

# Platelet Rich Plasma Injection Randomized Controlled Trials-2024

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Each circle represents a randomized controlled trial that used PRP to treat an orthopedic indication. Each circle has the number of patients treated and the comparison group listed. If a ? Appears for the "n", I was unable to determine the "n". **Click on the text in each circle to be taken to the PubMed link.** Only studies listed in the US National Library of Medicine were included. The blue circles represent studies where PRP was effective, beat the comparison group, or was non-inferior to another biologic like Hyaluronic Acid (HA) or corticosteroid. The red circles mean that PRP was inferior to a biologic like HA, known placebo, corticosteroid, or conservative care. A "!" on the study means that the researchers did not meet the minimum definition for PRP as defined by Marx as 2X platelet concentration or higher. Not all studies added for 2024 were checked for that PRP dose floor. The icon to the right of the circle indicates that the injections were blind, with ultrasound, or using fluoroscopy. An asterisk means that only the abstract was available or that paper did not provide enough detail to estimate PRP dose. When the circle is dark green, PRP was superior to the standard of care of placebo comparator. When the circle is light green, the study wasn't compared against a standard of care of placebo comparator. When the circle has no color, the comparator was equivalent to PRP and non-superior, but effective.