

**PRODUCT
CATALOGUE**

IUI AND EMBRYO TRANSFER
CATHETERS
OOCYTE RETRIEVAL
NEEDLES



Quality Results
for Life

OOCYTE RETRIEVAL **NEEDLES**

OOCYTE RETRIEVAL NEEDLES

Manufactured from high quality stainless steel, its triple cut blade provides a fast puncture, minimizing damage to the ovarian tissue. The excellent control of the puncture allows the operation time to be reduced, retrieving oocytes in the best possible conditions.

Its "Thin Wall" design allows the same internal aspiration diameter to be maintained with needles of a smaller external diameter, thus reducing the risk of bleeding and lesions for the patient, improving their recovery time.

Our range of diameters, from 16G to 21G, the largest on the market, offers ideal options for working with patients with low response, or even in natural cycles, allowing the follicular aspiration to be carried out without anesthetic with the smallest diameters.

Main Features

TIP WITH ECHOGENIC MARKING

Guarantees high ultrasound visibility and a safer approach to the follicle thanks to the marking to the very tip of the needle

THIN WALL DESIGN

Provides thinner needles maintaining the same inner diameter

TRIPLE CUT BLADE

Ensures a clean and smooth puncture minimizing trauma and improves patient recovery after oocyte retrieval

ERGONOMIC HANDLE WITH POSITION MARKER

Provides additional control throughout the oocyte pick-up and helps to control the position of the needle blade

SILICON BUNG WITH SYRINGE CONNECTION

Facilitates the flushing of the needle

OOCYTE RETRIEVAL NEEDLES

The IVF journey starts with the oocyte retrieval process:

The correct choice of oocyte retrieval needles, ensures successful follicular aspiration and maximizes the number of oocytes retrieved.

FOLLICULAR ASPIRATION

Follicular aspiration consists of aspirating the fluid from the ovarian follicles vaginally using an ultrasound-guided needle.



Learn more about
**The Importance of
Aspiration Pressure
for an Efficient
Oocyte collection.**



Kitazato recommended aspiration pressures:

Needle Gauge Single Lumen	Aspiration Pressure	
	(mmHg)	(kPa)
16G	100±25	13.3±3.3
17G	125±25	16.7±3.3
18G	150±25	20.0±3.3
19G	175±25	23.3±3.3
20G	200±25	26.7±6.6
21G	225±25	30.0±6.6

Needle Gauge Double Lumen	Aspiration Pressure	
	(mmHg)	(kPa)
16G	150±25	20.0±3.3
17G	175±25	23.3±3.3
18G	200±25	26.7±3.3

LESS PAIN WITH **THIN WALL DESIGN**

A Kitazato needle offers the same inner diameter width for the aspiration opposed to other brand thicker needles.

This allows oocyte retrieval to be carried out with a smaller gauge needle and therefore reduces the possibility of bleeding and the risk of injuries to the uterine lining, whilst minimizing stress in the oocyte during aspiration.



Kitazato Needle
Less damage to the ovary



Competitor Needle

WIDE RANGE OF **DIAMETRES**

We offer a wide range of Oocyte Retrieval Needles with single lumen (from 16G to 21G) and double lumen (from 16G to 18G).

With the aim of minimizing distress to the patient, **Kitazato offers a full range of Thin Wall needles from 16G to 21G**. The smaller diameters are ideal for patients with low response or for natural cycles, even allowing to work without anesthesia during the ovarian puncture.



OOCYTE RETRIEVAL NEEDLES

SINGLE LUMEN NEEDLES

Kitazato single lumen needles provide a reliable oocyte retrieval whilst guaranteeing a continuous aspiration flow to minimize oocyte stress.

Available from 16G to 21G and with different lengths of aspiration lines.

