

2<sup>nd</sup> Global Summit on

# Hormones and Endocrine Disorders

June 27-28, 2016 New Orleans, USA

## Hormonal treatment in patients with endometriosis

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Endometriosis is a painful, chronic disease occurring when endometrium is located outside the uterus, affecting at least 6 million women worldwide. Symptoms like dysmenorrhea, dyspareunia, dysuria, fatigue or other gastrointestinal indications such as diarrhea, constipation, nausea are responsible for severe aggravation of women's life. Endometriosis compromises the quality of life of countless women worldwide and is a leading cause of disability. Clinical symptoms of endometriosis can be very heterogeneous leading to a long interval between onset of symptoms (commonly 7 years) and surgical diagnosis. Treatment for endometriosis is usually with medications or surgery. Supplemental hormones are sometimes effective in reducing or eliminating the pain of endometriosis. That's because the rise and fall of hormones during the menstrual cycle causes endometrial implants to thicken, break down and bleed. Hormone medication may slow the growth and prevent new implants of endometrial tissue such as hormonal contraceptives, Gonadotropin-releasing hormone (Gn-RH) agonists and antagonists, Progesterone and progestin or Danazol. The lecture should provide an overview of current treatment options apart from surgical interventions such as laparoscopy and hysterectomy.

### Biography

Rene Wenzl has completed his residency in Obstetrics and Gynecology from Medical School of Vienna in 1995 and Master degree of Science from Donau-Universität-Krems in 2005. He has been a senior physician at the Department of OB/GYN in 2004 and was announced as Head of the Centre for Endometriosis at the Medical University of Vienna in 2010. His scientific dedication applies to the research of pathogenesis and effective treatment of endometriosis and its concomitant diseases. He is fellow member for various societies such as The Johns Hopkins Medical and Surgical Association, European Society for Gynecological Endoscopy and New York Academy of Science. He has published more than 70 papers in reputed journals and is serving as an Editorial Board Member of repute.

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