

EPIC EHR Shared Patient List System for Trauma & Orthopaedics – Re-Audit

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Type	QIP
Specialty	orthopaedics
Trust	Princess Royal University Hospital (King's College Hospital NHS FT)
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Background

An initial audit of the eTrauma patient tracking system at PRUH identified significant operational inefficiencies in the T&O; department. Key problems included: mandatory manual patient location updates requiring 5–6 clicks and EPIC access each time; no automatic location tracking causing patients to be frequently missed; no integration with investigation results including blood tests; and substantial daily time costs — staff spent 15–30 minutes per day on manual updates, equating to over 60 hours per clinician annually. The initial audit found that 60% of staff experienced location errors three or more times per week, 26.7% reported daily errors, and 66.7% experienced care delays attributable to system issues. In response, a QIP introduced EPIC-native shared patient lists for T&O; teams, with automatic location updates, integrated lab results (Hb, CRP, antibiotics, G&S; date), and summary/to-do functionality for handovers. This re-audit assessed the impact of the intervention.

Aims

To re-audit the T&O; patient tracking workflow following implementation of EPIC shared patient lists, assessing improvements in system usage, clinical efficiency, and patient care impact compared to the initial audit.

Objectives

1. Assess frequency and patterns of shared list usage across T&O; teams post-implementation. 2. Evaluate whether location accuracy errors have reduced compared to baseline. 3. Quantify time savings achieved through elimination of manual eTrauma updates. 4. Assess handover quality and reliability with the new system. 5. Determine the impact on missed information incidents and patient care delays. 6. Evaluate overall staff satisfaction and preference between the old and new systems.

Guidelines

NHS Digital – Electronic Patient Record Standards; Local King's College Hospital NHS Foundation Trust EPIC EHR policy

Keywords

EPIC, EHR, shared patient list, eTrauma, T&O;, trauma and orthopaedics, handover, patient tracking, QIP, clinical efficiency, PRUH, electronic patient record, ward round