Compositions And Methods For Wound Healing
Tech ID: 33451 / UC Case 2022-741-0

BRIEF DESCRIPTION
A breakthrough technology using insulin-secreting cells and stem cells to enhance wound healing and reduce scar formation.

APPLICATIONS
Healthcare industry: Wound care management
Diabetes care: Treatment and prevention of foot ulcers
Cosmetic industry: Scar reduction therapies

ADVANTAGES
Accelerates wound healing process
Reduces scar and scab formation
Offers potential solution for chronic wounds and diabetic foot ulcers
Topical application means easy to use
Versatile application methods (hydrogel dressing, microencapsulation)

Problems Solved:
- Slow healing of chronic wounds
- High rate of scar and scab formation
- Poor wound management solutions for diabetic patients

DESCRIPTION
This technology introduces a unique combination of insulin-secreting cells and stem cells, formulated for topical application, to expedite wound healing and minimize scar formation. It can be applied in various forms including a hydrogel dressing and microencapsulation. It's particularly effective for chronic wounds and diabetic foot ulcers.

PATENT STATUS
Patent Pending