



BIOTECH CONSORTIUM INDIA LIMITED

CONTROLLED RELEASE POLYMERIC MATRIX

TECHNOLOGY AVAILABLE FOR TRANSFER

TECHNOLOGY

The technology offers a process of preparation of Macroporous polymeric matrix made up of pyrrolidone, polyvinyl alcohol and polyethyleneglycol diacrylate for controlled release of iodine or other therapeutic agents.

The process has been developed at the Department of Biological Sciences and Bioengineering of Indian Institute of Technology, Kanpur.

APPLICATIONS

- Transdermal therapeutic delivery system
- Adhesive bandage for wounds, burns and exudative wounds

INTELLECTUAL PROPERTY

Patent Pending

COMPETITIVE ADVANTAGES

- Controlled release of one or more therapeutics such as antiseptic agents, antibacterial agents, antiviral agents, antipathogen agents, proteins, hormones, growth factors, immune modulators, enzymes and amino acid
- Biocompatible.
- Soft and leaves no residue of fibers in wounds
- High absorption of body fluids
- Does not support growth of microorganisms

STATE OF DEVELOPMENT

The technology is developed and validated till lab scale.

LICENSING OPPORTUNITY

BCIL is looking for a suitable company involved in wound dressing products

CONTACT:

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