

Level of Therapy	Target Group	Therapy	Application Method	Therapy Name
Level I (PRP based)	Patients with mild disorders: Elevated FSH, decreased AMH, reduced AFC, low responders	1. hcPRP 2. hcPRP with BRF 3. hcPRP with BRF, TPE	Ultrasound application to the ovaries with the stimulation at the beginning of the cycle	1. Bio IVF Basic 2. Bio IVF Medium 3. Bio IVF Advanced
Level II (PRP based + stem cells)	Patients with severe disorders: Very high FSH, very low AMH, significantly reduced AFC, no stimulation effect	1. mSC or hSC with hcPRP, BRF, TPE 2. mSC and hSC with hcPRP, BRF, TPE	Ultrasound or laparoscopic application to the ovaries	1. SEGO (Bio IVF + one type of stem cells) 2. Dual SEGO (Bio IVF + two types of SC)* *Optional cryopreservation
Level III (PRP based + stem cells + In vitro tissue activation)	Patients with the most severe disorders: Extremely high FSH, low AMH, absence of follicle growth, previous treatment failure	1. Tissue micro-processing and IVA for ovarian re-transplantation with mSC or hSC, with hcPRP, BRF, TPE 2. Tissue micro-processing and IVA for ovarian re-transplantation with mSC and hSC, with hcPRP, BRF, TPE	Laparoscopic re-transplantation to the ovaries	1. SEGOVA (Bio IVF Advanced + one type of SC + IVA) 2. Dual SEGOVA - DOS (Bio IVF Advanced + two types of SC + IVA)* *Optional cryopreservation
Support Therapy	Reproductive failure Prolongation of therapy effects	Transport, thawing, and processing of SC and/or activated ovarian tissue with hcPRP and BRF, TPE	Laparoscopic or ultrasound re-transplantation to the ovaries	SEGOVA Booster Spectrum

hc PRP – Activated autologous highly concentrated Platelet Rich Plasma; **BRF** – Activated autologous bio-regenerative fibrin; **TPE** - Therapeutic Plasma Exchange; **SC** – stem cells; **mSC** – Mesenchymal stem cells; **hSC** – Hematopoietic stem cells; **IVA** – In Vitro Activation