

# Dectyle 25 Injection

## Nandrolone Decanoate (25mg) Injection: Comprehensive Information

**Generic Name:** Nandrolone Decanoate

**Strength:** 25mg per mL

**Drug Class:** Anabolic Steroid

**Formulation:** Injectable Solution

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### Description

Nandrolone Decanoate is a synthetic anabolic steroid derived from testosterone. It promotes muscle growth, bone density, and the production of red blood cells. The 25mg dose is typically used for pediatric patients, geriatrics, or cases requiring lower anabolic support under careful medical supervision.

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### Indications and Uses

- Chronic Illness-Associated Muscle Wasting:**
    - Helps in regaining muscle mass and strength in patients with debilitating illnesses.
  - Anemia of Renal Disease:**
    - Stimulates red blood cell production to combat anemia.
  - Osteoporosis:**
    - Increases bone mineral density, especially in postmenopausal women.
  - Pediatric Use:**
    - Occasionally used for growth-related issues in children under strict medical supervision.
  - Other Uses (Off-Label):**
    - May be prescribed for cachexia, burns, or recovery from major surgery or trauma.
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## Dosage and Administration

- Standard Dose:**
  - Administered via **intramuscular injection (IM)**.
  - Dosage depends on the patient's condition, age, and response to treatment.
  - Frequency: Every **1–4 weeks** as determined by the physician.
- Pediatric Dosage:**
  - Carefully adjusted based on body weight and medical condition.
- Geriatric Dosage:**
  - Often lower doses to minimize the risk of adverse effects.

### Administration Notes:

- Inject deep into the gluteal muscle to reduce irritation.
  - Rotate injection sites to avoid tissue damage.
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## Precautions Before Use

### Do not use Nandrolone Decanoate if:

- You are allergic to nandrolone or any of its components.
- You have prostate or breast cancer (in males).
- You have severe liver, kidney, or heart disease.
- You are pregnant or breastfeeding.

### Use cautiously in patients with:

- A history of cardiovascular disease or stroke.
- Diabetes mellitus (monitor blood glucose levels).
- Liver or kidney impairment.
- Polycythemia (high red blood cell count).

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## Potential Side Effects

- 1. Common Side Effects:**
  - Acne, oily skin.
  - Increased hair growth or hair loss.
  - Injection site pain or irritation.
- 2. Serious Side Effects:**
  - Gynecomastia (enlarged breast tissue in males).
  - Fluid retention, leading to swelling.
  - Liver abnormalities or jaundice.
  - Deep vein thrombosis (DVT) or blood clots.
- 3. Long-Term Side Effects:**
  - Suppression of natural testosterone production.
  - Potential cardiovascular risks (e.g., high blood pressure, heart disease).
  - Masculinization effects in women or children.

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## Drug Interactions

- 1. Medications to Avoid or Monitor:**
  - **Anticoagulants:** May increase the risk of bleeding.
  - **Corticosteroids:** May exacerbate fluid retention.
  - **Insulin or Antidiabetic Agents:** Adjustments may be needed as anabolic steroids can affect blood glucose levels.
- 2. Lab Interference:**
  - May alter thyroid and liver function tests.

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## Overdose and Emergency Management

- Overdose symptoms: Severe fluid retention, rapid weight gain, or cardiovascular complications.
- Management: Supportive care and symptomatic treatment. Seek immediate medical attention.

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## Storage Instructions

- Store at controlled room temperature (20–25°C / 68–77°F).
- Protect from light and moisture.
- Keep out of reach of children.

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## Warnings and Legal Considerations

- **Controlled Substance:** Nandrolone Decanoate is classified as a Schedule III controlled drug in many countries due to its potential for abuse and dependence.
- **Athletic Use:** This drug is banned by most sports organizations. Misuse can lead to disqualification and health complications.
- **Pregnancy Category X:** Do not use during pregnancy, as it can cause harm to the fetus.

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**Disclaimer:** This guide is for informational purposes only. Use Nandrolone Decanoate strictly under the guidance of a qualified healthcare provider. Always discuss your medical history, current medications, and potential risks before starting treatment.

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