

# MICRO GLASS PIPETTES

**REPROLINE**





## ● Quality assurance

Reproline medical GmbH administrates a quality management system according to **DIN EN ISO 13485:2012** for the production and the distribution of products for reproductive medicine and laboratory needs and guidance in medical technology. All products are **CE-certified** according to the latest European standard.

## ● Quality control

All products of Reproline medical GmbH are manufactured in a certified clean room of ISO class 7 and have to pass manifold quality controls during the production-processes, so that each product that leaves our production site has undergone a **100%-control**.

Computer technologies, laser optics and computer assisted production processing not just deliver a high number of product data, but also a precision and accuracy reflecting in the quality and reproducibility of the products. The assurance of the permanently highest quality standard is monitored consistently, confirmed by the end control and documented in a quality protocol.

Additionally the production lot of each product listed here is tested for **mouse embryo toxicity (MEA)** and **endotoxins (LAL)** and is released for sale not before having passed these tests.

## ● Sterilisation method

All raw materials are adapted optimally to the validated sterilisation process by gamma irradiation during the developmental phase. We guarantee the sterility of our products according to **DIN EN ISO 11137**.

## Keycodes



Products with this symbol are tested for mouse embryo toxicity (MEA).



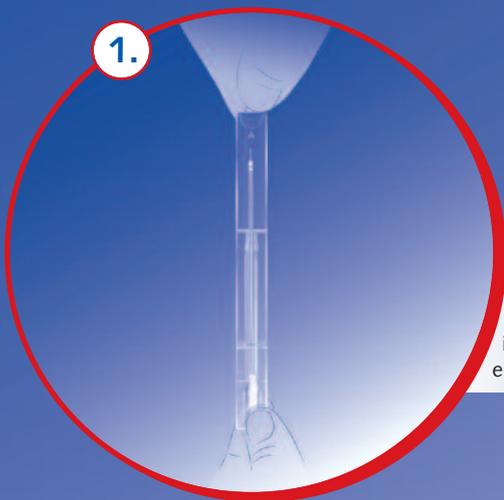
Products with this symbol are sterilized by gamma irradiation using a validated process according to DIN EN ISO 11137.



Products with this symbol are tested for endotoxines (LAL).

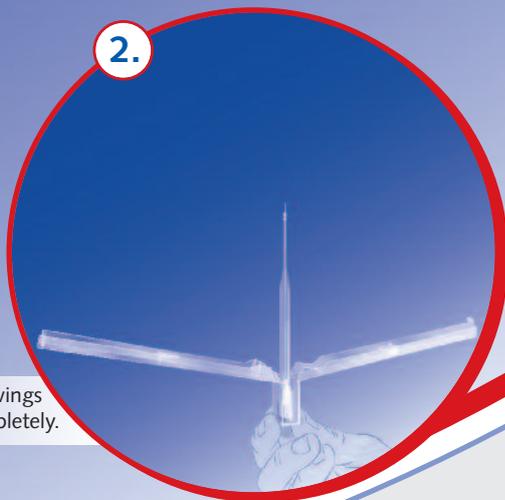


1.



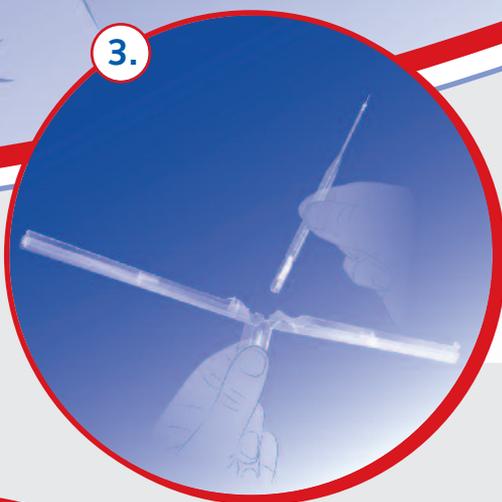
After removing the packaging out of the pouch open the packaging by holding it at both ends, than open the clip at the end that is marked by an arrow.

2.



