



MASSTEC MEDICAL CO.

GYNECOLOGICAL CATHETERS

- Intrauterine Insemination Catheter
- Ovum Aspiration Needle
- Embryo Transfer Catheter Set
- Endometrial Suction Curette
- Hysterometer
- Intrauterine Device Hook





About us

■ Background

Masstec Medical Co. is a medical device manufacturing company, founded in 2013 as a subsidiary of Poursina Hakim Holding Co. Taking advantage of prominent physicians' guidance and deployment of expert engineers has led to the company gaining a deep understanding of **physicians' in-action challenges** and the **pain patients go through.**

■ **Achievements:**

- Achieving the technical knowledge and skills needed to design and manufacture ovum aspiration needles and embryo transfer catheters.
- Introducing the disposable models of some devices for the first time in Iran (products such as the company's disposable endometrial suction curette, hystrometer, and IUD hook).
- The company is among the Iranian market's leading manufacturers of disposable gynecology catheters.

■ **Massiah's life-giving breath:**

“The delight of healing” is Masstec’s motto which concisely explains our organizational mission.



Certificates and Permits



Free Sales Certificate



National Medical
Device Directorate IR.IRAN



جمهوری اسلامی ایران
وزارت صنعت، معدن و تجارت



ISO 9001



ISO 13485



IUI Catheter

Intrauterine Insemination is considered one of the oldest and most practical methods for treating infertility. In this method, concentrated sperm is introduced into the uterus. For this purpose, a special catheter, called an IUI catheter, is used.

■ Models:

- Simple IUI Catheter and IUI Catheter with Mandrel

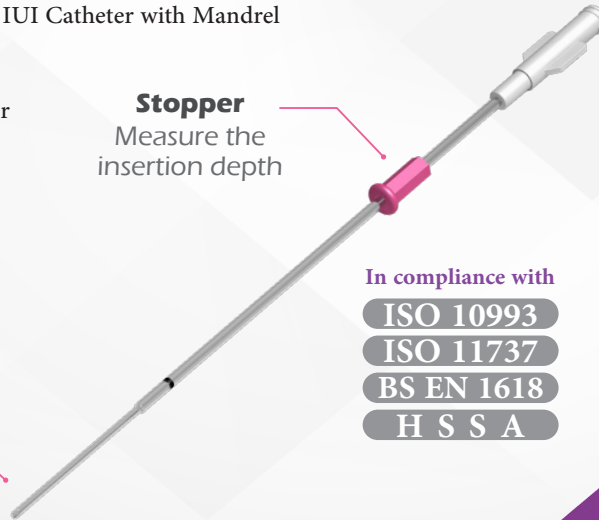
■ Specifications:

- Dimensions: 17 cm × 8 Fr
- EO sterilized



Close-end
Atraumatic design

Stopper
Measure the
insertion depth



Luer-lock hub
Ensure the syringe
connection

In compliance with

ISO 10993

ISO 11737

BS EN 1618

H S S A

IVF Needle – Ovum Aspiration

Oocyte (egg) retrieval or ovarian puncture is a procedure carried out in the IVF process during which the ovary is stimulated using specific drugs and then, using a special needle called the Ovum Aspiration Needle, and under the guidance of ultrasound imaging, oocytes are extracted from the ovary and stored in laboratory conditions.

■ Specifications:

- Needle: 33 cm × 17 G
- Aspiration line: 90 cm
- EO sterilized



Echogenic marking
Clear tracking of the needle tip

Stiff Cannula needle

Allows precise insertion into follicles

In compliance with

ISO 10993

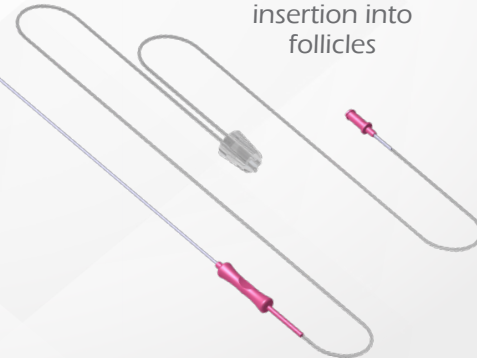
ISO 11737

ASTM F1980

ISO 9626

BS EN 1618

M E A



IVF Catheter – Embryo Transfer

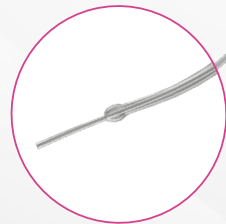
During the IVF procedure, the embryo is placed into the uterus using a special device called an Embryo Transfer Catheter. This device comprises two catheters, namely the guiding catheter and the transfer catheter.

