

Stages of STSG Uptake

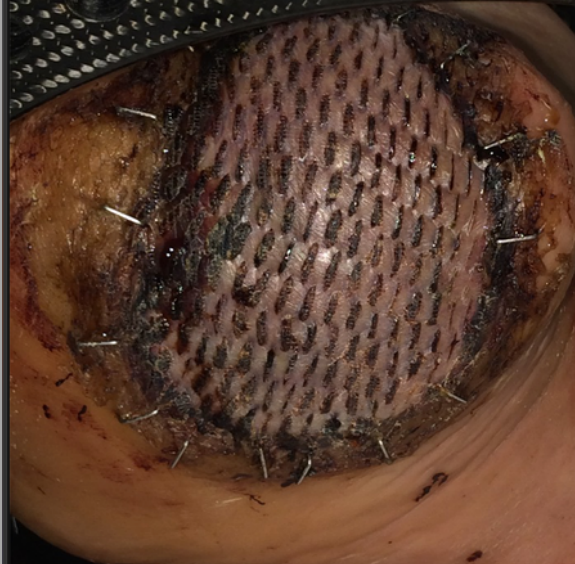


1. **Plasmatic imbibition (plasmatic circulation)**
 - a. 1st 48 hrs following STSG application
 - b. Fibrin network provides a scaffold for graft adherence
 - c. Graft is engorged with plasmatic fluid
 - i. Notice the white color of the graft



2. **Revascularization (inosculation and neovascularization)**
 - a. 2-4 days post graft application
 - b. Ingrowth of capillary buds from the recipient bed
 - c. Vascularization can be restored within 5-7 days
 - d. Bolster dressing should be left in place for 5-7 days
 - e. Venous and lymphatic outflow usually begin by day 9

*notice the pink color of the graft



3. **Reorganization**
 - a. Reinnervation usually begins around 2 months (may take 1-2 yrs)
 - b. Dyshidrosis often present (lack of eccrine sweat glands)

*may require an emollient