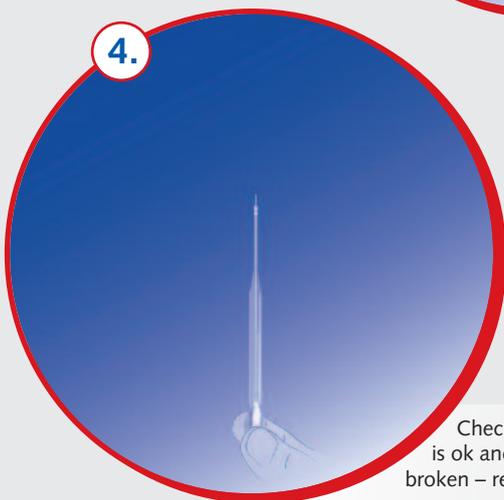
Unfold the wings completely.

3.



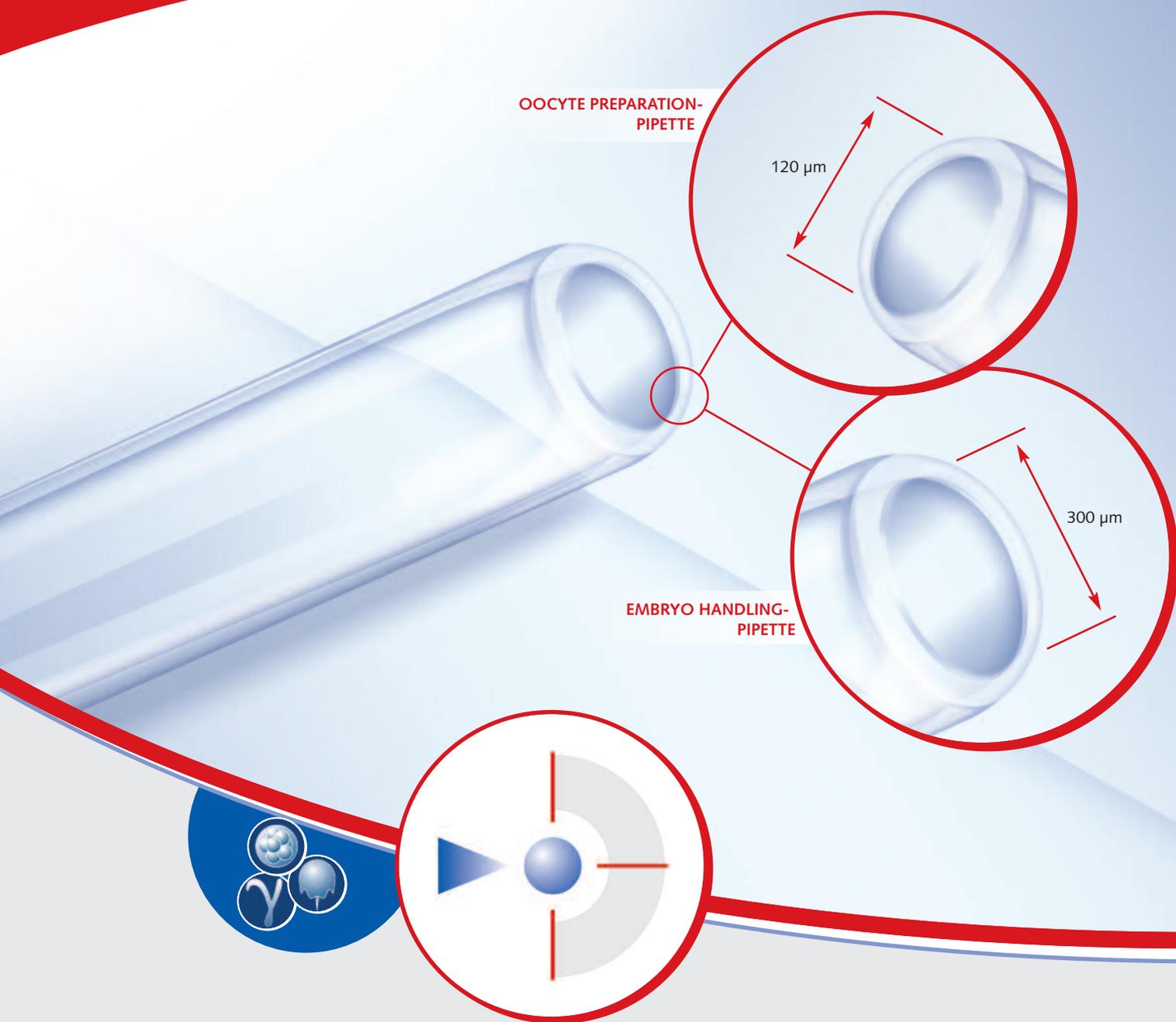
Remove the pipette.

