Official Study Title

Clinical Efficacy of I-PRF, Povidone-Iodine, and Diode Laser asAdjuncts to non-surgical periodontal treatment in Smokers and Non-Smokers periodontitis Patients: A Split mouth RandomizedClinical Trial

Ethics Committee : **Approved by the Local Committee for the Protection of Persons (CLPP), Tunis Military Hospital.**

Decision No : **176/2026/CLPP/Hôpital Militaire de Tunis**

Approval Date: **11 May 2026**

Date: **02 July 2026**

Principal Investigators:
Dr Héla Jegham,Dr Rim Masmoudi,Dr Hedi Chouchene, Dr Yasmine Rjeb

PARTICIPANT INFORMED CONSENT FORM

Study Title: Clinical Efficacy of I-PRF, Povidone-Iodine, and Diode Laser as Adjuncts to Non-Surgical Periodontal Treatment in Smokers and Non-Smokers: A Randomized Clinical Trial.

GENERAL INFORMATION

You have been invited to participate in a research study aiming to compare the efficacy of four different types of adjunctive therapies used alongside Scaling and Root Planing (SRP). The mouth will be divided into four quadrants, so that each quadrant receives a different type of treatment for precise comparison between them

PROCEDURES

- A deep cleaning of the gums will be performed in a single session under local anesthesia.
- A small amount of your blood (10 ml) will be drawn to prepare the I-PRF (Injectable Platelet-
- Rich Fibrin) material to be used as a natural treatment in one of the gum areas.
- Antiseptic iodine will be used in another quadrant, a diode laser in a third quadrant, and a
- saline solution in the fourth quadrant as a control.
- Your condition will be followed up in periodic visits after 8 weeks, 3 months, and 6 months.

VOLUNTARINESS AND WITHDRAWAL

Your participation in this research is completely voluntary. You have the right to refuse to participate or to withdraw at any time without having to state reasons, and this will not affect in any way the quality of healthcare you receive at the Military Hospital.

CONFIDENTIALITY AND ETHICS

All your data will be treated with strict confidentiality and encrypted using identification codes; your identity will not be disclosed in any reports or scientific publications resulting from this study.

Ethics: The sponsor and the principal investigator pledge to maintain complete confidentiality and professional secrecy for all information related to the participant (Title One, Articles 8 and 9, and Title Six, Articles 99, 100, 101, 102 of the Tunisian Code of Medical Ethics, Decree No. 95-1155 dated May 17, 1993).

RISKS AND BENEFITS

The risks are very minimal and limited to the possibility of minor, temporary inflammation. The I- PRF material is an autologous substance extracted from your own blood, eliminating the risk of rejection or cross-infection.

Participant's Declaration:

I, the undersigned, acknowledge that I have read and understood the information contained inthis document, and I have had the opportunity to ask questions and receive satisfactory answers. I voluntarily agree to participate in this study.

Researcher's Name and Signature:

Date:

Participant's Name and Signature:

Date: