

# Chengdu KaiJie Biopharm Co., Ltd.

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### **About Author**

Chengdu Kaijie Biopharm Co, Ltd. (KJBP) is one of leading peptide manufacturers in Asia. With its highest capacity of production in China and the outstanding quality of peptide products, Kaijie holds a unique position.

## **Terlipressin**

**Terlipressin** is an analogue of vasopressin used as a vasoactive drug in the management of hypotension. It has been found to be effective when norepinephrine does not help. Indications for use include norepinephrine-resistant septic shock and hepatorenal syndrome. In addition, it is used in bleeding esophageal varices.

### 1.1.A Intravenous route

1) The recommended initial dose is 2 to 4 milligrams intravenously, followed by maintenance doses of 1 milligram every 4 to 6 hours for 2 to 3 days. The maximum



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recommended daily dose is 120 micrograms/kilogram. Cardiovascular function and fluid status should be closely monitored during **terlipressin** administration

2) **Terlipressin** injection 1 milligram is reconstituted with 5 milliliters sterile normal saline

#### 2. Pharmacokinetics

#### 2.1 Onset and Duration

- A) Onset
  - 1) Initial Response
    - a) Bleeding, intravenous: 25 to 40 minutes.
    - 1) When used to treat blood loss associated with burn excision or dressing changes with toxic epidermal necrolysis, **terlipressin** reached effect within 25 to 40 minutes
- B) Duration
  - 1) Single Dose
  - a) Bleeding, intravenous: 2 to 10 hours
  - 1) The duration of action of **terlipressin** is significantly longer than that of vasopressin (20 minutes) and lypressin (30 minutes)