4.



Check if the pipette is ok and the tip is not broken – ready to start!

# OOCYTE PREPARATION- & EMBRYO HANDLING-PIPETTE

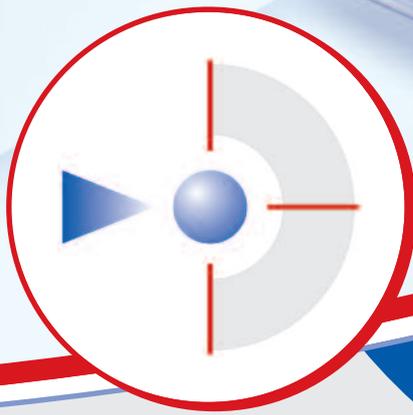
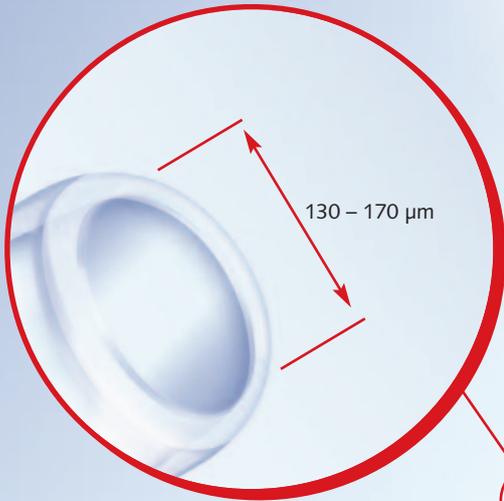


The **Oocyte-Preparation-Pipette** connected with the MultiPreparation-Tube (Art. No. 441291) forms a mouthpipetting system, that can be used for the denudation as well as for transfer of the oocytes from dish to dish. The tip is well rounded by firepolishing. The inner lumen of the tip is small, but the special shape of the tip avoids damage of the oocytes.

The **Embryo-Handling-Pipette** connected with the Multi-Preparation-Tube (Article No. 441291) forms a mouth-pipetting system that can be used for all procedures where dish-to-dish transfer, washing or selection of oocytes, zygotes or embryos have to be done. It is therefore a tool for multiple purposes. The wide and even inner lumen as well as the firepolished tip of the pipette avoids damage and deformation of the cells. Even expanded blastocysts can be handled without any problems.

Sterile: by gamma radiation  
Packaging: individually sterile packed, 25 pcs per Box (sales unit)

Order No.	inner Ø	REF	
	120 µm	441281	Oocyte preparation-pipette
	300 µm	441282	Embryo handling-pipette

