## **The NICR Staging Tool** A Rule-based Cancer Staging Application, Freely Available to **Cancer Registries**

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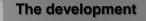
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## Background

 Correct. consistent staging is important for predicting cancer survival and population-based research but also for measuring treatment effectiveness and outcomes for cancer patients.

•TNM and other staging classification systems can be complex and practitioners encourage to use simplified versions (see diagram and table below for N staging of breast cancer). Detail of N3 classification for breas



·We used our own resources to develop a staging tool software, with the intent to make it available and free to use to as many cancer registries as possible.

•We liaised with Springer Healthcare, LLC, to purchase licensing permissions

•We are collaborating with the IARC/WHO Global Initiative Cancer Registry for Development (GICR) in low- and mid-income countries to increase availability and usability.

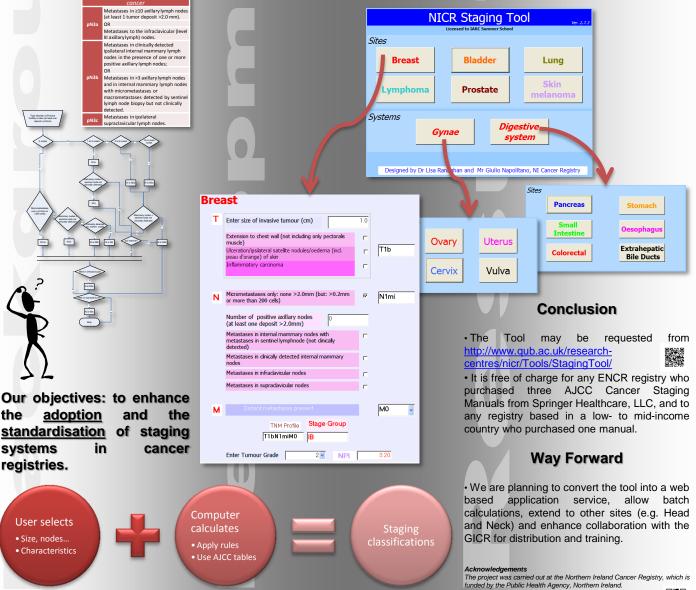
## The tool

 The tool is an MS Access database with VBA coding and a graphical user interface.

·It calculates TNM and other site-specific cancer staging classifications from basic features of the patient's disease, entered by the user in a controlled fashion.

•The algorithms illustrated in the AJCC Cancer Staging Manual, v.7, were encoded in the software and staging tables provided by Springer were embedded in the tool.

•The tool can be used to stage 16 cancer sites/types (see illustration below).



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