Kit for the Preparation of Technetium Tc99m Pyrophosphate Injection
For Diagnostic Use, Rx Only

- Blood Pool Imaging: Diagnostic agent for the detection of gastrointestinal bleeding and for gated blood pool studies
- Cardiac imaging: Adjunctive diagnostic agent for detection of acute myocardial infarction
- Bone imaging: For demonstration of sites of altered osteogenesis

- Each 10 ml multidose reaction vial contains:
  - 12.0 mg sodium pyrophosphate
  - 2.8 mg minimum stannous tin and 4.9 mg maximum total tin as stannous chloride dihydrate
  - pH adjusted to 5.3 to 5.7
  - Contents lyophilized and sealed under nitrogen

- High tin content for increased red cell binding capacity

- Shelf life up to 12 months at room temperature storage

- Choice of 5-vial kit or 30-vial Convenience Pack
Kit for the Preparation of Technetium 99m Pyrophosphate Injection For Diagnostic Use

**Rx Only**

**DESCRIPTION**

Kit for the Preparation of Technetium 99m Pyrophosphate Injection is a radioimmunodiagnosis containing the iron, pyrophosphate, and sodium starch, which is used for the radiodiagnostic examination of bone and bone tissue in various bone diseases.

**SPECIFICATIONS**

- **Technetium 99m Pyrophosphate Injection:**
  - 1 vial containing 5 mL of 99mTc Pyrophosphate Injection.
  - Each vial contains 120 mg/mL of sodium pyrophosphate, 2.8 mg/mL of sodium starch, and 4.0 mg/mL of Technetium 99m Pyrophosphate.
  - The pH of the solution is adjusted with hydrochloric acid to 5.0-5.5.

**CONTRAINDICATIONS**

- Patients with a history of severe allergic reactions to technetium-99m products.
- Patients with a history of severe reactions to any of the components of the injection.

**ADVERSE REACTIONS**

- Pain at the injection site, fever, chills, and other systemic reactions.

**PRECAUTIONS**

- Care should be taken when using the injection in patients with a history of renal or liver disease.

**INDICATIONS**

- Bone and joint disease, including arthritis and osteoporosis.

**DOSAGE AND ADMINISTRATION**

- 5 mL of 99mTc Pyrophosphate Injection should be administered intravenously.

**SIDE EFFECTS**

- No side effects are expected.

**NOTICE**

- The injection should be administered within 2 hours of preparation.

**PACKAGING**

- Each kit contains 1 vial of 99mTc Pyrophosphate Injection and 1 syringe with a needle for administration.

**PACKAGING INFORMATION**

- The kit is packaged in a sealed, tamper-evident container.

**DOSAGE**

- The usual dose for adults is 5 mL of 99mTc Pyrophosphate Injection.

**SIDE EFFECTS**

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