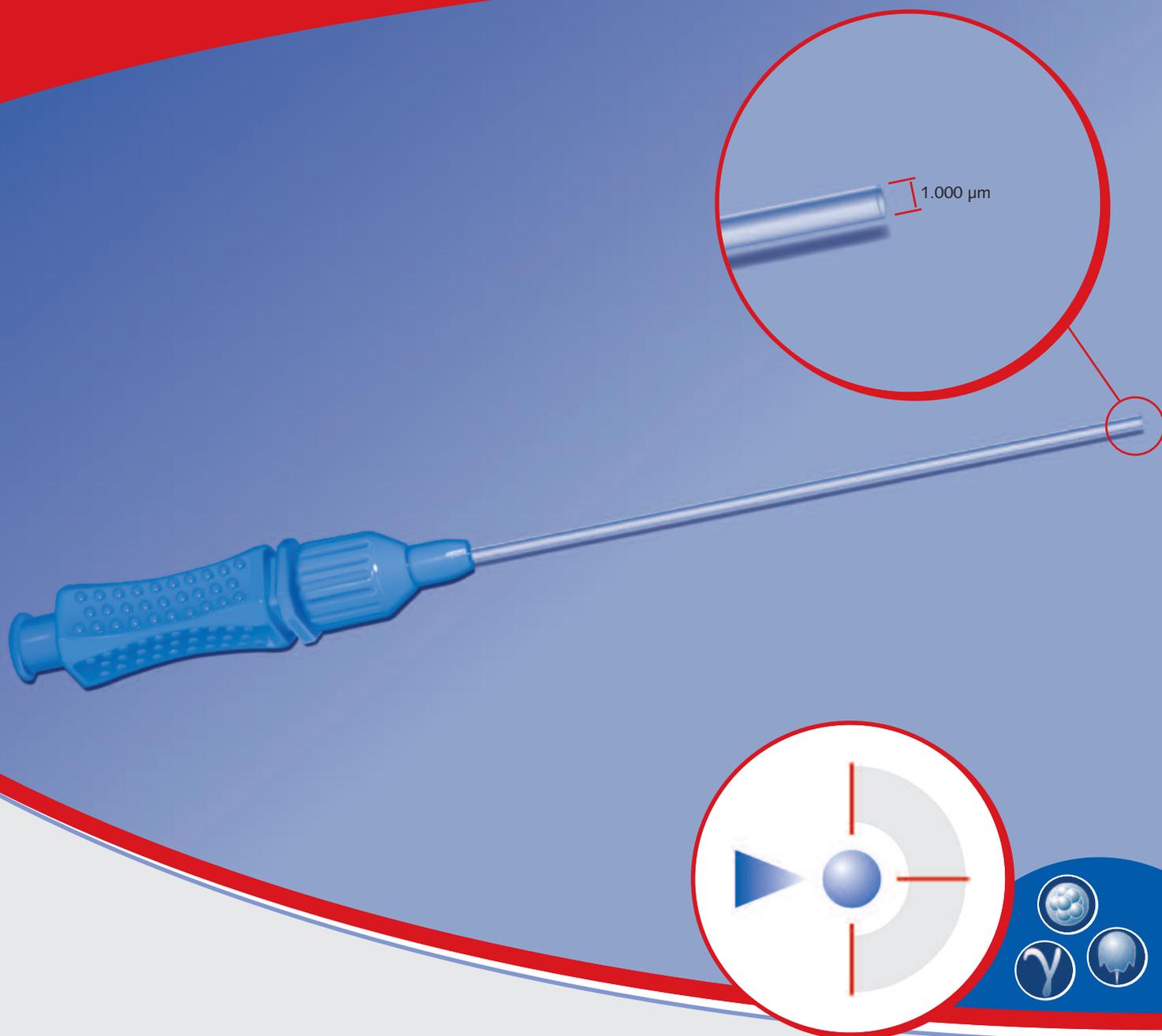


Sterile: by gamma radiation  
Packaging: individually sterile packed, 25 pcs per Box (sales unit)

REF	INNER DIAMETER
441292	130 μm
441293	140 μm
441294	150 μm
441295	160 μm
441296	170 μm

The **Denudation-Pipettes** connected with the MultiPreparation-Tube (Art. No. 441291) forms a mouth-pipetting system, that can be used for the denudation of the oocytes before the microinjection by ICSI and at day one after insemination in normal IVF. Adherent cumulus and corona cells can be removed by repeated gentle aspiration and expiration of the oocytes. Because of the even inner lumen and the firepolished tips of the pipettes deformation or damage of the eggs is excluded. Pipettes can be ordered with inner diameters of 130 μm, 140 μm, 150 μm, 160 μm and 170 μm. The optimized packing allows a secure, sterile transport and a simple and safe taking out of the pipette.

