## Histological tumour grade (Core)

Grade (differentiation) of the tumour contributes to pathological staging or pathological prognostic grouping.<sup>1</sup>

The 5<sup>th</sup> Edition of the World Health Organization (WHO) classification has defined the morphological criteria for grading of adenocarcinoma and squamous cell carcinoma.<sup>2</sup>

In adenocarcinoma, grade 1 is defined as adenocarcinoma with >95% of the carcinoma with well-formed glands; grade 2 with 50% to 95% with well-formed glands; grade 3 is <50% with glandular formation.<sup>3</sup>

In squamous cell carcinoma, grade 1 to grade 3 depends on the amount of keratin pearls, cytological atypia, mitotic activity and proportion of basaloid cells.<sup>4</sup>

Histological tumour grade is applicable to squamous cell carcinoma and adenocarcinoma only.

## References

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