PATHPOINT®

TRAKCARE INTEGRATION IN SCOTLAND

NHS Ayrshire & Arran

NHS Lanarkshire

OpenMedical

Background

Due to the escalating demand for Trauma and Orthopaedics services across Scotland's 14 Health Boards and the mounting time constraints on staff, patient information transfer methods have evolved. Seeking an efficient solution aligned with Scotland's healthcare data strategy, NHS Ayrshire and Arran and NHS Lanarkshire opted for Pathpoint eTrauma. This system seamlessly integrates with their local EPR system, TrakCare, meeting the criteria of being digitally enabled, user-friendly, and supported by a trusted supplier.

Challenges

- Legacy paper processes added inefficiencies in workflows
- Laborious and time-consuming to review paper-based case notes
- Longer decision-making due to manual processes
- Paper-based records lacked information on patients
- Information not readily accessible at the point of care

Project outline

The integration of TrakCare and Pathpoint eTrauma establishes a unified system, ensuring the secure, standardised, and efficient delivery of orthopaedic trauma care.

Platform Choice: Open Medical's Pathpoint eTrauma platform

Integration: HL7 ADT feed from TrakCare to Pathpoint + SOAP call to return documents into Clinical Portal

Objective

Optimise patient services and enhance the experience for clinicians using Pathpoint eTrauma

Data Linkage

- Connect demographic and patient admission data from TrakCare to Pathpoint
- Enable clinicians to manage patient care within eTrauma and maintain an efficient workflow

Data Transmission

- ADT feed acts as the conduit, transmitting patient data via HL7 messages (e.g., A28, A08, A01, A02, and A03) to Pathpoint
- Enable clinicians to access patient information through eTrauma and extract demographic data using patients' CHI numbers

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Pathway Synchronisation

- eTrauma admission pathway syncs with TrakCare admissions, providing clinicians with visibility into patient locations within eTrauma

- Synchronisation reduces the workload for both clinicians and administrative staff, eliminating the need to manage multiple systems

- eTrauma automatically discharges patients when they are discharged from TrakCare

Key Integration Aspects

→ Working in partnership

→ Regular meetings

→ Requests and documentation

→ Testing (conducted in collaboration with UHW eHealth QA team)

→ Troubleshooting

→ Go-Live

Integration Milestones

- Kick-off meeting

- Encryption keys and IP addresses exchanged

- Secure connection established with uni-directional HL7 message exchange

- UAT testing

- Transferred from TEST to LIVE

- Integration Live

Results

Clinician Efficiency

- Simple referral creation with patient demographics

- Live patient locations

- Automated workflows

Departmental Visibility

- Up-to-date patient information and management plans

- Real-time trauma lists

- Clear oversight of outpatient trauma

Data-driven Insights

- Standard minimum datasets

- SNOMED CT coding

- Instant service reports

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