Oocyte retrieval and fertilisation

Day -1
the day before oocyte pick-up

Gx-IVF™

Prepare rinsed centre well dishes with Gx-IVF and pre-equilibrate at

37°C 6 % CO_2 overnight

Gx-MOPS™ PLUS

Warm Gx-MOPS PLUS (for oocyte wash) in rinsed tightly capped tubes in a warming incubator **without CO_2*** at

37°C overnight

G-MOPS™

Warm un-supplemented G-MOPS (for follicle flushing) in rinsed tightly capped tubes in a warming incubator **without CO_2*** at

37°C overnight

Never place Gx-MOPS PLUS in a CO_2 incubator

Do not use OVOIL™ equilibrated in a CO_2 environment when covering Gx-MOPS PLUS

Gx-MOPS PLUS can be warmed the same day as oocyte aspiration. Before use, ensure that the temperature of the media is 37°C.

G-RINSE™

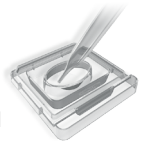
Warm G-RINSE at

37°C 6 % CO_2 overnight

Pre-rinse all utensils, including tubes and dishes with G-RINSE

Day 0
Oocyte retrieval:

G-RINSE



1. Wash patient's cervix and rinse all utensils, including the aspiration needle, pipettes and dishes with G-RINSE.

Gx-MOPS PLUS

2. Pipette warmed Gx-MOPS PLUS into rinsed 40 mm dishes prior to oocyte identification.

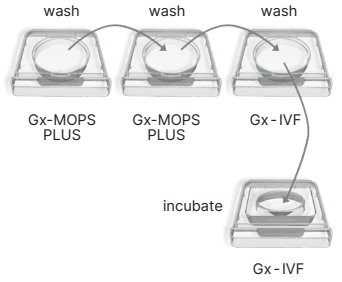
Ensure that the temperature of Gx-MOPS PLUS, as well as of the follicle aspirates, is kept at 37°C during all procedures.

3. Transfer the follicle aspirates to empty 40 mm dishes. Identify the oocytes and immediately remove them from the follicle fluid to Gx-MOPS PLUS. Rinse the oocytes in a large volume of Gx-MOPS PLUS.

Transfer the oocytes to pre-equilibrated Gx-IVF and wash extensively. The washing procedure should include at least two steps with 1.0 mL of Gx-IVF in each step.

After rinsing in Gx-IVF, transfer the oocytes to new pre-equilibrated Gx-IVF and immediately return the dishes to the incubator and incubate at

37°C 6 % CO_2



Fertilisation:

1. When pre-equilibration of centre well dishes is ready (see sperm preparation), transfer the oocytes to the dishes and incubate at

37°C 6 % CO_2 overnight

2. For ICSI, see separate ICSI procedure protocol.

For fertilisation assessment and culture, see separate Embryo culture protocol.

*An adequately calibrated warming block can be used for tubes instead of a warming incubator.

Vitrolife