PUMP ASPIRATION

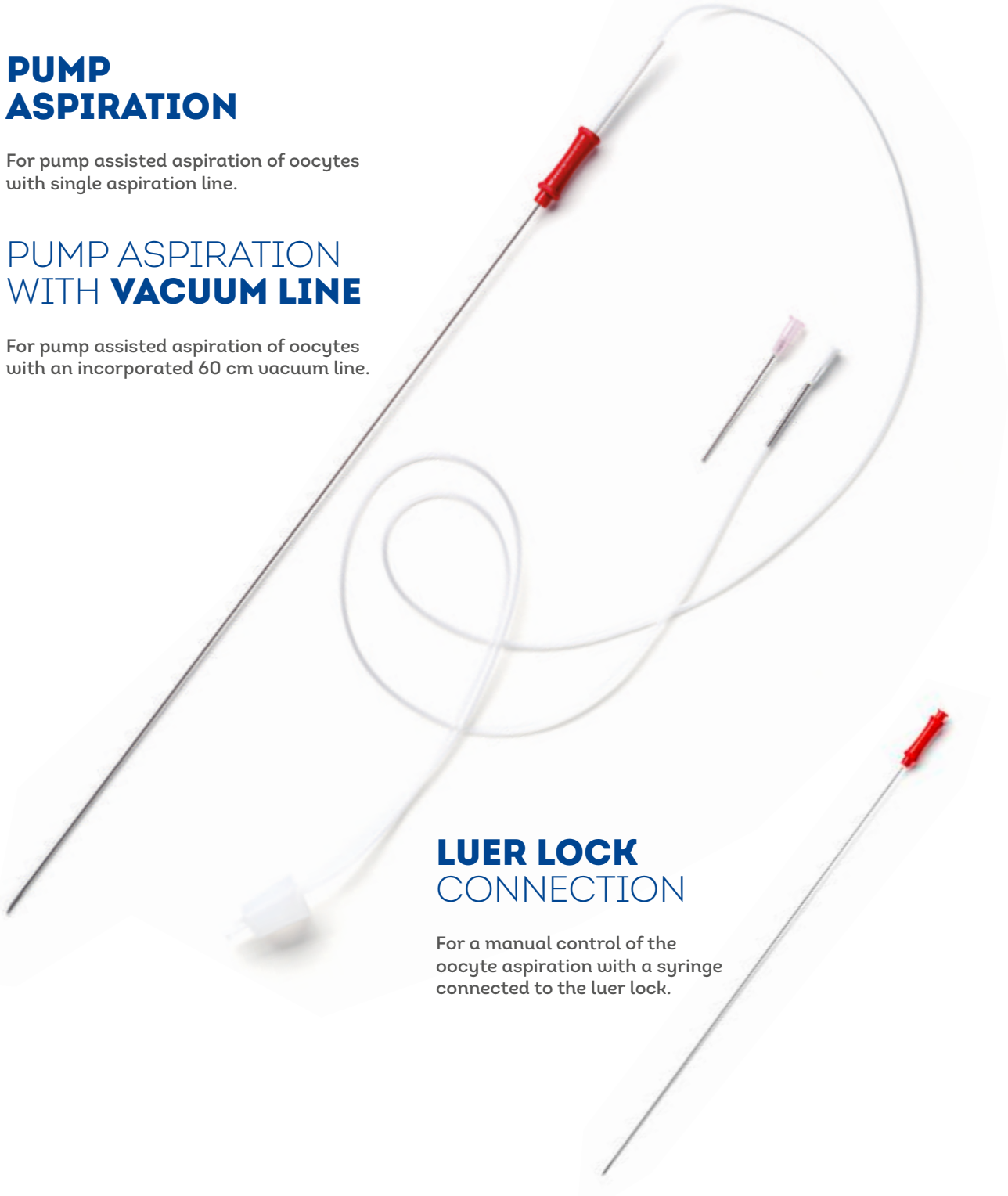
For pump assisted aspiration of oocytes with single aspiration line.

PUMP ASPIRATION WITH **VACUUM LINE**

For pump assisted aspiration of oocytes with an incorporated 60 cm vacuum line.

