**PulmoSal™ 7% (pH+)**

**Bio-Balanced™ Hypertonic Saline for Sputum Induction & Airway Clearance**

**Indication.** For the induction of sputum where sputum production is desired.

**Bio-Balanced™.** PulmoSal 7% (pH+) is formulated to match the natural physiologic pH of the airway surface liquid (ASL) at ±7.4.

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**Unique, Non-Acidic Inhalation Solution**

- Only FDA-cleared sodium chloride solution for inhalation buffered with sodium bicarbonate to a pH of 7.4.
- Other sodium chloride inhalation solutions are formulated with a pH of 4.5 to 7.0, clearly acidic.
- Pseudomonas aeruginosa has an affinity to colonize in an acidic pH of ~6.0.
- PulmoSal 7% (pH+), with a pH of 7.4, does not add acidity to the ASL.

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**Prescribing Information:**

**PulmoSal™ 7% (pH+):** Sodium chloride Inhalation Solution, 7%, pH 7.4. Each single-use vial contains 4 mL sterile, preservative-free, non-pyrogenic sodium chloride solution 7%, for inhalation, pH 7.4, buffered with sodium bicarbonate.

**Indications:** The contents of these vials are used in conjunction with a nebulizer for the induction of sputum where sputum production is indicated.

**Warning:** Not for injection or parenteral administration.

**Directions for Use:** Hold vial gently, twist and pull off top. Invert and squeeze to dispense prescribed volume, typically the entire vial, into nebulizer cup. Discard any unused solution of this single-use vial and any unused solution remaining in nebulizer cup.

**How Supplied:** Single-use plastic vials containing 4 mL solution in cartons of 60 vials.

**NDC:** 50190-740-60

**Storage:** Store at room temperature, 15° to 30° C (50° to 86° F). Avoid excessive heat and protect from freezing.

**Substitution:** Not substitutable with USP 7% Sodium Chloride.

**Caution:** Rx Only.

**Note:** Patents Pending.

PulmoSal (pH+) is licensed to Westmed, Inc. by PharmaCaribe, LLC
The Complete Pulmonary Hygiene Triad
Now from Westmed

Hyperosmolar aerosol promotes mucolysis; recent study has shown reduction in *Pseudomonas aeruginosa* CFU count\(^1\)

High-efficiency delivery system assures optimal deposition of hypertonic saline aerosol

Targeted acoustical airway vibration loosens mucus and facilitates expectoration

**PULMOSAL™**
7% (pH+)
Bio-Balanced Hypertonic Saline

**Circulaire® II**
High-Efficiency Aerosol Delivery System

**Vibralung®**
Acoustical Percussor

Pulmonary Hygiene Triad

Only from Westmed – An Effective Triad of Airway Clearance Therapies

Hyperosmolar aerosol promotes mucolysis; recent study has shown reduction in *Pseudomonas aeruginosa* CFU count\(^1\)

High-efficiency delivery system assures optimal deposition of hypertonic saline aerosol

Targeted acoustical airway vibration loosens mucus and facilitates expectoration

**PulmoSal 7% (pH+)**
Hypertonic Saline for Inhalation
Order: #50190-740-60

**Circulaire II Aerosol Delivery System**
Order: #0393R

**Vibralung Acoustical Percussor**
Order: #9501, 9502

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