



Instructions For PRP Tubes

Why Choose Aesthetic PRP Device?

- Triple Sterilization

All of our PRP tubes and kits are sterilized three times.

- Individual sealed medical package

One tube is packed into one sealed medical package.

- Pyrogen Free

1. What is pyrogen?

Pyrogen is a induced thermal substance that will cause warm-blooded people's temperature to rise abnormally.

2. Why is pyrogen dangerous?

The pyrogen has the properties of heat resistance, filterability, water solubility, non volatility and easy to be absorbed.

If the Injection contains $1 \mu\text{g} / \text{kg}$ pyrogen, it will cause adverse reactions. Fever reaction usually occurs 1 hour after injection. Sometimes, the temperature can rise to 40°C or more. The body will have the symptoms of chills, fever, sweating, nausea, vomiting, even coma or prostration. If the patient is not rescued in time, it may endanger his life. This phenomenon is called "pyrogenic reaction".

All of Virtuouse PRP tubes are treated with pyrogen-free process.

How to Use The Aesthetic PRP Device?

1. Prepare for venous blood collection: Place a tourniquet on the patient and use an alcohol swab to sterilize the injecting area.
2. Connect Holder with Butterfly needle. Then take blood by butterfly needle.
3. When blood is floating out, put PRP tube in the holder and make sure the needle is inserted through the tube. When the tube is full of blood, take it out and you may put the second PRP tube in the holder.
4. After blood collection, rotate the tubes up and down 4-5 times so that anticoagulant and blood could mix thoroughly. Put these two tubes into a centrifuge symmetrically. Or use a CounterWeight

- Settings of the centrifuge:

3500 rpm and 8 minutes for Aesthetic PRP tube.

5. After centrifugation, take out the tubes. The yellow part above is Platelet Rich Plasma (PRP).
6. Tips: The closer to the separation gel, the higher the concentration of PRP.
7. Connect a long needle with the syringe. Please notice that the long needle can not touch the gel, especially the sharp long needle.
8. Extract PPP (Yellow - Platelet Poor Plasma) for Micro-Needling
9. Extract PRP from the tubes.