

GDG 4 – Management of non-fertility features

- Is the combined oral contraceptive pill (COCP) effective for management of hormonal and clinical PCOS features in adolescents and adults with PCOS?
- Is metformin effective for management of hormonal and clinical PCOS features and weight in adolescents and adults with PCOS?
- Is metformin versus the COCP with or without other agents effective for management of features of PCOS in adolescents and adults with PCOS?
- Are anti-obesity pharmacological agents alone or in combination, effective for management of hormonal and clinical PCOS features and weight in adolescents and adults with PCOS?
- Are anti-androgen pharmacological agents alone or in combination, effective for management of hormonal and clinical PCOS features and weight in adolescents and adults with PCOS?
- In adolescents and adults with PCOS, is inositol alone or in combination with other therapies, effective for management of hormonal and clinical PCOS features, weight and reproductive outcomes?
- Is mechanical laser and light therapy for hair reduction alone, or in combination with other therapies, effective for management of hirsutism in adolescents and adults with PCOS?
- In adults and adolescents with PCOS, is bariatric/metabolic surgery effective for management of hormonal and clinical PCOS features and weight?
- Are women with PCOS at increased risk of adverse pregnancy outcomes?
- In women with PCOS in pregnancy, is metformin compared to placebo/standard care effective in reducing pregnancy complications and adverse neonatal outcomes?

GDG 5 – Screening, diagnostic assessment and management of infertility

- In women with PCOS and infertility, what are the preconception risk factors associated with poor or negative fertility outcomes?
 - Should women with PCOS and infertility due to anovulation alone with normal semen analysis undergo tubal patency testing prior to starting ovulation induction with timed intercourse or intrauterine insemination?
 - In women with PCOS, are aromatase inhibitors effective for improving fertility outcomes?
 - In women with PCOS, is clomiphene citrate effective for improving fertility outcomes?
 - In women with PCOS, is metformin effective for improving fertility outcomes?
 - In women with PCOS, are gonadotrophins effective for improving fertility outcomes?
 - In women with PCOS, is ovarian surgery effective for improving fertility outcomes?
 - In women with PCOS, is stimulated In vitro fertilisation/intracytoplasmic sperm injection effective for improving fertility outcomes?
 - In women with PCOS undergoing IVF/ICSI treatment, is the gonadotrophin releasing hormone antagonist protocol or gonadotrophin releasing hormone agonist long protocol the most effective for improving fertility outcomes?
 - In women with PCOS undergoing GnRH antagonist IVF/ICSI treatment, is the use of hCG trigger or GnRH agonist trigger the most effective for improving fertility outcomes?
 - In women with PCOS undergoing (controlled) ovarian (hyper) stimulation for IVF/ICSI, does the choice of FSH effect fertility outcomes?
 - In women with PCOS undergoing (controlled) ovarian (hyper) stimulation for IVF/ICSI, is exogenous luteinising hormone (LH) treatment during IVF ± ICSI effective for improving fertility outcome?
 - In women with PCOS undergoing (controlled) ovarian (hyper) stimulation for IVF ± ICSI, is adjunct metformin effective for improving fertility outcomes?
 - In women with PCOS, is in vitro maturation (IVM) effective for improving fertility outcomes?
 - In adolescents and adults with PCOS, is inositol alone or in combination, effective for management of reproductive outcomes?
 - Are anti-obesity pharmacological agents alone or in combination, effective for management of reproductive outcomes in adolescents and adults with PCOS?
- * Not all questions resulted in a recommendation. Where evidence was inadequate only research recommendations were made and are captured in a separate document.