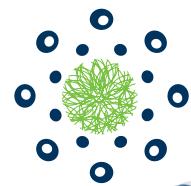


RegenKit® A-PRP®

One Step
Closed
System!

The safe and effective
leukocyte-reduced A-PRP
for musculoskeletal applications

RegenKit A-PRP has been shown
to be efficient in the treatment of
chondropathies & tendinopathies. 6.11.13.14



regenlab®

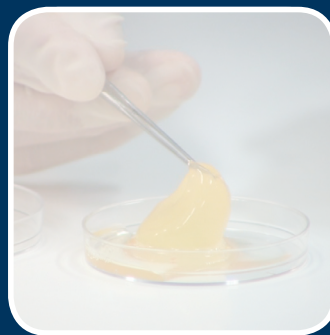
PRP® & CELL THERAPY SPECIALISTS

WHAT IS A-PRP®?

The patient's platelet concentrate prepared with RegenKit®

Platelets are key factors in hard and soft tissue repair mechanisms ¹. They provide essential growth factors, such as FGF, PDGF, TGF-β, EGF, VEGF, IGF, which are involved in stem cell migration, differentiation and proliferation. Additionally, platelets also stimulate fibroblasts and endothelial cells to induce new extracellular matrix deposition and neo-vascularisation respectively. The platelets are concentrated from the patient's own blood.

Plasma contains many factors essential for cell survival including nutrients, vitamins, hormones, electrolytes, growth factors (such as IGF and HGF), and proteins. Among the plasma proteins, the molecules vital for the coagulation process and for the fibrin polymer formation will serve as a scaffold for cell migration and new tissue generation.



- The A-PRP prepared with the Regen BCT device has a very low level of contaminants.
- Red blood cells are removed at 99.7 %.
- The white blood cell level is drastically reduced, with a preferential depletion (96.7 %) of the pro-inflammatory granulocytes. The remaining white blood cells are mostly lymphocytes and monocytes.

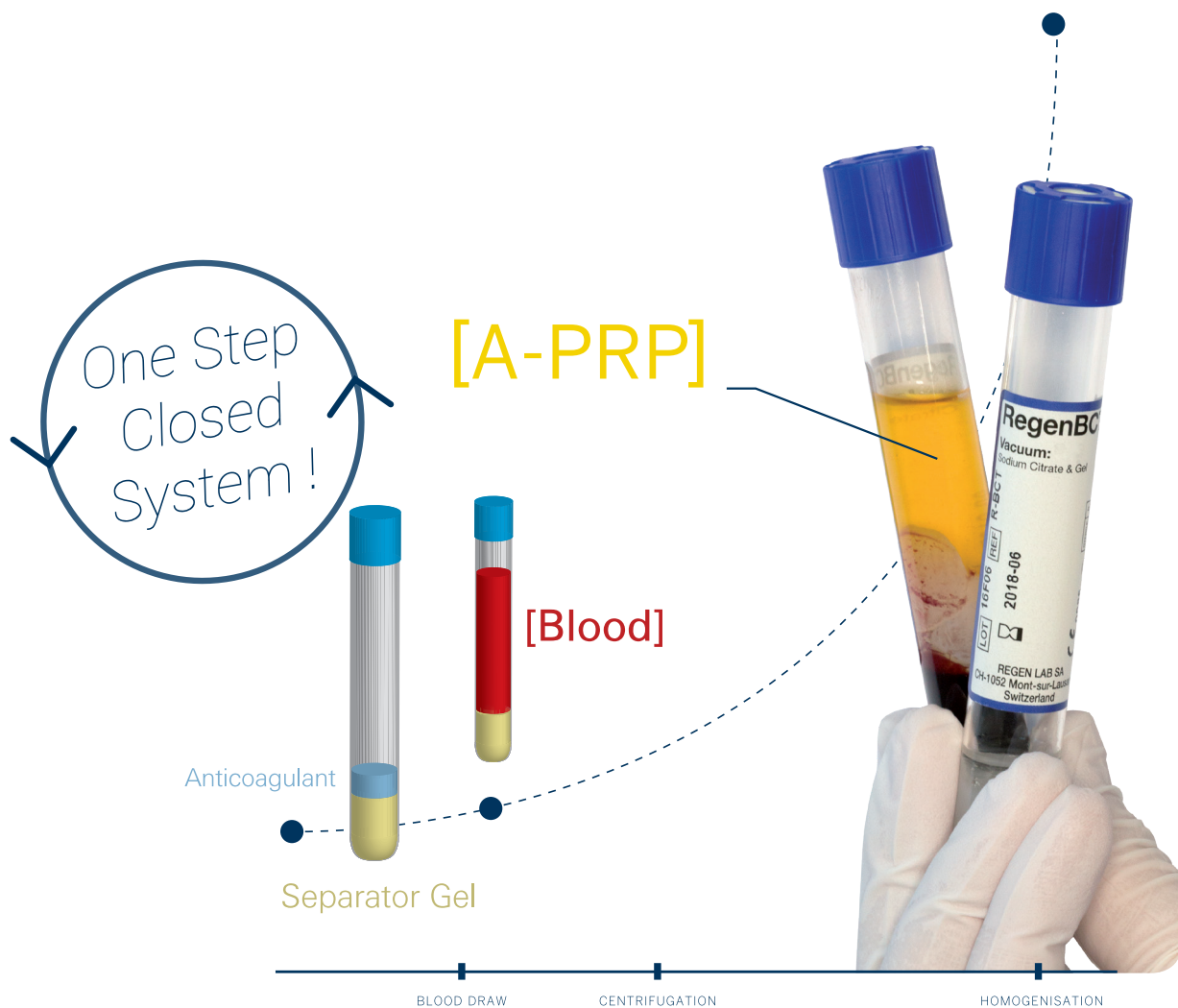
RegenBCT® Tube Properties	BLOOD SAMPLE VOL PER TUBE	PRP VOL PER TUBE	PLATELET RECOVERY	RED BLOOD CELL DEPLETION	PLATELET CONCENTRATION FACTOR (NATIVE)
	10 ml	5 to 6 ml	> 80 %	> 99.7 %	1.6 X

