

World Summit on **O**BESITY AND **W**EIGHT **M**ANAGEMENT

June 27, 2022 | Webinar

Fertility and insulin resistance treatment**Giuseppe Gullo and Gaspare Cucinella***University of Palermo, Italy*

Pre-treatment of myoinositol is a very new method that was evaluated in multiple small studies to manage poor ovarian response in assisted reproduction. This study was to determine the efficacy of myoinositol supplement in infertile women undergoing ovulation induction for intracytoplasmic sperm injection (ICSI) or in vitro fertilization embryo transfer (IVF-ET). Myo-inositol should be considered in patients with insulin resistance, metabolic syndrome, type 1 diabetes, type 2 diabetes, PCOS and those with or at risk of gestational diabetes. Elevated levels of glucose reduce myo-inositol levels in tissues and increase its breakdown and elimination via the kidneys. Myoinositol supplement increase clinical pregnancy rate in infertile women undergoing ovulation induction for ICSI or IVF-ET. It may improve the quality of embryos, and reduce the unsuitable oocytes and required amount of stimulation drugs.

Biography

Giuseppe Gullo, Specialist Ob/ Gyn at "Villa Sofia –Cervello Hospital - IVF PUBLIC CENTRE and done her PhD (2014-2017) in the University of Messina – Iakentro Medical Centre and she is a Member of national and international scientific and obstetrical gynecological societies including: SIGO, SIGITE, ISGE, SIFIOG, SIGO,AOGOI, ESHRE. Her Publications in J Pain Relief ISSN: 2167-0846 JPAR an open access journa Fibromyalgia 2016 June 15-16, 2016 Volume 5, Issue 3(Suppl) September - October 2010 I. V. F. Center - Iakentro in Thessaloniki. November 2012-February 2012 I.V F Department and Fetal Medicine at King's College Hospital- London. July 2011-August 2012: Endoscopic (Laparoscopic - Isteroscopic) Surgery and Laparotomy at Sacro Cuore Hospital Don Calabria - Negrar (VR) May 2011: I.V.F Department, Yale Fertility Center, New Haven - USA. Residency Ob/Gyn (2008-2013): University of Palermo.Medical School (20001-2007): University of Palermo.