

PRISMATIC RESEARCH STUDY

WHAT IS PRISM?

Prism is a predictive risk tool commissioned by the Welsh Government, that stratifies people into four levels based on their individual risk of an emergency admission to hospital in the following 12 months. The Prism tool was developed and validated using 300,000 (10% of the Welsh population) anonymised GP and hospital records from which 37 variables with the highest predictive power were selected.

Identifying people in the community most vulnerable to emergency hospital admissions can enable effective early intervention and prevent the distress and disruption to both the patient and their family caused by emergency admission.

WHAT IS PRISMATIC?

Although the Prism tool has been tested and refined (some practices have been involved in earlier evaluation work), PRISMATIC is the first study to look at the *effects* on patient care and resources following Prism use. The study will use an anonymous patient questionnaire, hospital and Prism data as well as clinician feedback.



The Prism tool — example practice page

WHAT DO PRACTICES GET?

- Access to Prism and training and support in use for improved patient care
- Contribution to major research project of international importance
- Service support costs of up to £1250
- Definitive answers to inform Prism use

WHO'S INVOLVED? The Swansea University led study is funded by the National Institute for Health Research Service Delivery and Organisation Programme. ABMU HB, the Welsh Government, NHS Wales Informatics Service, the Nuffield Trust, the BMA, and GPC Wales have all contributed to the research development. NISCHR South West Wales Research Network are providing research support to the study, and to practices.

WHAT DO PRACTICES NEED TO DO?

- Receive the Prism tool at a random point determined by the trial coordinating centre
 - Participate in a training session in its use
 - Commit to trial Prism in your practice
- Distribute around 50 questionnaires to patients on three occasions (at start, 6 and 12 months)
 - Participate in a focus group and interview
 - Invoice the university for research service support costs



Swansea University
Prifysgol Abertawe



Rhwydwaith Ymchwil
Thematiig ar gyfer
Gofal Brys, Gofal heb ei
Drefnu a Gofal Trauma

TRUST Thematic Research
network for emergency
Unscheduled and
Trauma care



Llywodraeth Cymru
Welsh Government

For further details see the information pack or contact:

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