*BCT stands for Blood Cell Therapy.

RegenKit® A-PRP®

RegenKit A-PRP is composed of sterile disposable tubes, butterfly needle, tranfert devices and syringes, packaged in a single-use double blister.

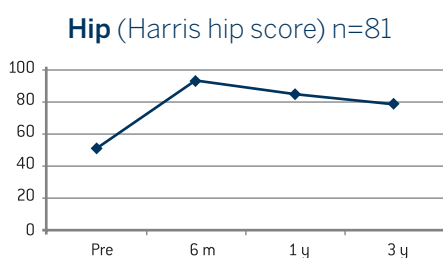
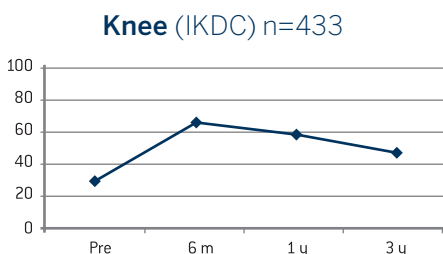
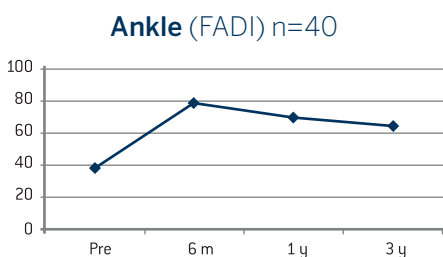
RegenKit cell separator gel allows for the easy, rapid and consistent preparation, from a small volume of blood, of A-PRP with an optimal platelet concentration and viability.



RegenKit BCT produces A-PRP with an optimal cellular profile and platelet viability.

Osteoarthritis

In osteoarthritis of the knee, hip and shoulder, A-PRP treatment resulted in improved functional outcomes and reduced pain in patients with early stage disease and has been shown to be markedly more effective than both hyaluronic acid and A-PRP prepared using a laboratory method.²⁻⁶

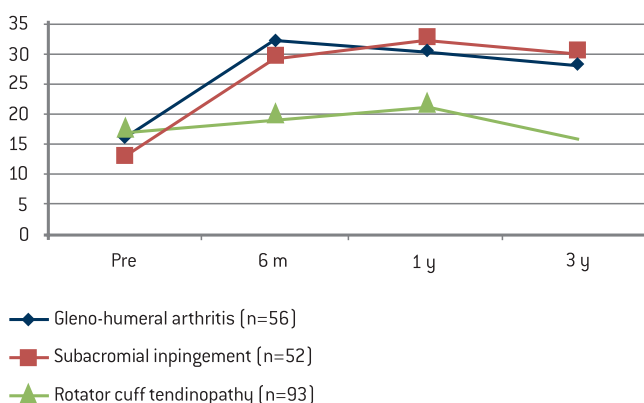


Chondropathies

A-PRP injection in chondropathy of the knee, hip, ankle and shoulder significantly improved the clinical outcomes over time.²

