

# Integra dermal regeneration matrix

When INTEGRA® Template is placed on a wound where burned or scarred skin has been removed, INTEGRA provides the needed framework for the blood vessels and dermal skin cells to re-grow into a new skin layer. The silicone outer layer temporarily closes the wound to ward off infection and control fluid and heat loss. As skin cells migrate into the matrix the collagen is slowly absorbed into the body and replaced with protein that is naturally produced by the skin. In approximately 14 to 21 days, new dermal skin is produced and the silicone layer can be removed. A thin skin graft of the person's epidermis is applied to the wound area to complete the procedure.

In total, the two surgical procedures are typically completed within 30 days. A person is left with flexible growing skin and minimal damage at the skin graft donor sites.

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