

# Canine Leishmaniasis Treatment Comparison: Milteforan vs Glucantime

## 1. Administration:

- Milteforan: Oral liquid, once daily
- Glucantime: Injectable (subcutaneous or intramuscular), once daily

## 2. Ease of Use:

- Milteforan: Easy, owner-friendly dosing
- Glucantime: More difficult, requires injections and monitoring

## 3. Duration:

- Milteforan: Typically 28 days
- Glucantime: 2128 days, possibly repeated in cycles

## 4. Protocol (for 35 kg dog):

- Milteforan: 2 mg/kg/day 70 mg/day 3.5 mL daily
- Glucantime: 100 mg/kg/day 3.5 g daily (given SC or IM)
- Both often combined with Allopurinol (1020 mg/kg BID)

## 5. Effectiveness:

- Milteforan: Moderate, especially early-stage; resistance can develop
- Glucantime: High efficacy in clinical response when paired with Allopurinol

## 6. Side Effects:

- Milteforan: Vomiting, diarrhea, possible mild kidney stress
- Glucantime: Kidney/liver risk, injection discomfort, rare pancreatitis

## 7. Cost:

- Milteforan: Expensive (oral, patented drug)
- Glucantime: More affordable (older injectable drug)

## 8. Best Use Case:

- Milteforan: Early-stage cases, when oral treatment preferred
- Glucantime: Relapsed cases, or when Milteforan fails

## 9. Monitoring:

- Both require blood tests (renal, hepatic panels) before and during treatment

## 10. Note:

- Combination with Allopurinol is standard for both drugs
- Preventive measures (e.g., sandfly collars) are vital to avoid reinfection