LUER LOCK CONNECTION

For a manual control of the oocyte aspiration with a syringe connected to the luer lock.



DOUBLE LUMEN NEEDLES

Kitazato double lumen needles allow oocyte pick-up and follicle flushing in one procedure.

Larger inner channel allows oocyte retrieval while outer channel is intended for follicle flushing. Available from 16G to 18G.

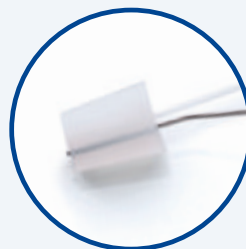
- Inner lumen for secondary channel
- Syringe included in the sterile bag



TIP WITH ECHOGENIC
MARKING



TRIPLE CUT BLADE



SILICON BUNG
WITH LUER LOCK



ERGONOMIC HANDLE
WITH POSITION MARKER

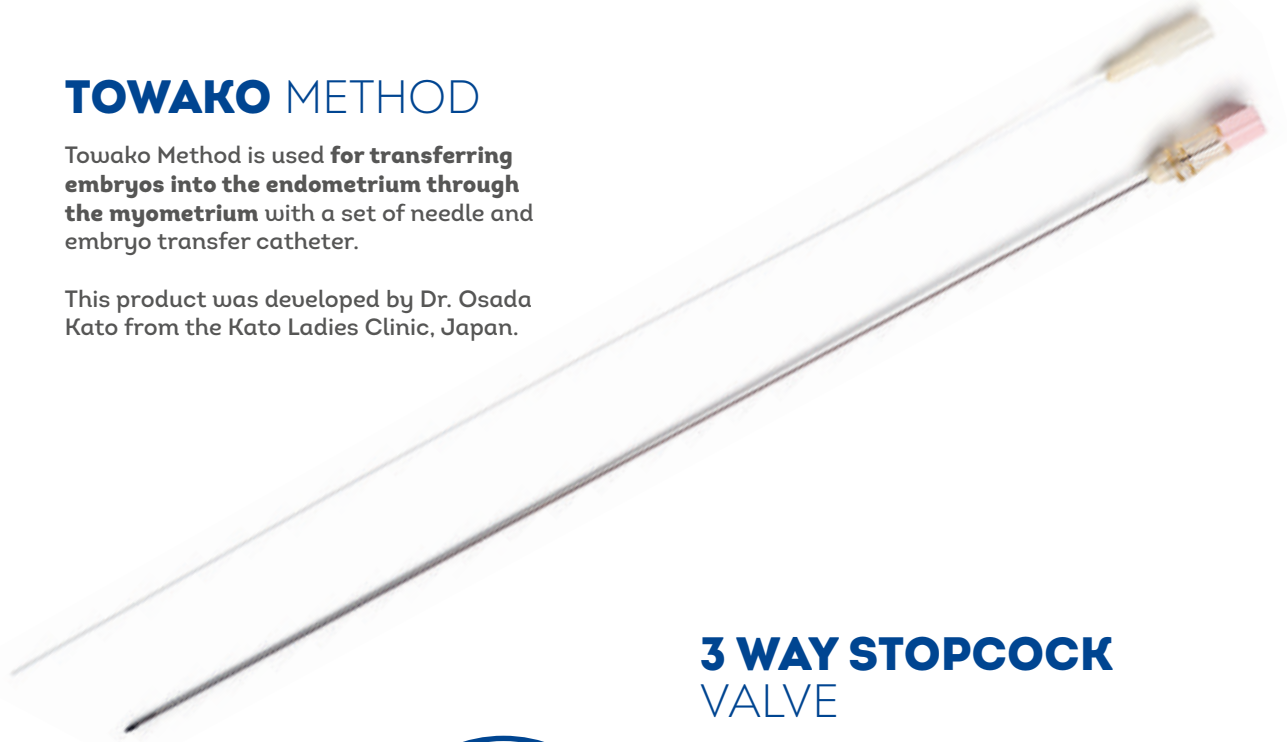
OOCYTE RETRIEVAL NEEDLES

SPECIAL PROCEDURE NEEDLES

TOWAKO METHOD

Towako Method is used **for transferring embryos into the endometrium through the myometrium** with a set of needle and embryo transfer catheter.

