



RESEARCH TOPIC CLI5

New technical and scientific findings in couple infertility

Research Area
Surgical Area

Clinical Unit name
Department of Gynecology, Division of Gynecology and Reproductive Medicine, Fertility Center

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Abstract

Object of the research activity Humanitas University and Humanitas Research Hospital have activated a research training program in Reproductive Medicine aimed at specialists in Obstetrics and Gynecology as part of which the topics related to scientific, clinical and translational research on couple infertility, pre- and post-conception genetics, gynecological endocrinology, ovulation induction and use of gonadotrophins in multi-ovulation will be explored. diagnostic imaging, ultrasound-guided collection and transfer techniques, outpatient endoscopy, laparoscopy and operative hysteroscopy, andrology, prevention and diagnostics of multiple pregnancies, assistance in the early stages of physiological and pathological gestation, follow-up of pregnancies in infertile patients and those undergoing assisted reproduction techniques (ART). The program includes a part of training in clinical practice in the areas studied.

Research activities include:

- support for research activities, including clinical and translational research, in projects related to Reproductive Medicine;
- conducting prospective, randomized, observational and retrospective studies on the topics covered by the Program.
- role of tutor in the teaching activity on the topics covered by the training program.
- Development of simulation training.

The clinical-assistance activity, estimated at least 20 hours per week, is carried out at the Humanitas Fertility Center, accredited as a Training Center by the European Board and College of Obstetrics and Gynaecology (EBCOG), Union Européenne des Médecins Spécialistes (UEMS) and the European Society of Human Reproduction and Embryology (ESHRE).

Scientific references

1. Busnelli A, Ciani O, Caroselli S, et al. Implementing preconception expanded carrier screening in a universal health care system: A model-based cost-effectiveness analysis. 2023; 25(11): 100943.

