

THE NEED OF LUTEAL SUPPORT IN ART

K. Diedrich

Department of Obstetrics and Gynaecology of the University of Lübeck, Denmark

Ovarian hyperstimulation for assisted reproductive technologies (ART) can induce luteal phase irregularities. This is due to the treatment of gonadotrophins and gonatropin-releasing-hormone agonists or antagonists. Therefore luteal phase support is necessary. There are different methods to support the luteal phase: human chorionic gonadotropin (HCG), Progesteron. Today the golden standard is vaginal administration of Progesteron. This is necessary to prepare the Endometrium sufficiently for the implantation. The administration of HCG to induce the corporal luteal and the Progesteron secretion can induce side effects especially the ovarian hyperstimulation syndrome.

In the lecture the different ways of support of the luteal phase and the advantages and disadvantages will be explained.