INFORMED CONSENT

Dear Participant,

We hereby invite you to participate in a study investigating the impact of carnitine supplementation on sperm parameters and the quality of women's oocytes (egg cells). The analyses involved are already routinely and necessarily performed as part of the preparation for and process of in vitro fertilization (IVF); therefore, participation in this study does not require any additional diagnostic procedures. The effects of supplementation on IVF treatment outcomes (the number and quality of retrieved oocytes and embryos, as well as pregnancy rates) will also be analyzed. Participation in the study will not impose any additional time burden on you, as your treatment process will not differ from that of patients who do not participate in the study. All parameters that will be analyzed are those that are already routinely monitored for every patient as part of standard treatment procedures, regardless of the study itself. If you agree to participate, you may receive free supplements (carnitine) for use within the study. The decision regarding whether you will use the supplements will be made through a random selection process (the "sealed envelope" method), whereby you will personally draw an envelope indicating whether you belong to the supplementation group or the control group. The purpose of the study is scientific research aimed at determining whether carnitine supplementation affects male sperm parameters, the quality of women's oocytes, and the success of in vitro fertilization. All data collected during the study will be completely anonymous. Your name, surname, address, and any other identifying information will not be included at any stage of data processing or analysis, except on the consent form through which you provide your agreement to participate. The data will be used exclusively for scientific research purposes.

The study has been approved by the Ethics Committee of the "Narodni Front" Gynecology and Obstetrics Clinic (Decision No. 22008-2026-003416 dated February 13, 2026).

For any additional information, you may contact the head of the research team, Assistant Professor and Primary Physician Dr. Sci. Med. Milan Perović.

I agree to participate in the study:

Date

_____

Full Name

_____

Signature

_____