

## Application of PRF in implant clinical

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### Abstract:

PRF whose platelet concentration is high, is considered that the action of these factors is increased than normal clots. That is, the fibrin by to take advantage of the PRF in clinical, fibrinogen, since growing even concentration of vitronectin exiting from alpha granules siege of clinical bone graft, morphological transformation from securing scaffold of osteoblasts to bone cells, stem cells into bone cells it is also effective in the scaffolding of the change. And to play a major role is also suggested in that it connects a small gap between therefore implant surface and the bone surface, too

There are three periods can be broadly divided into bone regeneration, one stage end intrusion of capillaries, and a bone-forming cells appear all together period. Phase 2 is to make the osteoid osteogenic cell performs the proliferation and differentiation, is a further step of combining the original bone in progress calcification increases curing. And the third phase is regenerated bone resorption, is remodeling, lamellar bone, it is time that Haversian system is going to be made. PRF is to increase the speed of intervention bone neogenesis in one phase when it is applied early during the surgical procedure, it is considered that the said can affect the bone mass. It's still fragile capillaries in the nascent, it is required to rest, largely affected easily with the idea from bone regeneration Phase 1 to infection, the effect of fibrin by the PRF, and high platelet concentration, that is a high concentration of growth factors is, is considered to be very effective.

To create PRF using the core front Inc. centrifuge several years in this hospital, as compared to previously and which is not used PRF by using a PRF is kept applied to the implant clinical involved in bone augmentation I think I got a valid result. I think that implant placement is of course in the implant clinical, sinus lift, and bone augmentation, to let me describe the clinical picture that PRF application of at the time of these times.