

# Staging

**Staging** is determination **of the extent of the tumor**. A number of systems are used for staging. The most common is the **TNM** system.

	<b>TNM</b>
pTNM	postoperative, pathological classification
yTNM	posttherapeutic classification
rTNM	recurrence classification

- **T (tumor; indicates tumor size)**

1. T<sub>x</sub> (size cannot be determined)
2. T<sub>0</sub> (none)
3. T<sub>1</sub>
4. T<sub>2</sub>
5. T<sub>3</sub>
6. T<sub>4</sub> (growing into surrounding tissues - skin etc.)
7. T<sub>is</sub> (carcinoma in situ)

- **N (nodes; tells us if regional lymph nodes)** are affected

1. N<sub>x</sub> (cannot be determined)
2. N<sub>0</sub> (regional lymph node are not affected)
3. N<sub>1</sub>
4. N<sub>2</sub>
5. N<sub>3</sub>

- **M (Metastases; tells, if distant metastases have been established)**

1. M<sub>x</sub> (cannot be determined)
2. M<sub>0</sub> (no metastases presented )
3. M<sub>1</sub> (metastases present)

In the final analysis **5 stages with different prognosis** are created:

- **St.0** – carcinoma in situ; without metastases
- **St.1** – small, invasive carcinoma; without metastases
- **St.2** – larger invasive carcinoma; there may be minor lymph node involvement
- **St.3** – extensive invasive carcinoma; extensive lymph node involvement
- **St.4** – distant metastases in any extent of primary tumour

from other *staging systems* should be mentioned:

- **Dukes system** (I-III): is used for staging **colorectal cancer** .
- **FIGO system** (International Federation of Gynecology and Obstetrics) (I-IV): is used for staging **malignant cervical cancer**.
- **Clark and Breslow classification**: is used for staging **Malignant melanoma**.

## References

### Related articles

- Tumour classification

### Source

- BENEŠ, Jiří. *Study materials* [online]. © 2007. [feeling. 2010-03]. <  
[http://jirben2.chytrak.cz/materialy/onko\\_JB.doc](http://jirben2.chytrak.cz/materialy/onko_JB.doc) >.

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## References

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