

SUPPLEMENTAL MATERIAL 3: Delphi rankings at various rounds.

WCT sections:	Risk factors Epidemiology	Etiology, Pathogenesis	Clinical features, Radiology, Localisation, Macroscopy, Histopathology, Cytology	Immunohistochemistry, Molecular pathology	Prognosis Predictive (of outcome) markers Staging
Level P1	Randomised-controlled trials; systematic reviews	Randomised-controlled trials	Randomised-controlled trials; systematic reviews	Diagnostic test studies; randomised-controlled trials; systematic reviews	Case-control studies; randomised-controlled trials; systematic reviews
Level P2	Cohort studies; meta-analysis	Cohort studies; diagnostic test studies; systematic reviews	Case-control studies; cohort studies; diagnostic test studies	Case-control studies; cohort studies	Cohort studies; cancer registry data
Level P3	Case-control studies; consensus studies; diagnostic test studies; other cross-sectional studies; cancer registry data; guidelines, systematically developed; molecular biology database entries; non-controlled or non-randomised trials	Case-control studies; consensus studies; fundamental (basic) studies; other cross-sectional studies; animal studies; cancer registry data; meta-analysis; molecular biology database entries	Case series; consensus studies; other cross-sectional studies; agreement (kappa) studies; cancer registry data; guidelines, systematically developed; meta-analysis; molecular biology database entries	Case series; consensus studies; other cross-sectional studies; fundamental (basic) studies; agreement (kappa) studies; cancer registry data; meta-analysis; molecular biology database entries; non-randomised trials	Consensus studies; diagnostic test studies; other cross-sectional studies; guidelines, systematically developed; non-randomised trials
Level P4	Case series	Case series	Clinical laboratory test validation studies	Clinical laboratory test validation studies	Case series
Level P5	Clinical laboratory test validation studies; case reports	Clinical laboratory test validation studies; case reports	not currently used Case reports; rapid reviews	not currently used Case reports;	Clinical laboratory test validation studies; case reports; non-controlled trials

The evidence rankings from the Delphi part of this study. Evidence types in black represent the round two rankings, and those in red represent round three rankings. Note – some of the evidence types here may differ in name from those in the final version as the terminology evolved in real time along with the glossary (supplementary file 2). Some categories were combined, for example meta-analyses were absorbed into systematic reviews for the final version (which is presented in Figure 2).

WCT= World Health Organisation Classification of Tumours.