Couple concerned about fertility and delays in conception

Initial assessment (history and examination)

Consider referral to smoking cessation and weight management

Advise folic acid, lifestyle advice, rubella status (advise MMR)

Provide patient information on conception rates and reassurance

Known fertility (male or female)

Advise 1 year attempt to conceive or 6 cycles of artificial insemination (AI)

Mid-luteal serum progesterone to confirm ovulation

Yes

Irregular cycles?

Day 1-3 FSH, day 8 LH, testosterone and prolactin

No

At this stage DO NOT test thyroid function, post-coital cervical mucus or endometrial biopsy

Regular cycles?

Yes

History and examination of female

Blood tests, cervical smear and chlamydia screening

Semen analysis (repeat in 6 weeks if abnormal) and Chlamydia screening

No

History and examination of male

Reassessment and secondary care referral

Investigate male fertility

Semen analysis (performed in primary care)

Male factor infertility

Medical management

Surgical management

Management of ejaculatory failure

Medical and surgical management of endometriosis

Mild endometriosis

Unexplained infertility

Results normal

Investigate female infertility

Investigate male fertility

Investigate and manage ovulation disorder

Investigate and manage tubal and uterine abnormalities

Tubal and uterine surgery

Mild endometriosis

Referral for privately funded assisted reproduction if patient wishes

Do not offer screening for antisperm antibodies as there is no evidence of effective treatment to improve fertility