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### **STAGING**

#### **Quick Summary of Section**

## **Staging**

• Stage refers to the extent of your cancer, such as how large the tumor is, and if it has spread.

## **TNM Staging System**

•The TNM system is the most widely used cancer staging system.

## Stage 0-IV

• The TNM combinations are grouped into five less-detailed stages.

# Localized, Regional, Distant, Unknown

• This staging system is more often used by cancer registries than by doctors.

#### **Staging**

Stage refers to the extent of your cancer, such as how large the tumor is, and if it has spread.

- A cancer is always referred to by the stage it was given at diagnosis, even if it gets worse or spreads.
- New information about how a cancer has changed over time gets added on to the original stage. So, the stage doesn't change, even though the cancer might.

#### Systems that Describe Stage

There are many staging systems. Some, such as the TNM staging system, are used for many types of cancer. Others are specific to a particular type of cancer. Most staging systems include information about:

- Where the tumor is located in the body
- The cell type (such as, adenocarcinoma or squamous cell carcinoma)
- The size of the tumor
- Whether the cancer has spread to nearby lymph nodes
- Whether the cancer has spread to a different part of the body
- Tumor grade, which refers to how abnormal the cancer cells look and how likely the tumor is to grow and spread

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## TNM Staging System

The TNM system is the most widely used cancer staging system.

- The T (Tumor) refers to the size and extent of the main tumor. The main tumor is usually called the primary tumor.
- The N (Nodes) refers to the number of nearby lymph nodes that have cancer.
- The M (Metastasis) refers to whether the cancer has metastasized. This means that the cancer has spread from the primary tumor to other parts of the body.

When your cancer is described by the TNM system, there will be numbers after each letter that give more details about the cancer—for example, T1N0MX or T3N1M0. The following explains what the letters and numbers mean:

#### Primary tumor (T)

- TX: Main tumor cannot be measured.
- T0: Main tumor cannot be found.
- T1, T2, T3, T4: Refers to the size and/or extent of the main tumor. The higher the number after the T, the larger the tumor or the more it has grown into nearby tissues. T's may be further divided to provide more detail, such as T3a and T3b.

#### Regional lymph nodes (N)

- NX: Cancer in nearby lymph nodes cannot be measured.
- N0: There is no cancer in nearby lymph nodes.
- N1, N2, N3: Refers to the number and location of lymph nodes that contain cancer. The higher the number after the N, the more lymph nodes that contain cancer.

#### Distant metastasis (M)

- MX: Metastasis cannot be measured.
- M0: Cancer has not spread to other parts of the body.
- M1: Cancer has spread to other parts of the body.

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#### Stage 0-IV

The TNM system helps describe cancer in great detail. But, for many cancers, the TNM combinations are grouped into five less-detailed stages. When talking about your cancer, your doctor or nurse may describe it as one of these stages:

- Stage 0 or in situ- Abnormal cells are present but have not spread to nearby tissue.
  - Also called carcinoma in situ, or CIS. CIS is not cancer, but it may become cancer.
- Stage I, Stage II, and Stage III Cancer is present. The higher the number, the larger the cancer tumor and the more it has spread into nearby tissues.
- Stage IV The cancer has spread to distant parts of the body.

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## Localized, Regional, Distant, Unknown

Another staging system that is used for all types of cancer groups the cancer into one of five main categories. This staging system is more often used by cancer registries than by doctors. But, you may still hear your doctor or nurse describe your cancer in one of the following ways:

- Localized—Cancer is limited to the place where it started, with no sign that it has spread.
- **Regional**—Cancer has spread to nearby lymph nodes, tissues, or organs.
- **Distant**—Cancer has spread to distant parts of the body.
- **Unknown**—There is not enough information to figure out the stage.

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