

STEMALIA

Learn everything about
BPC-157



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**Name of the Peptide / Product****BPC-157****Tissue Repair and Regeneration****Type / Family:**

Synthetic peptide derived from the gastric protective protein.

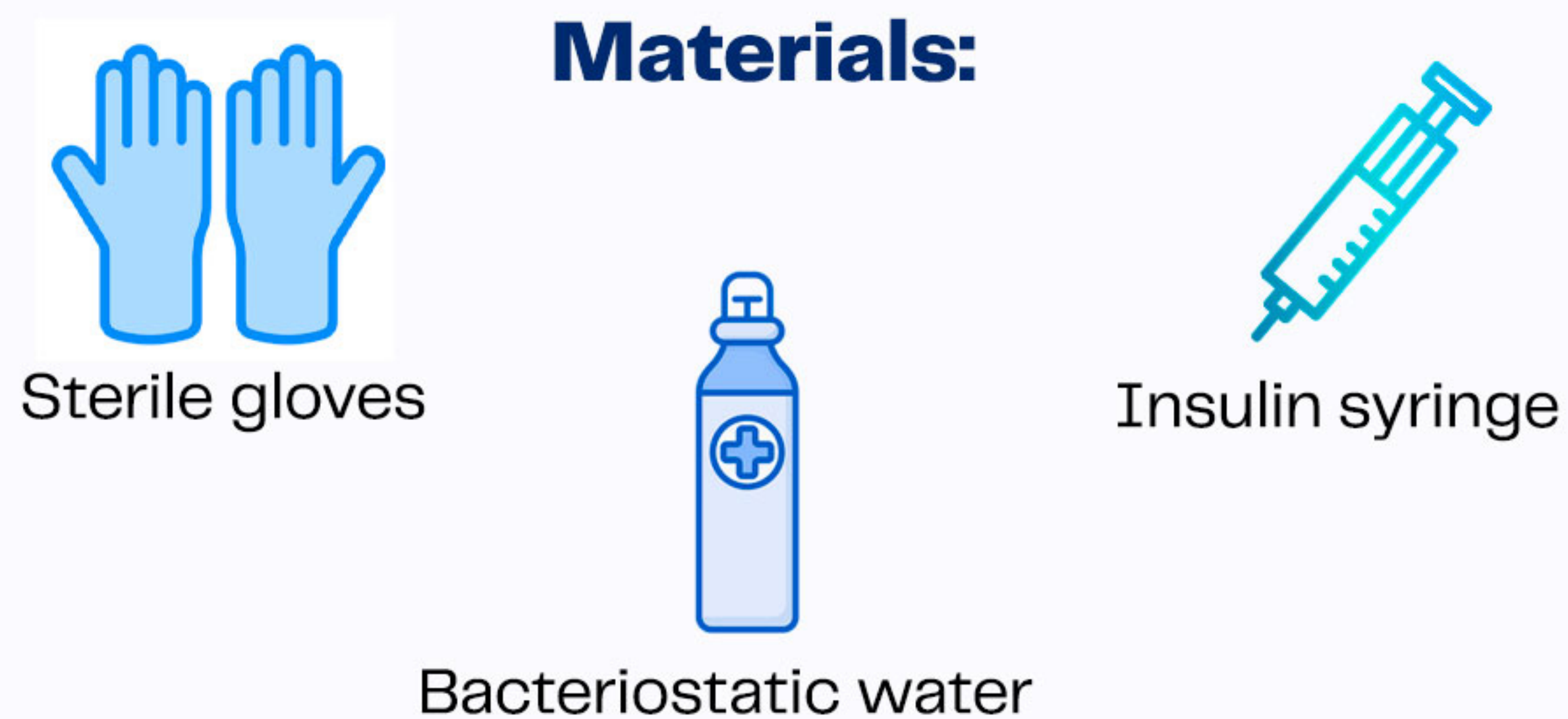
Route of administration:

Subcutaneous or intramuscular (oral use reported in capsules, but less bioavailable).

Half-life: Relatively short, but with prolonged biological effect.

BPC-157 (Body Protection Compound-157) is a peptide known for its potent regenerative and anti-inflammatory effects. It promotes the repair of muscular, tendon, ligament, and

gastrointestinal tissues. It is used in post-surgical recovery, sports injuries, and inflammatory pathologies.

RECONSTITUTION AND DOSE CALCULATION SCHEME**TYPICAL RECONSTITUTION:**

5 mg vial + 2 mL AB → concentration of 2.5 mg/mL.

SUGGESTED DOSAGE:

250–500 mcg daily (approximately 0.1–0.2 mL depending on concentration).

CYCLE LENGTH:

4–6 weeks, adjustable according to clinical response.

MAIN FUNCTIONS

- Promotes healing of tendons, ligaments, and muscles.
- Protects and regenerates the gastric epithelium.
- Reduces systemic inflammation.
- Accelerates angiogenesis and vascular repair.
- Synergistic potential with TB-500 in chronic injuries

ADMINISTRATION METHODS**Route:**

Subcutaneous or intramuscular.

Recommended areas:

Close to the injured area (for soft tissue) or abdomen (for systemic effects).

Suggested time:

Preferably at night or post – workout / rehabilitation.

CONTRAINDICATIONS AND SIDE EFFECTS

- **Absolute contraindications:** Hypersensitivity to the compound.
- **Relative contraindications:** Pregnancy, breastfeeding, active cancer patients.
- **Common side effects:** Rare; occasional local discomfort at the injection site.
- **Rare side effects:** Transient changes in blood pressure.

CLINICAL CONSIDERATIONS

- Can be combined with TB-500 for chronic injuries.
- Useful in post-surgical rehabilitation and sports medicine protocols.
- Potential support for inflammatory bowel diseases.

STORAGE AND STABILITY

- **Freeze-dried:** Store at room temperature or refrigerated (2–8°C).
- **Reconstituted:** Refrigerate between 2–8°C.
- **Shelf life:** 30 days after reconstitution.

OBSERVATIONS / FINAL NOTES

- Excellent initial option for physicians looking to integrate peptides into their regenerative practice.
- Favorable safety profile, ideal as a gateway to tissue repair protocols.



Presentation: 10 mg lyophilized vial

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Reconstitution: 2 ml bacteriostatic → 5000 mcg/ml

Routes of administration: Subcutaneous

Minimum dose: 250 mcg

Maximum dose: 500 mcg

Frequency: 1–2 times daily

Typical duration: 4–6 weeks

Targets: Tissue repair, tendons, digestive system

Sequence: Gly-Glu-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val

Molecular formula: C₆₂H₉₈N₁₆O₂₂

Molecular weight: 1419.54 g/mol

CAS number: 137525-51-0