

## COMPONENTS OF PLATELET RICH PLASMA

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- PDGF (Platelet derived growth factor)
  
- TGF-a & b (Transforming growth factor alpha & beta)
  
- EGF (Epidermal growth factor)
  
- FGF (Fibroblast growth factor)
  
- IGF (Insulin growth factor)
  
- PDEGF (platelet derived epidermal growth factor)
  
- PDAF (platelet derived angiogenesis factor)
  
- High concentration of leukocytes (neutrophils, eosinophils) for microbicidal events.
- High concentration of wound macrophages and other phagocytic cells, for biological debridement.
- Histamines, Serotonin, ADP, Thromboxane A2, and other vasoactive and chemotactic agents.
- High platelet concentration and native fibrinogen concentration for improved hemostasis.