

Mode of action

Biological processes during wound healing with hyaluronic acid.

Stage	Process	Mechanisms
1st Phase	Actuvating the inflammation reaction	Increased cell infiltration, Increase in inflammation-promoting cytokines
	Moderating the inflammation reaction	Inhibition of pro-inflammatory cytokine production
2nd Phase	Cell proliferation	Promotion of mitosis and detachment of cells
	Cell migration	Increase in hyaluronic acid synthesis Hyaluronic acid-rich, hydrated the matrix promotes cell migration
	Neoangiogenesis	Low molecular hyaluronic acid stimulates the formation of blood vessels
3rd Phase	Keratinocyte funcitons	Hyaluronic acid-rich matrix is associated with the proliferation of basal keratinocytes
4th Phase	Scarring	Hyaluron acid-rich matrix reduces collagen storage and scarring