# OVUM PICK UP

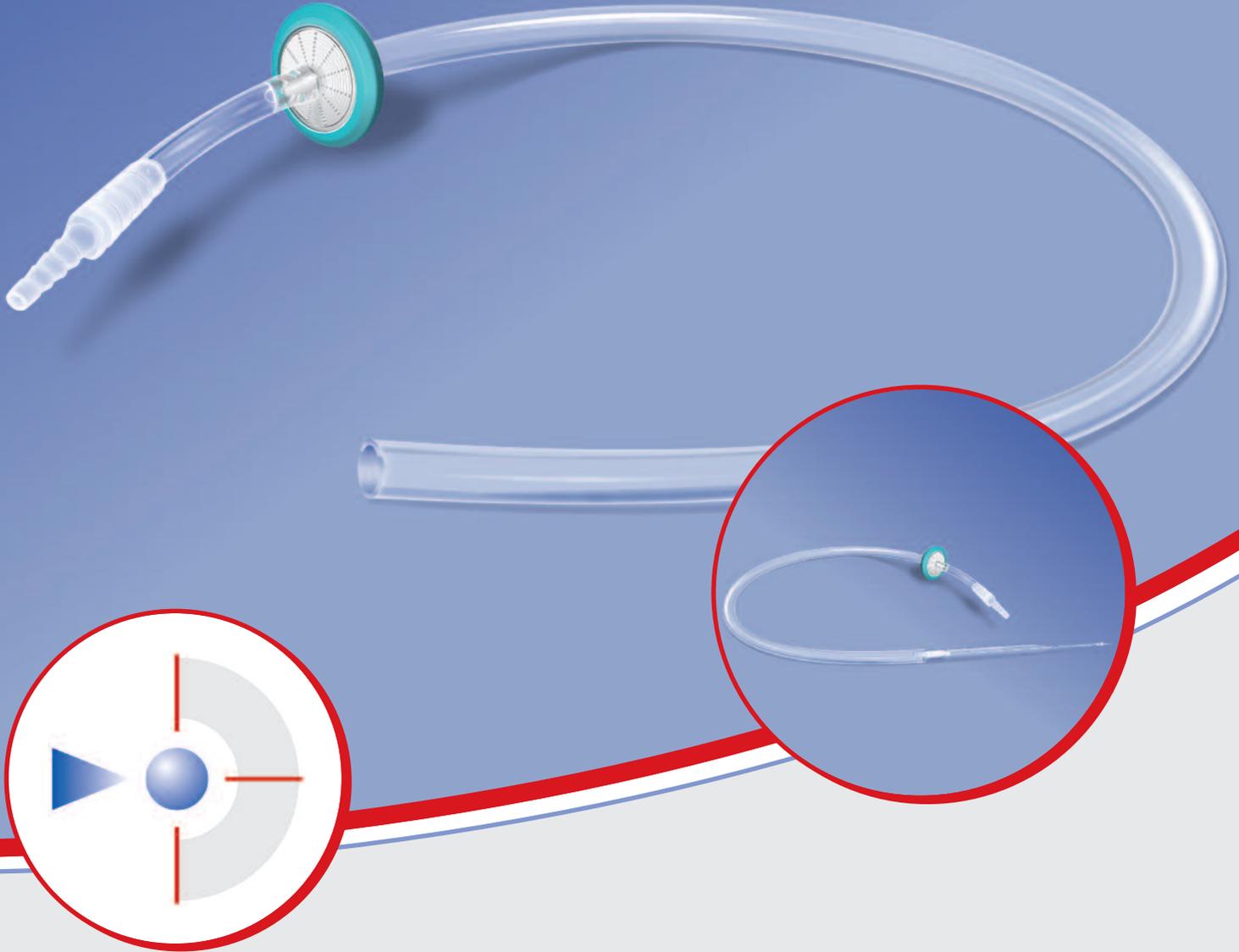


With the **Multi-Preparation-Pipette** and a normal disposable 1 ml syringe the oocyte-cumulus complexes that have been aspirated during a follicle puncture can be picked-up, rinsed and transferred into culture dishes. Because of the firepolished tip and the wide inner lumen of the pipette damage of the oocytes can not occur. The Luer-connector offers a secure and simple-to-use connection of the syringe and the pipette. The optimized packing allows a secure, sterile transport and a simple and safe way to take out the pipette.

## REF

445015	Ovum Pick up, individually sterile packed, sales unit = 50 pcs
445015/5	Ovum Pick up, 5 pcs packed in a pouch, sales unit = 50 pcs
445015K	Ovum Pick up short, individually sterile packed, sales unit = 50 pcs
445015K/5	Ovum Pick up short, 5 pcs packed in a pouch, sales unit = 50 pcs

Sterile: by gamma radiation



The **Multi-Preparation-Tube** is a mouth-pipetting system, that is composed especially for the use of OocytePreparation- and Embryo-Handling-Pipettes (Article-Nos. 441281, -92, -93, -94 and 441282) but also other pipettes can be used. It allows the user a sensitive handling of oocytes, zygotes and embryos by gentle sucking and blowing with the mouth. It is ready for use and because of its sterile filter it offers optimal protection against contaminations for the biological material as well as for the user. The optimized peel-packing allows a secure transport and a simple and safe way to take the pipette out of the tube system.

REF 441291  
sales unit = 25 pcs.



120  $\mu\text{m}$

140  $\mu\text{m}$

150  $\mu\text{m}$

130  $\mu\text{m}$

160  $\mu\text{m}$

170  $\mu\text{m}$

300  $\mu\text{m}$

1.000  $\mu\text{m}$

Our product specialists look forward to advise and train you.

# REPROLINE

*medical*

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