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**M.Sc. in Health Informatics**

**Evaluating the effect of clinical dashboards designed to measure and improve the quality of nursing care and patient safety, in a mental health setting.**

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### **Abstract**

This research addresses how data is collected and used by nursing staff to make decisions about care and the impact this can have on quality of care and patient safety.

The purpose of this research was to study how clinical dashboards are used by nursing staff in a community mental health care setting and the effect this has on nursing staff adherence to guidelines and evidence based practice. A literature review was carried out to identify key factors, themes and constraints of clinical dashboards.

The researcher used a mixture of both quantitative and qualitative research methods for this study as Healthcare is very complex and a mixed research method may help with this complexity.

The study established that clinical dashboards can prove to be a valuable tool in giving feedback to nursing staff about whether they are meeting expected guidelines and evidence based practice which in turn helps to ensure nursing staff are delivering high quality and safe patient care.

### **Keywords**

**Clinical Dashboards, Quality Care Metrics, Nursing, Quality of Care, Patient Safety**