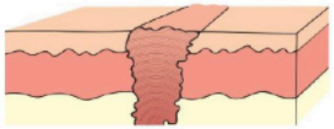
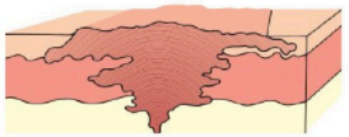
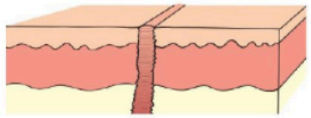
Keloids vs. Hypertrophic scars

Very brief idea:

An incised wound heals in three stages: Inflammatory → proliferative → maturational
(1) Gap in tissue fills with blood and fibrin **(2)** Replaced by collagen and fibrous tissue **(3)** Organization of fibrous tissue.

	Hypertrophic scars	Keloids
Definition	Exaggeration of the normal maturation process (Excess collagen deposits causing raised scar)	Similar to hypertrophic scars but they continue to enlarge (Excess collagen deposits causing scar growth)
Margins	**Confined to the scar**, between the skin edges	**Beyond the borders** of the original wound
Duration	Enlarges for **2-3 months** (never exceeds to 6 months)	Continue to enlarge for **6-12 months** after initial injury
Localization	**ANYWHERE** Especially after burn wounds + extensor surfaces of joints	Earlobes Sternum and above clavicles Deltoid (shoulder)
Contracture	Yes (possible)	No
Movement	Limits movement	Usually not affected
Risk factors	Dark skin	Genetics (autosomal dominant) + Dark skin
Management	Elastic pressure garments, Steroid injections OR application of silicone gel DO **NOT** excise	Elastic pressure garments, Steroid injections OR application of silicone gel DO **NOT** excise If everything Fails → intra-lesional excision followed immediately by low-dose radiotherapy
Recurrence	Rare	Common
Illustration	 	 



Normal scar

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