



ASTRO MEDICAL²⁰⁰⁰
s.a.s.



EASY PRP KIT



www.astromedical2000.com

FIRST CLASS PRP QUALITY

EASY PRP

What is PRP Therapy?

Platelet Rich Plasma (PRP) is a preparation with a particularly high concentration of platelets (PLT) in a limited volume of plasma. PRP contains growth factors and bioactive proteins that regulate differentiated cells, modulating cell growth and activity, all of which are vital for tissue regeneration and the fabrication of engineered tissues. In PRP therapy, autologous PRP is derived from the patient's own blood. In the course of PRP therapy, concentrated PRP is either injected or applied locally to improve tissue conditions and wound healing.



Advantages of PRP Therapy

- Wide area of applications
- The body's natural ability to heal itself - autologous active substances
- High efficacy, proven results
- No risk of transmissible infections
- Very low risk of allergic reactions
- Suitable for an office-based or smaller clinic
- Affordable price compared to alternative treatment options

PRP Applications – Clinical Areas

Aesthetics	skin rejuvenation, wrinkles, acne scars, hair loss, fat graft, post-skin laser treatment
Plastic Surgery	pressure sores, leg ulcers, burns, wound healings
Orthopedics & Pain	cartilage/ligament repair, arthritis, tendonitis, post-operative pain, inflammation reduction, chronic pain
Dentistry	bone graft including onlay & inlay, sinus lift, bone defects created by teeth removal, small cyst or cleft, dental implant surgery
Ophthalmology	epithelial defects of the cornea, dry eye syndrome, ocular surface damages, post-laser surgery syndrome
Veterinary	tendon and ligament injuries, wound healing, osteoarthritis treatment



EASY PRP is...

...an innovative patented system for simple, easy, safe and effective preparation of highly concentrated PRP

Why EASY PRP

1. Considers initial RBC (Red Blood Cell) and PLT differential → constantly high PRP quality
2. Contains Buffy Coat – highest PRP concentration
3. Adjustable PRP concentration
4. Platelet Poor Plasma (PPP) can be used for additional applications
5. Top price-performance ratio

1. Standardized Plasma

- Initial RBC & PLT Level Independence
Our system takes into consideration the individually different initial PLT & RBC concentrations and standardizes the plasma
- Easy & Accurate Buffy Coat Separation
PRP with Buffy Coat allows PLT concentration of $x4\sim8$ the initial level compared to max. $x3$ without Buffy Coat
- No Manual Pipetting
Manual pipetting causes remixing of the content and increases the risk of contamination and less PLT concentration

First Class PRP Quality
at an Attractive Cost

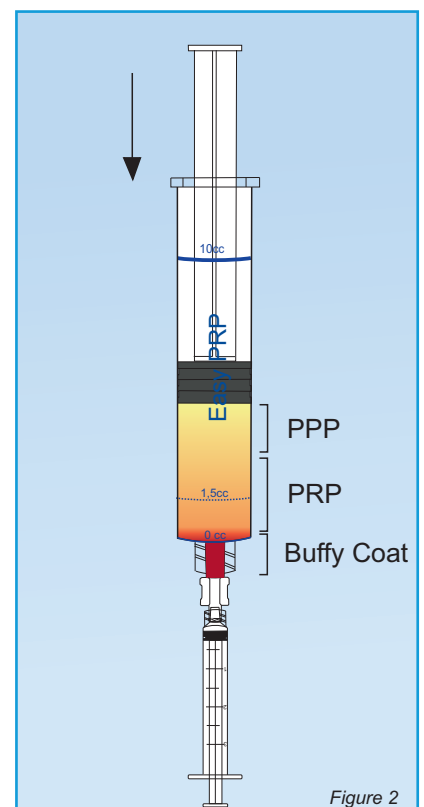
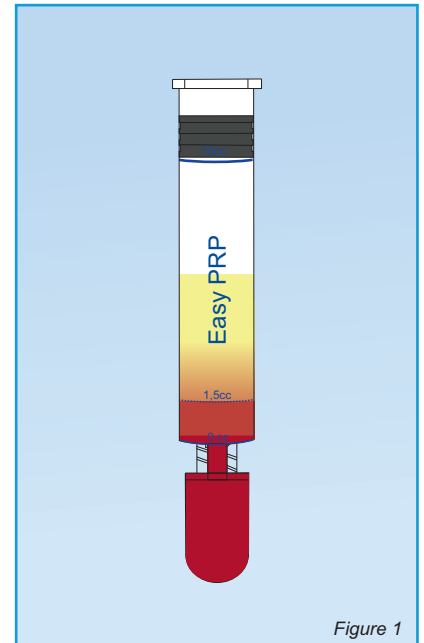


ADJUSTABLE PRP CONCENTRATION

EASY PRP

2. Double Spin Method

- 1st Spin: RBC Separation from PLT
First centrifuge spin separates RBC from PLT.
RBC can be comfortably and securely removed.
The patient benefits from a significantly improved therapy comfort. (Figure 1)
- 2nd Spin: PLT Rich Separation from PLT
Poor Plasma (PPP)
Highly concentrated PRP with Buffy Coat
can be comfortably and securely withdrawn.
Even the remaining PPP can be used for
additional applications. (Figure 2)



What is BUFFY COAT ?

The Buffy Coat is a rich source of cells and proteins that may help optimize the conditions for healing, including:

**Platelets, Growth Factors, White Blood Cells (WBC's),
Cd34+ cells as a stem cell marker,
Cytokines and Adhesion Molecules**

It has been documented in the literature that effective cellular therapy requires a scaffold for cell migration, progenitor cells which can be converted into bone or soft tissue, and signal proteins to modulate the repair and regeneration process. These key biologic cells are located in the "buffy coat" layer.