

N. Ireland Cancer Registry Implications of Research for Services

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Paper Title	Improving clinical risk stratification at diagnosis in primary prostate cancer: a prognostic modelling study.
Authors	Gnanapragasam VJ, Lophatananon A, Wright KA, Muir KR, Gavin A, Greenberg DC.
Journal	PLoS Med. 2016 Aug 2;13(8):e1002063.
DOI	doi: 10.1371/journal.pmed.1002063.
Funders	Within existing resources
Full paper available online	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NOT YET <input type="checkbox"/>
Conclusion	A novel and simple five-stratum risk stratification system outperforms the standard threestratum risk stratification system in predicting the risk of PCSM at diagnosis in men with primary non-metastatic prostate cancer, even when accounting for competing risks. This model also allows delineation of new clinically relevant subgroups of men who might potentially receive more appropriate therapy for their disease. Future research will seek to validate our results in external datasets and will explore the value of including additional variables in the system in order to improve prognostic performance.
What this means for the service	Identifies a method to improve prediction of prostate cancer using clinical datasets identified a very low risk group - circulated to NICaN Urology group.