■ Specifications:

- Guiding catheter: 17 cm × 6.6 Fr
- Transfer catheter: 24 cm × 2.7 Fr
- EO sterilized

Ultra-soft and biocompatible material

Guarantee the safety of the embryo during procedure



Echogenic tulip end

Atraumatic insertion and ultrasound visualization

In compliance with

ISO 10993

ISO 11737

ASTM F1980

ISO 9626

BS EN 1618

M E A

Endometrial Curette – Simple Suction

Endometrial and uterine biopsy are generally performed on those suspected to have cancer in order to accurately diagnose the condition. Using an endometrial suction curette enables physicians to extract the required sample tissue for pathology tests by applying suction and gently scraping the endometrium, while causing minimal trauma and discomfort.

■ Specifications:

- Dimensions: 24 cm × 10 Fr
- EO sterilized

In compliance with

ISO 10993

ISO 11737

ASTM F1980

BS EN 1618



Endometrial Curette – Syringe Suction

■ Specifications:

- Dimensions: 22 cm × 9 Fr
- EO sterilized



Sufficient sample tissue
No need to repeat the procedure anymore

Ease of use
With twist-lock syringe

Close-end
Atraumatic design

In compliance with

- ISO 10993
- ISO 11737
- ASTM F1980
- BS EN 1618

Hysterometer

A hysterometer is a device used for this purpose. Although previously reusable hysterometers were more widely used, nowadays, due to higher hygienic standards and to prevent the transmission of contagious diseases, disposable hysterometers are more in demand.

■ Specifications:

- Dimensions: 17 cm × 12 Fr
- EO sterilized

Disposable design

Prevent cross contamination and infection

In compliance with

ISO 10993

ISO 11737

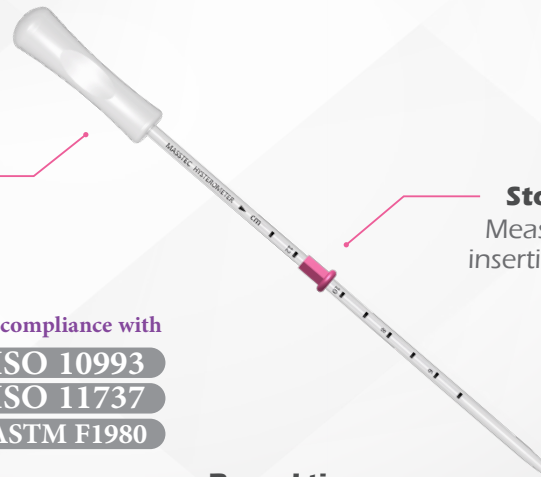
ASTM F1980

Stopper

Measure the insertion depth

Round tip

Atraumatic design for safe usage

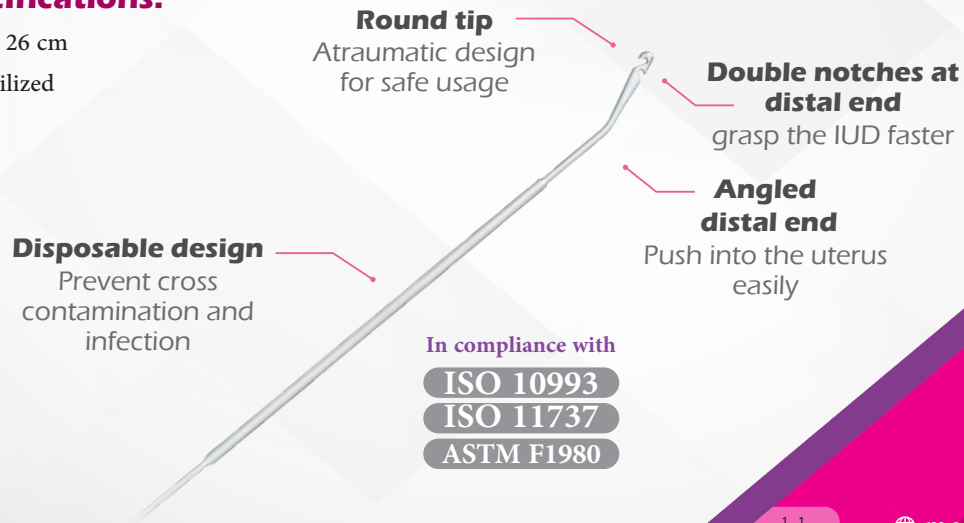


IUD Hook

This disposable device, which has two notches at its distal end, is used for extracting Intrauterine Devices (IUD) from the patient's uterus.

■ Specifications:

- Length: 26 cm
- EO sterilized





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