

Patient's name :- Sambhu Chaudhary

27-Feb-2025

Patient's address :- Lahan , Siraha, Nepal

Disease's name :- Skin allergies

Skin Teledermoscopy

Reason :- In this disease, allergy occurs due to climatic and environmental reasons. And extreme heat, cold, humidity or pollution affects the skin, causing allergy.



Treatment's name:- Synthetic stem cell therapy is an emerging approach that has the potential to treat skin allergies by mimicking the regenerative and anti-inflammatory properties of natural stem cells. While still in experimental stages, here's how it could work: 1. Anti-Inflammatory Effects: Synthetic stem cells can be engineered to release bioactive molecules (such as cytokines and growth factors) that suppress the immune system's overreaction, which is a key factor in allergic skin conditions like eczema, contact dermatitis, and urticaria. 2. Tissue Regeneration and Repair : Skin allergies often damage the skin barrier. Synthetic stem cells could help by: Promoting the regeneration of damaged skin tissues. Stimulating the production of collagen and elastin. Accelerating wound healing and reducing scarring. 3. Immunomodulation: Synthetic stem cells can be designed to produce immunosuppressive factors that reduce hypersensitivity reactions. They may also help balance immune cells (e.g., reducing overactive T cells and increasing regulatory T cells).

Suggested synthetic stem cells:- 100001

