

Progression

The ... indicates that any text can appear in between the # expressions

Reasons can appear before and/or after the single status value

- #progression ... #<status> ... #<reason> ... #<reason> ...

Must have exact #progression tag (case can vary) before any of the other tags

After #progression, **one and only one** of the **status** values must be specified:

- #Complete Response
- #Complete Resection
- #Responding
- #Stable
- #Progressing
- #Inevaluable

After #progression, **one or more** (but only once each) **reason** values must be specified:

- #Pathology
- #Imaging
- #Symptoms
- #Physical Exam
- #Markers

Progression is defined by ... (reference Andre's document describing Monica's definitions?)

Examples:

- Disease #progression is **#stable** based on **#imaging**, **#symptoms**, and **#markers**.
- #Progression of disease (evidence is **#pathology** and **#markers**) is **#responding**.

Toxicity

The ... indicates that any text can appear in between the # expressions

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

- #toxicity ... #<grade> ... #<adverse event> ... #<attribution>

Must have exact #toxicity tag (case can vary) before any of the other tags

After #toxicity, one and only one of the grade values must be specified:

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

After #toxicity, one and only one adverse event must be specified. All possible values are as defined in CTCAE v4.

Examples:

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

After #toxicity, one and only one attribution value must be specified:

#treatment
#disease
#error
#unrelated
#unknown

Adverse events and grades for each are defined by **Common Terminology Criteria for Adverse Events (CTCAE) version 4.03 (June 14, 2010)**.

Examples:

- Patient reports #toxicity #grade 1 #nausea attributed to #treatment.
- #Toxicity #eye pain reported at #grade 2. Probably #unrelated.

Staging

The ... indicates that any text can appear in between the # expressions

T, N, and M values can be specified in any order.

- #staging ... #<T> ... #<N> ... #<M>

Must have exact #staging tag (case can vary) before any of the other tags

After #staging, one and only one T (tumor size) value must be specified:

#Tis
#T0
#T1
#T2
#T3
#T4

After #staging, one and only one N (nodes) value must be specified:

#N0
#N1mi
#N1
#N2
#N3

After #staging, one and only one M (metastases) value must be specified:

#M0
#M1

T, N, and M values are defined by **American Joint Committee on Cancer (AJCC) 7th edition**.
#Staging only supports breast cancer currently.

Examples:

- Tumor #staging #T2 #N0 #M0.
- #Staging #N1 with existing tumor size #T2 and no metastases (#M0).