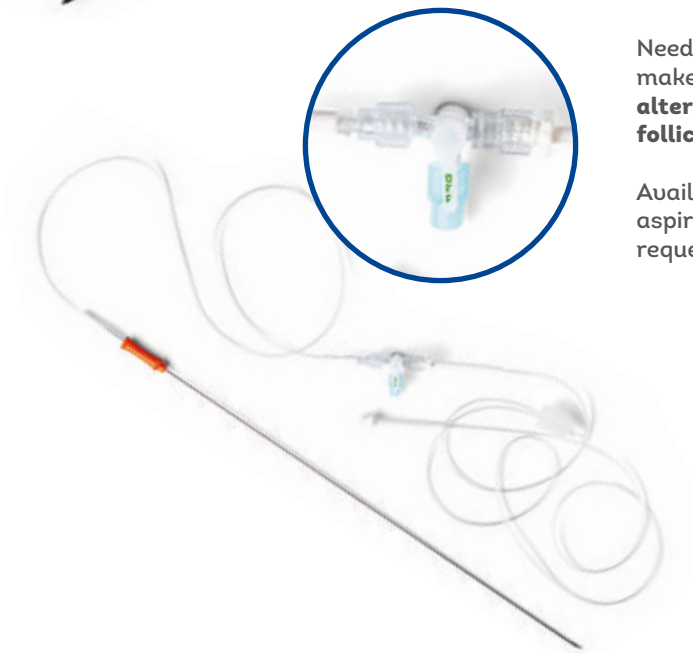
This product was developed by Dr. Osada Kato from the Kato Ladies Clinic, Japan.



3 WAY STOPCOCK VALVE

Needle with a 3 way stopcock valve, that makes possible to regulate the flow, allowing **alternation between oocyte aspiration and follicular cleaning through a single channel.**

Available in sets with a 17G needle and 80cm aspiration tube (other lengths available upon request).



IVM NEEDLES

For the collection of immature oocytes in in vitro maturation cycles of non-stimulated ovaries.



PRODUCT REFERENCES

Single Lumen Pump Aspiration

Order Number	Gauge	Length (cm)	Aspiration Line (cm)*
326350	16	35	80
327350	17	35	80
328350	18	35	80
329350	19	35	80
320350	20	35	80
320300	20	30	80
321300	21	30	80

*Other aspiration line lengths available

Single Lumen Pump Aspiration with Vacuum Line

Order Number	Gauge	Length (cm)	Aspiration Line (cm)*
336350	16	35	80 + 60
337350	17	35	80 + 60
338350	18	35	80 + 60
339350	19	35	80 + 60
330300	20	30	80 + 60

Single Lumen with Luer Lock

Order Number	Gauge	Length (cm)	Aspiration Line (cm)
316001	16	32.5	-
317001	17	32.5	-
318001	18	32.5	-
319001	19	32.5	-
310001	20	32.5	-

Double Lumen

Order Number	Gauge	Length (cm)	Aspiration Line (cm)	Flushing Line (cm)
376350	16	35	80	100
377350	17	35	80	100
378350	18	35	80	100

Special Procedure

Order Number	Product Name	Gauge	Length (cm)	Aspiration Line (cm)
268003	Towako Method	18	32.5	-
367350	Manual Aspiration Set for Syringe	17	35	60
357353	Aspiration Set with Stopcock	17	35	80 + 40 with stopcock
347275	IVM Needle	17 & 20	27.5 & 35	30

Quality control

- SAL (Sterility Assurance Level): 10^{-6}
- LAL assay for Endotoxin
- MEA (Mouse embryo assay)
- Shelf life: 3 years