation (IVF)
- Intracytoplasmic sperm injection (ICSI)
- etc.



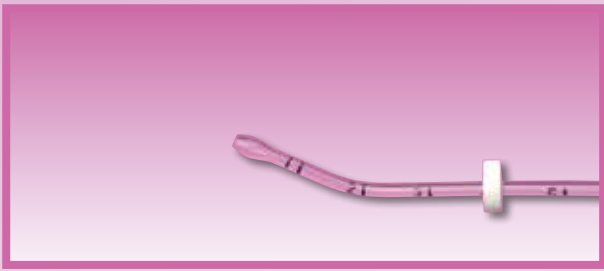
Embryo Transfer

Maximal protection for the patient and embryo

SOMATEX® catheters are used for transferring embryos. Development has focused on protecting the embryo and optimally embedding it whilst causing the least intrauterine disturbance to the patient. This is ensured by very good visibility under ultrasound and the ergonomic design of the grip enabling comfortable navigation and assured positioning of the embryo.

The proven Embryo-Transfer-Set combines the firm Cervix-Catheter with a soft and flexible Embryo-Transfer-Catheter.

The set is also available as Embryo-Transfer-Set Plus with an 1 ml syringe. The Embryo-Transfer-Catheter and the Cervix-Catheter are obtained separately.



Characteristics of the Cervix-Catheter

- Distal olive
- Material lubricated
- Pre-formed
- Distal depth marks
- Adjustable depth stop
- Compatible with high-quality coated ART Mandrin

Advantages at a glance

- Atraumatic catheter tip
- Safely manipulated even in difficult anatomical conditions
- Individually adjustable depth of penetration and direction

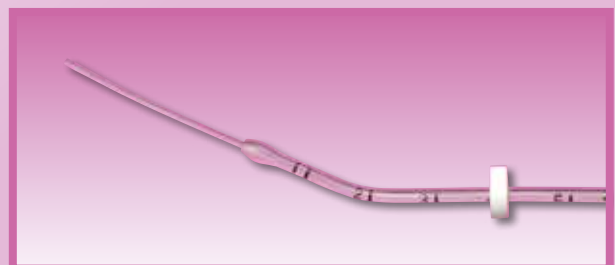


Embryo-Transfer-Set

Atraumatic catheter tip with distal olive

Characteristics of the Embryo-Transfer-Set

- In 2 parts with firm Cervix-Catheter and soft, flexible Embryo-Transfer-Catheter
- Rounded soft tip
- Proximal mark on transfer-catheter
- Ergonomic hand grip



Order No.	Description	Length
420 320	Embryo-Transfer-Set	180 mm 247 mm
420 325	Embryo-Transfer-Set Plus	180 mm 247 mm

Follicle Aspiration

Maximal non-invasiveness from the start

The **SOMATEX® Follicle-Aspiration-Needle** contains all the appropriate instruments for safely removing an oocyte. The specially developed Follicle-Aspiration-Needle is completed by removable tubing accessories optionally available with or without a 3-way valve, luer lock connectors and a sealing plug made of medical silicone, appropriate for all commercially available sample vials.

In developing the Follicle-Aspiration-Needle, particular attention was paid to ensuring that it is easily visible under ultrasound, to its sharpness and stability, its surface treatment and the design of the grip. All these factors together make the single lumen needle a reliable instrument which is comfortable to manipulate.

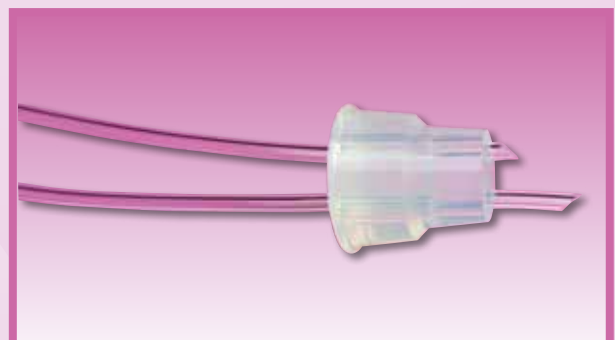


3-way valve (Follicle-Aspiration-Set)



Follicle-Aspiration-Needle

Specially developed grip design
for comfortable handling



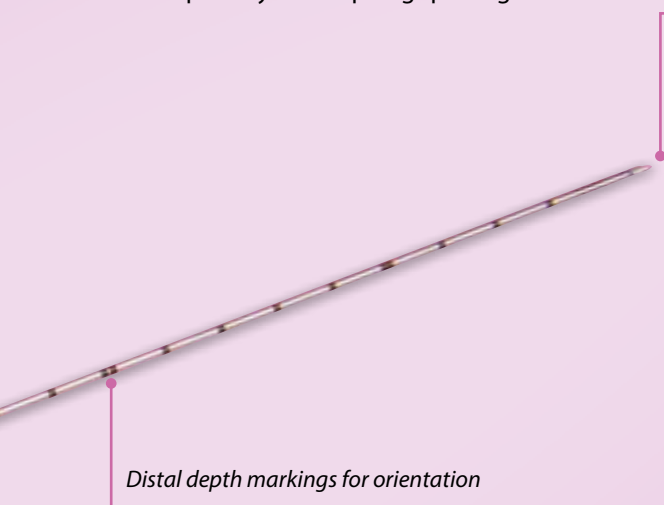
Tubing set with silicone plug (Follicle-Aspiration-Set)

