

A major side effect that occurs with this medication is agranulocytosis, or a severe and dangerous decrease in white blood cell count. The cause is unknown and typically occurs with a gradual onset within the first six months of administration.

## **Sedation**

### [Sedation-dart](#)

Due to dopaminergic blockade, this medication can lead to heavy sedation in patients.

## **Orthostatic Hypotension**

### [Oar Hippo-BP](#)

Clozapine may also cause orthostatic hypotension, with or without associated syncope. This side effect occurs because clozapine has anti-alpha-1 adrenergic effects, which may lead to decreased catecholamine release.

## **Constipation (Risk of Bowel Ileus)**

### [Corked Con-toilet](#)

Clozapine also binds and blocks cholinergic receptors, leading to various anticholinergic side effects, like constipation. It is important to note that sialorrhea, rather than dry mouth, is more commonly associated with this medication, as described in detail above. While patients may only complain of abdominal discomfort, this side effect can lead to more treacherous outcomes, such as bowel ileus, gastric outlet obstruction, and peritonitis with bowel infarction or perforation.

## **Considerations**

### **Weekly Lab Tests**

#### [Weekly-newspaper with Lab-coat and Test-tubes](#)

Because agranulocytosis is a common fatal side effect, blood lab values are checked often. For the first six months, white blood cell (WBC) levels and absolute neutrophil count (ANC) are checked weekly. For the second six months, they are checked every two weeks. They must continue to be checked for four weeks after discontinuing treatment with the medication. C-reactive protein (CRP) and troponins are also followed because of the risk of myocarditis.