

## **ZIMMER BIOMET PRP INJECTION INFORMATION:**

THE BODY'S BLOOD IS THE HIGHWAY THAT DELIVERS NUTRITION, TAKES AWAY WASTE, AND TRANSPORTS MATERIALS THE BODY NEEDS TO REPAIR AND HEAL. PLATELET RICH PLASMA (PRP) IS THE PART OF THE BLOOD CONTAINING MATERIAL NEEDED FOR HEALING AND REPAIR. WITH PRP WE CAN DIRECT AND MAGNIFY THE BODY'S NATURAL ABILITY TO HEAL. THIS ALLOWS US TO HELP THE BODY REPAIR DAMAGE IT WAS NOT CAPABLE OF DOING ALONE AND/ OR WITH SIGNIFICANTLY FASTER HEALING.

AREAS OF THE BODY LIKE JOINTS AND LIGAMENTS HAVE A SMALLER BLOOD SUPPLY THAN OTHER PARTS OF THE BODY. WITH DECREASED SUPPLY, HEALING OFTEN TAKES SIGNIFICANTLY LONGER, AND IN THE PAST OFTEN REQUIRED SURGERY. WITH PRP WE ARE ABLE TO GIVE THE BODY WHAT IT NEEDS IN THE PRECISE LOCATION IT NEEDS IT!



### **GPS® III Platelet Concentration System**



Whole blood contains several components that can be concentrated during centrifugation to form a buffy coat layer or leukocyte-rich platelet-rich plasma. By utilizing the GPS III Platelet Concentration System, the patient's own platelets can be separated into a highly concentrated formula.

#### **PRP Output\* Concentrations**

- 90% recovery of available platelets<sup>1</sup>
- 9.3x platelet increase over baseline<sup>1</sup>
- 5x white blood cell increase over baseline<sup>2</sup>
- 6 ml of autologous PRP output\*<sup>2</sup>
- 15 minutes centrifuge process<sup>2</sup>

### HOW IS PRP PERFORMED?

PRP IS SIMPLY THE COMPONENTS IN YOUR OWN BLOOD CONTAINING MATERIAL FOR REPAIR AND HEALING.

WE TAKE A SMALL AMOUNT OF THE PATIENTS OWN BLOOD, THEN WE SEPARATE OUT THE PRP WITH THE HELP OF THE ZIMMER BIOMET TUBE AND A CENTRIFUGE. THE PATIENT IS GIVEN A NUMBING INJECTION BEFORE THE PRP IS INJECTED BACK INTO THE SPECIFIC AREA BY THE DOCTOR.

THE PURITY AND CONCENTRATED PLATLETS CAN VARY SIGNIFICANTLY FROM DIFFERENT DOCTORS OFFICES, AND THE USE OF DIFFERENT MANUFACTURERS KITS. WORKING WITH AN EXPERIENCED DOCTOR WHO USES HIGH QUALITY EQUIPMENT WILL CREATE THE PRP WITH THE HIGHEST PURITY AND BEST RESULTS WITH HELPING THE BODY HEAL.

IDEALLY, ONE INJECTION WILL HELP WITH 80-100% HEALING. IF THE INJECTION IS FOR SEVERE ARTHRITIS A SERIES OF THREE INJECTIONS IS REQUIRED. PRP INJECTIONS HAVE BEEN AROUND SINCE THE 1970'S AND KEPT SOME OF THE BEST SPORTS NAMES IN THE GAME, FOR EXAMPLE TIGER WOODS, TENNIS PLAYER RAFAEL NADAL, AND THE LATE KOBE BRYANT. UNFORTUNATELY, INSURANCES WILL NOT ACKNOWLEDGE COVERING THE PROCEDURES. PRP IS USED IN OUR OFFICE TO TREAT PLANTAR FASCIITS, ACHILLES TEARS AND TENDONITS, PERONEAL TENDONITIS, NEUROMAS, POSTERIOR TIBIAL TENDONITIS, ARTHRITIS, AND MANY OTHER INJURIES OF THE FOOT AND ANKLE.