Follicle-Aspiration-Needle

- Echogenic, atraumatic trocar
- Special ultrasound marking
- Anti-friction coated tubing shaft
- Single lumen needle
- Specially developed grip design



Sharp facette cut needle tip and additional markings for outstanding echogenicity



Distal depth markings for orientation

Advantages at a glance

- Outstanding visibility under ultrasound
- Particularly atraumatic on account of extremely sharp needle cutting point
- Can be oriented to correctly line up the cutting point of the needle
- Comfortable and safe handling

Follicle-Aspiration-Set

- Tubing accessories made from kink-resistant material
- Smooth cannula and needle connection
- Multi-compatible medical silicone plug
- 3-way valve for follicle rinsing
- Luer lock connectors

Order No.	Description	Gauge	Diameter	Needle length
420 165	Follicle-Aspiration-Set 16 G	16 G	1,60 mm	350 mm
420 166	Follicle-Aspiration-Set 16 G (aspiration tube without 3-way valve)	16 G	1,60 mm	350 mm
420 175	Follicle-Aspiration-Set 17 G	17 G	1,40 mm	300 mm
420 176	Follicle-Aspiration-Set 17 G (aspiration tube without 3-way valve)	17 G	1,40 mm	300 mm
420 185	Follicle-Aspiration-Set 18 G	18 G	1,20 mm	300 mm
420 186	Follicle-Aspiration-Set 18 G (aspiration tube without 3-way valve)	18 G	1,20 mm	300 mm

Follicle aspiration

with double-lumen aspiration needle

In the development of the double-lumen aspiration needle special attention was paid on outstanding ultrasound visibility, optimized needle sharpness and stability as well as on special surface treatment. The double-lumen allows simultaneous aspiration and flushing without changing instruments.

The double-lumen aspiration needle comes as a set with a removable tubing accessories, Luer-Lock-connectors and a multi compatible silicone sealing plug appropriate for all commercial available sample vials.

Advantages of the double-lumen aspiration needle

- Special ultrasound marker
- Anti-friction coated tubing shaft
- The double-lumen allows simultaneous aspiration and flushing

Content of the follicle aspiration set

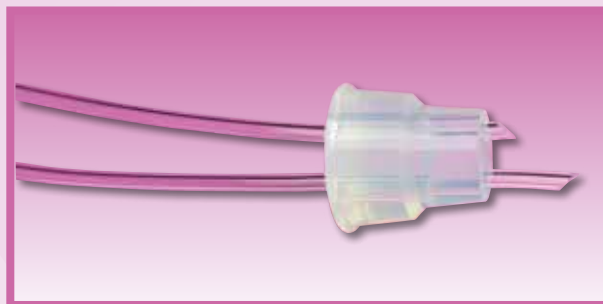
- Double-lumen needle 16 G x 350 mm
- Hose accessories from kink-resistant material
- Multi compatible silicone sealing plug
- Luer-Lock connectors



Double-lumen aspiration needle with ultrasound markers



Luer-Lock connectors



Tubing accessories with multi compatible silicone plug

Article number	Description	Gauge	Diameter	Needle length
420 190	Follicle-Aspiration-Set DL with double-lumen needle	16 G	1,60 mm	350 mm

Insemination

Gentle, targeted placement

SOMATEX® has developed a catheter especially for use for insemination. Using this catheter, the processed spermatozoa are introduced into the fallopian tubes. The Insemination Catheter is compatible with the high-quality coated ART mandrin.

Characteristics of the insemination catheter

- Echogenic catheter tip
- Rounded Soft-Tip catheter
- Distal depth marks
- Distal lateral holes
- Ergonomic hand grip



Advantages at a glance

- Can change shape
- Particularly atraumatic
- Optimal intrauterine placement
- Comfortable to handle
- Catheter comfortably guided with optimal placement of the sperm



*Insemination Catheter:
Distal lateral holes and depth markings*

Order No.	Description	Catheter Length
420 211	Insemination Catheter	182 mm

Optimal additions to your instrumentation

ART Mandrin

To achieve greater stability, the SOMATEX® Embryo-Transfer-Set and the Cervix- and Insemination Catheters can be used with an appropriate coated mandrin.

Characteristics of the ART Mandrin

- Outstanding visibility under ultrasound
- Flexible mandrin with shape memory
- Comfortable to handle



Order No.	Description	Catheter Length
420 902	ART Mandrin	206 mm