In all treated sites, a trend of improvement compared to the pre-treatment period was observed, with p-values still significant compared to baseline at the final available follow-up at 3 years.⁵

Shoulder (UCLA) n=299



REFERENCES

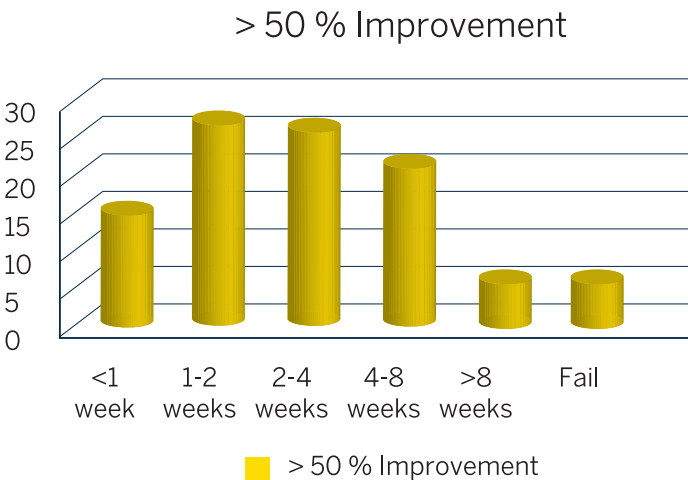
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These claims and indications of use have been reported in a number of cases during the BioBridge Conferences of 2013, 2014 and 2016. For more information please contact our scientific team.

Tendinopathies

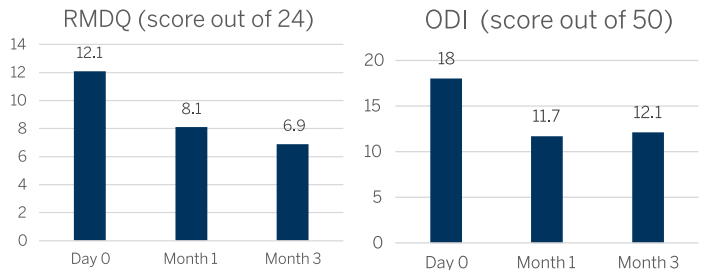
In tendinopathies, A-PRP treatment provided significant clinical benefits in up to 90% of patients with continuous improvement over time with low levels of relapse and was found to be particularly effective in insertional tendinopathies.⁷⁻¹¹

Injection of A-PRP is a promising treatment option for sports injuries. This study showed a significant analgesic effect, even though the patients received only a single A-PRP injection.⁸



Back Pain

Facet joints physiopathology can be caused by mechanical diseases, inflammatory issues or neuropathic diseases.¹²⁻¹⁴



This clinical experience showed that at the end of follow-up period, A-PRP provided 38% decrease of Lower Back Pain, 81% decrease of LBP associated to Leg Pain, 43% decrease in RMDQ score and 33% decrease in ODI score.¹³

A-PRP acts as an autologous analgesic and anti-inflammatory agent and is a valid alternative treatment to corticosteroids (especially for diabetic patients), since it is not harmful in the long term.¹³



RegenKit® A-PRP®



ORDERING INFORMATION

Preparation of Autologous Platelet Rich Plasma
& other plasma-derived products

CE 0086

Intellectual Property Rights
(IPRs) as Core Assets
www.regenlab.com/patents

RegenKit®-BCT-1-2

(Double blister)
Ref: RK-BCT-1 // RK-BCT-2

1 Safety-Lok™ Butterfly needle
1 Collection holder
1 to 2 Regen BCT* tubes
1 Transfer device
1 to 2 transfer needles
1 to 2 x 5 ml Luer-Lok™ syringe

RegenKit®-BCT-3

(Single blister)
Ref: RK-BCT-3

3 Regen BCT* tubes

RegenKit® BCT-T

(Single blister)
RK-BCT-T

1 Regen BCT* tube

One Step
Closed
System!

PRODUCT

Quality

ISO 13485 Certified
Patented Innovations
+1 Million Patients treated
CE certified

PATIENT

Safety

GMP Manufacturing
Class IIb Medical Devices
Non Pyrogenic - Sterile

A-PRP®

Efficacy

**Dedicated Kits for
specific preparations**
+ 100 published studies

Patented by Regen Lab SA - Platelet Rich Plasma

U.S. patent US8529957,
European patent EP2073862B,
Swiss patent CH696752

REGEN LAB SA
En Budron B2 – CH - 1052 – Le Mont-Sur-Lausanne (CH)
Tel. +41(0)21 864 01.11 – Fax. +41(0)21 864 01.10
www.regenlab.com

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