

PRP Therapy for Chronic Knee Pain



Overview

If you have pain in your knee, platelet rich plasma therapy may help. It uses parts of your own blood to help your body heal itself. PRP can help your knee feel better and work better.

Creating the Mix

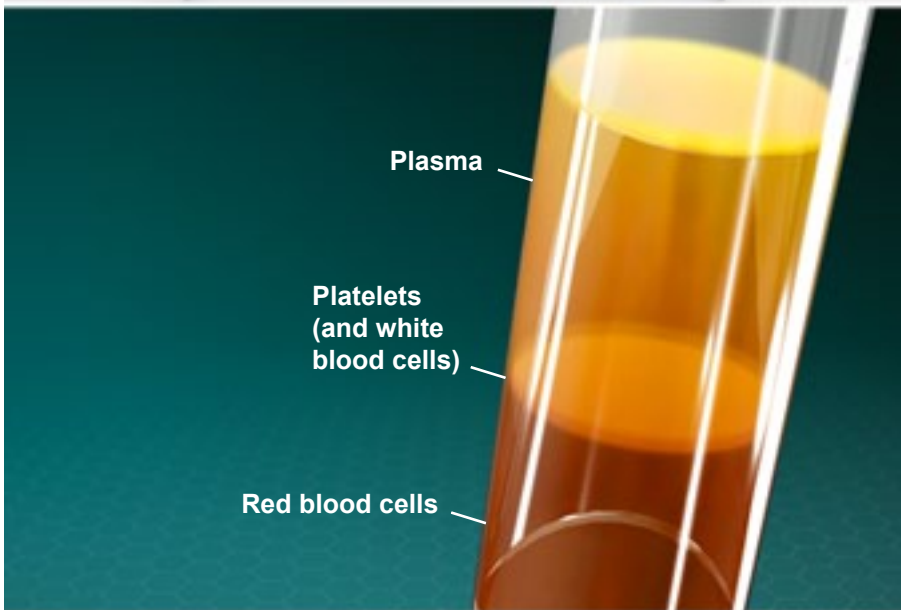
The process begins with a sample of your blood. It is spun around in a centrifuge. This separates it into platelets, plasma, and red and white blood cells. The platelets are then concentrated and mixed with some of the plasma. This mixture is called "platelet rich plasma."

Injection

The doctor injects this into your damaged tissues. Your immune system (the system that keeps your body healthy) reacts quickly. Special white blood cells called "macrophages" rush in. They take away damaged cells. They help prep the site for healing. Then, stem cells and other cells begin to multiply. Over time, they repair and rebuild damaged tissues.

Conclusion

After the injection, you can go home. You may need to come back for more injections as you heal.



Plasma

Platelets
(and white
blood cells)

Red blood cells



Platelet rich
plasma