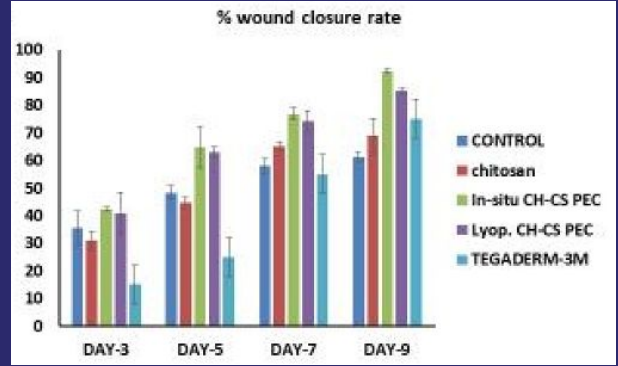


Granted IN201811035517

Formulation for wound healing



NEED

Conventional wound dressings lack satisfactory adhesion, delaying healing. A scaffold is needed to promote wound healing with hemostatic potential, adaptable to various wound shapes and sizes.

SOLUTION

The invention introduces a porous scaffold composition for wound healing, employing a polyelectrolyte complex of chitosan and chondroitin sulfate, along with a method and kit for its application.

INNOVATION

The development of a scaffold composition using a polyelectrolyte complex of chitosan and chondroitin sulfate, along with a kit for in-situ scaffold formation, innovatively enhances wound healing capabilities.

MARKET ANALYSIS

Market: Automotive Valve Control Systems
CAGR: Moderate, influenced by advancements in engine technology and emission standards.
Potential Indian Clients: Major automotive manufacturers, engine component suppliers.

WHY INVEST?

- Wound healing
- Polyelectrolyte complex
- Antibacterial
- Macrophage stimulation

AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC A61K, A61L, C07D
- Domain
Automotive Engineering



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