

# Toxicity:

Side effects to treatment, important for effective evaluation of disease and treatment, based on the Common Terminology Criteria for Adverse Events (CTCAE). Based on the evaluation of the patient or patient reported symptoms, did the patient have a Grade III or Grade IV toxicity.

## Example:

`#toxicity` for the patient is `#<grade>` with `#<adverse event>` likely from `#<attribution>`.

## Process:

1. Must start with the `#toxicity` tag.

2. After `#toxicity`, specify one grade value:

`#Grade 1`  
`#Grade 2`  
`#Grade 3`  
`#Grade 4`  
`#Grade 5`

3. After `#toxicity`, specify one adverse event. All possible values are defined in CTCAE v4. Examples:

`#nausea`  
`#dyspepsia`  
`#anemia`  
`#eye pain`  
`#febrile neutropenia`  
...

4. After `#toxicity`, one attribution value must be specified:

`#treatment`  
`#disease`  
`#error`  
`#unrelated`  
`#unknown`  
...

## Additional examples:

Patient reports `#toxicity #grade 1 #nausea` attributed to `#treatment`.

`#Toxicity #eye pain` reported at `#grade 2`. Probably `#unrelated`.

Case of the `#toxicity` tag can vary.

Adverse event and grade are defined by Common Terminology Criteria for Adverse Events (CTCAE) version 4.03 (June 14, 2010).

Grade, adverse event, and attribution can be specified in any order.