

Workshop de Plasma rico en plaquetas (PRP) - Células madre.

*Dr. Fabio Lana (Indaiatuba, Brasil) - Dr. Noel Peterson (Oregon, EEUU).
Moderador: Dr. Gonzalo Yamauchi (Argentina) – Lic. Daniel Mautor (Argentina).*

8:15-8:30 hs	Acreditación y recepción
8:30-9 hs	PRP en tendones y regeneración de cartílagos y su mecanismo de acción- Review. Dr. José Fabio Lana
9-9:30 hs	MARSIPILL – clasificación PRP. Dr. José Fabio Lana
9:30-10hs	No todos los PRP son iguales (concentraciones de plaquetas, glóbulos blancos y glóbulos rojos) – Dr. Noel Peterson
10-10:50 hs	PRP – métodos de preparación. Dr. Noel Peterson
10:50-11:10 hs	Coffe break
10:50-11:30 hs	Biológicos y A2M en Medicina Regenerativa. Dr. José Fabio Lana
12-13 hs	Almuerzo
13-13:30 hs	Como optimizamos PRP y BMAC. Dr. José Fabio Lana
13:30-14 hs	Preparando el terreno para medicina regenerativa. Dr. José Fabio Lana
14-14:30 hs	Otros usos del PRP. Dr. Noel Peterson
14:30-15:15 hs	BMAC – Dr. José Fabio Lana
15:15-15:45 hs	Stem cells de Células adiposas. Dr. Noel Peterson
15:45-16:45 hs	Demostración con 2 pacientes de PRP
16:45-17 hs	Mesa redonda – fin de workshop

1) Not all PRP is created equal: Why concentration, leukocyte and red cell concentrations effect the clinical outcome of PRP studies. About 30 minutes

- I will discuss that many studies are poorly designed, and use a variety of concentrations, that the studies often do not describe the leukocyte and red cell concentrations in their PRP, and difference this makes in the study of PRP.
- (current clinical studies on PRP)

2) Methods of preparation: I can describe my methods, Gonzalo, will there be an opportunity to actually concentrate patient blood and demonstrate this? - about 30 minutes

- High concentration/ low yield
- Low concentration/high yield
- LR-PRP
- LP-PRP

3) Other uses and Indications and patient selection- about 45-60 minutes

- When is dextrose prolo the best choice?
- When is PRP the best choice?
- perineural (Neuroprolotherapy)
- Wounds
- Dry eye
- Concussion
- Neurodegeneration
- COPD

4) Adipose stem cells 45-60 minutes

- Advantages and disadvantages of adipose stem cells
- Methods of collection and processing
- Fat graft vs. ADSVF
- Dietary and lifestyle factors that improve stem cell effectiveness

I am able to discuss any of the current research on PRP if needed.

I also have 6 topics that I have been considering to discuss:

- 1- Platelet-rich Plasma Review in Tendon and Cartilage Healing - The Mechanism of Action.
- 2- MARSPILL PRP Classification that we have published last year.
- 3- How we can optimize PRP and BMAC products to increase results
- 3- Biologicals in Osteoarthritis - knee, hip, shoulder, cervical and lumbar spine.
- 4- A2M Product
- 5- BMAC
- 6- Preparing the Soil - An approach to improve results