



# SAMAA

## FERTILIZATION CENTER

### PGTA with NON-Invasive Technology

  
مركز سماء للأخصاب  
Samaa Fertilization Center

# PGTA with NON-Invasive Technology

## Embryo Analysis of Culture Environment test (EMBACE)

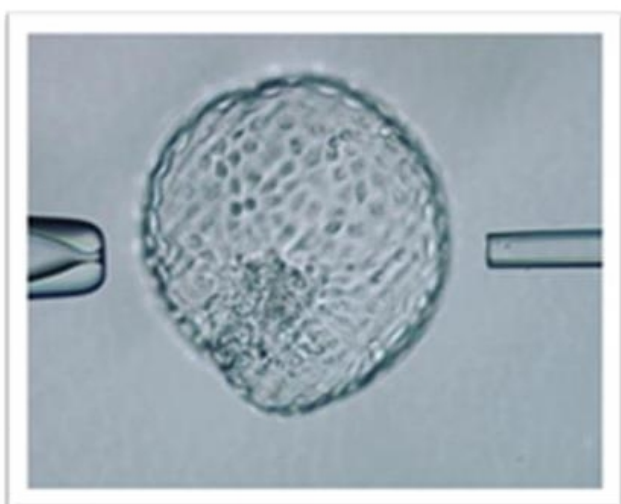
The Embryo Analysis of Culture Environment (EMBACE) test is an analysis of embryonic cell-free DNA released by a day-6/7 embryo into the medium where it has been cultured.

The culture medium of each blastocyst is placed in a tube and shipped to the genetic laboratory, where the copy number for 24 chromosomes is analyzed by Next Generation Sequencing (NGS). According to the NGS results, each sample will be given an Embryo Priority for transfer.

The EMBACE TEST is applied to media collected on day 6 or 7 of embryo development. It is not suitable for media collected earlier in development.

The advantage of EMBACE that we can do the genetic testing and screening for the chromosomes of the embryos without taking biopsy and harming the embryo.

The EMBACE test can be offered only for frozen cycles, because the sample collection of the embryo culture media taken on day 6 or 7 of the embryo development and the protocol take time to reach the result.





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