

Up to 7 days before surgery (unless otherwise specified):

- Microbiological Analyses:
 - Bacteriological swab of the cervix and vagina
 - Vaginal and cervical swab for ureaplasma, mycoplasma, chlamydia (< 1 month) c. Urine culture
 - Serology: HIV, HCV, HbsAg (< 6 months)
- Pap Smear Test and Colposcopy (< 1 year)
- Urine
- Complete Blood Count with leukocyte formula and sedimentation, CRP
- Complete Biochemistry:
 - Urea, creatinine, bilirubin, fibrinogen, Fe, ferritin, hemoglobin, transferrin, AST, ALT, GGT, LDH, CK, total protein, albumin level, total cholesterol, HDL, LDL, triglycerides, glucose, and insulin with HOMA index, electrolytes (sodium, potassium, chloride, calcium, phosphorus, magnesium, bicarbonates)
- Coagulation Factors: PT, INR, aPTT
- X-ray of the heart and lungs
- Anaesthesia consent and ECG (electrocardiogram)
- Karyotype from blood (if previously done, not necessary to repeat) with occurrences: a. menopause < 45 years b. POF – < 40 years
- Ultrasound/MRI/CT of the pelvis (if not previously done in the SEGOVA team)
- Blood Group and Rh factor (no need for repetition if valid confirmation exists)

During further treatment it may be necessary to perform:

- Hormones (< 3 months): FSH, LH, estradiol, progesterone, testosterone, prolactin, TSH, FT3, FT4, SHBG, 17-OH progesterone, AMH, androstenedione, DHEA-S, Cortisol, ACTH, PTH, insulin, glycemia HOMA index, HbA1c
- Oxidoreductive Status: Total antioxidant capacity (TAC), Total oxidative capacity (TOP), TAC / TOP - antioxidant index
- Vitamins and Others: Homocysteine, Omega-3 and Omega-6 fatty acids, vitamins B12, D, A, E, C, selenium, zinc, folic acid, coenzyme Q10
- Immunology: Anti-ovarian antibodies, Anti-TPO antibodies, Anti-TG antibodies, Anti-cardiolipin antibodies
- Tumor Markers: Ca 125, Ca 19.9, Ca 15.3, Ca 72.4, HE-4, Roma index, B-hCG, α -fetoprotein, inhibin B