

# PRP (Platelet Rich Plasma)



## What is Platelet Rich Plasma (PRP)?

Platelets are mostly responsible in clotting blood. However, platelets also contain hundreds of proteins called growth factors which are very important in the healing of injuries.

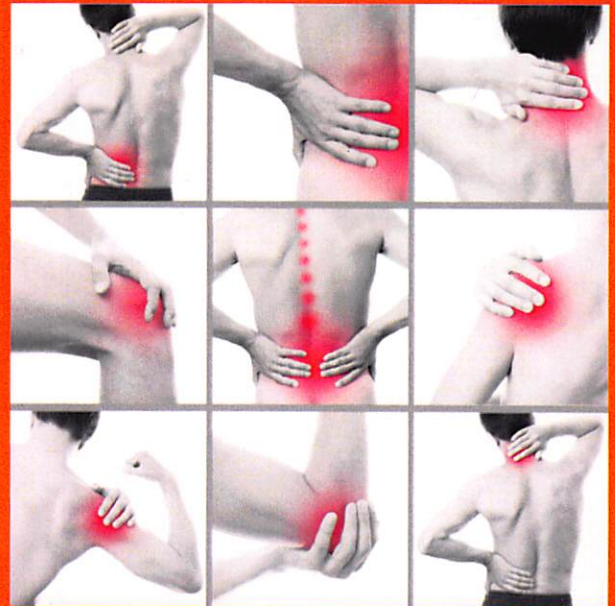
PRP is a cocktail of plasma with many more platelets than what is typically found in our blood. The concentration of platelets in PRP reach 7-12 times the concentration found in the blood stream and thereby offer growth factors 7-12 times greater (richer) than that of typical blood.

## How is PRP prepared?

To create PRP, blood is drawn from a patient similar to a lab draw. The platelets are separated from other blood cells and concentrated using a centrifuge and specialized medical devices. The platelets are combined with the blood plasma resulting in the desired concentration of PRP.

## Treatment options

PRP is a great alternative from surgery, drugs, or injections with steroids. Treatment areas include joints, ligaments, tendons, and muscles.



With a 30-minute procedure, and injections from an expert in regenerative techniques, you can get back to the life you want and deserve.

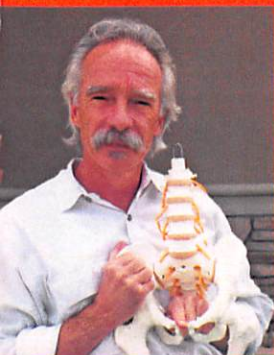
## Dr. Tim Duerler, M.D.



Tim Duerler M.D. earned his doctorate of medicine from the University of Cincinnati in 2005 and completed his family medicine residency at the University of Hawaii in 2008. Since then he has been practicing comprehensive primary care along with a special interest in musculoskeletal injuries and holistic treatments including

joint injections and bedside ultrasound-guided diagnosis and treatment. He has studied the latest advances in regenerative medicine and is excited to offer these services to the Hawaii community.

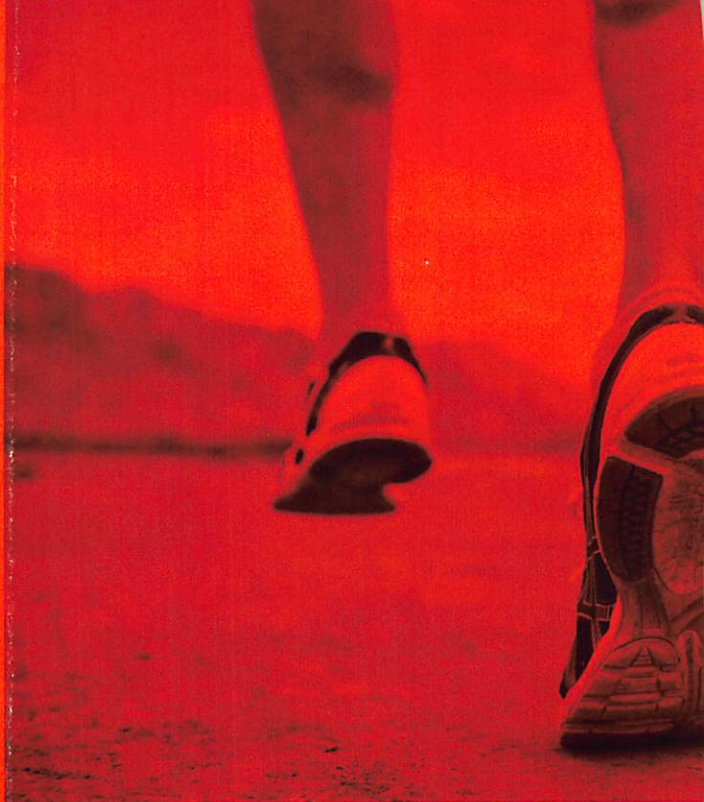
## Dr. Russell Parker, D.O



Dr. Russ Parker has been practicing medicine for 30 years since graduating from Nova Southeastern College of Osteopathic Medicine. Dr. Parker completed a residency in Family Practice and Osteopathic Musculoskeletal Medicine in 1992.

He has received training in regenerative medicine/stem cell and PRP injections with numerous institutions across the country and practiced for many years with several regenerative institutes. He is an expert in the harvesting and injection of autologous adult stem cells. He has lectured to physicians on his experience to physicians throughout the country. Dr. Parker was the primary treating physician in three separate stem cell studies involving former NFL athletes, and was a pioneer in the process of the stem cell facelift procedure. He is excited about bringing his skills and expertise to the Big Island for the benefit of her patients.

**(808) 769-5010 / Mangomed.org**



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DAY	HOURS
Monday	7:30am - 5:30pm
Tuesday	7:30am - 5:30pm
Wednesday	7:30am - 5:30pm
Thursday	7:30am - 5:30pm
Friday	7:30am - 5:30pm
Saturday	Closed
Sunday	Closed

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