"Normal Knee"

Mitosis regularly occurs to maintain skin and replace dead/old skin.

"Damaged Knee"

Deep cut
Blood

Mitosis Response
○ = skin cell
□ = scab cell

Immune Response
"T-cells" inside cut

"Germ" Bacterial virus

Special immune response triggers change in mitosis to "scab mitosis."

T-cells ensure "germs" do not multiply and cause the wound to be infected. Do these (x) cells help produce "scab" cells? Trigger different mitosis maybe?

Does mitosis rate increase at the site of wound? Why are scab cells harder than regular skin?