An analysis of the nursing model in patients with an intrauterine pregnancy complicated with ovarian torsion
Poster number: EP28.13
Qingqing Wu, Yan Ouyang, Xihong Li, Kailan Xiong
Reproductive and Genetic hospital of CITIC-Xiangya, Changsha, China

Objective:
To evaluate the nursing model and its effect in patients with an intrauterine pregnancy (IUP) complicated with ovarian torsion after in vitro fertilization-embryo transfer.

Methods:
The clinical data of 5 patients who were diagnosed as intrauterine pregnancy complicated with ovarian torsion from January 2017 to January 2018 were retrospectively analyzed. The ovarian volume, ovarian blood flow and ascites were routinely assessed using ultrasound when admission. Predictive nursing measures, including restoring the ovarian by adjusting the patients’ body position, psychological counseling, prevention and treatment of ovarian hyperstimulation syndrome, monitoring the vital signs and painness, providing a quiet and clean room for patients, would be implemented according to the patients’ body weight and the abdominal circumference. Using an abdominal bandage for fixation and protection, observation of the patients’ condition as well as the embryonic development, preventive using of the contraction inhibitor (eg. phloroglucinol) and paying attention to the side effects of drug, preventing infections, and giving proper life and dietary guidance.

Results:
All the 5 patients were cured by surgical restoring combined with predictive nursing measures. No nosocomial infections occurred during the period of treatment. All IUPs developed well and lead to live births: 2 cases received cesarean section and 3 cases gave natural deliveries. There were 4 cases with full-term births, and 1 case of premature delivery.

Conclusions:
The predictive nursing model can effectively prevent nosocomial infections, reduce patients’ sufferings and improve patients’ satisfaction. And thus, it is an effective measure to ensure the recovery of the ovarian torsion in patients with an intrauterine pregnancy.