

# PATHPOINT®

## Rapid Transformation to Meet

## Urgent Needs

**NHS**

**Royal National  
Orthopaedic Hospital**

NHS Trust

OpenMedical

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## Background

- The Royal National Orthopaedic Hospital (RNOH) is one of the largest orthopaedic hospitals in the UK, known for its excellence in elective orthopaedic care
- It operates as a referral hub for complex joint and limb reconstruction, musculoskeletal cancer care, and spinal surgery
- The hospital had to adapt quickly to become a regional trauma referral unit in response to NHS England's directive to free up inpatient capacity for COVID-19 cases
- The unique requirements for RNOH's trauma pathways included real-time digital referrals, trauma case tracking, a tight implementation timeline, and remote training for staff

## Challenges

- RNOH had to transform almost overnight to become a regional trauma referral unit
- The unique requirements for the RNOH trauma pathways included:
  - auditable real-time digital referrals from dozens of acute hospitals in the region
  - trauma case tracking and coordination an implementation timeline within 3 days
  - rapid remote training of multidisciplinary staff in line with social distancing guidelines

## Solution

- The Open Medical team of engineers and clinicians went to work to deliver the bespoke proposed solution: Pathpoint eTrauma
- The solution facilitates efficient digital referrals, triage, and repatriation of patients back to their home hospitals
- The platform became a central hub for managing trauma cases, accessible by the multidisciplinary team involved in patient care



We now have a link on our RNOH website, alongside other referral pathways, so that any hospital who needs to refer a trauma patient to us can do so at any time. The minimum dataset of information we need to guide patient care is on the digital referral, including custom fields unique to our in-house processes and specific to the current Covid-19 crisis. This coded information, presented in a clear and simple format, allows us to make efficient decisions about our patient capacity, theatre scheduling and follow-up, all in real time.

### Mr. David Goodier

Consultant Orthopaedic Surgeon in Complex Limb Reconstruction,  
Royal National Orthopaedic Hospital Trust



## Outcomes

RNOH's reputation as a centre of excellence was maintained, and the hospital was able to adapt to its new role in acute trauma care during the COVID-19 crisis

The platform allowed for real-time decision-making and communication with referring hospitals, optimising patient capacity, theatre scheduling, and follow-up

RNOH successfully managed over 320 trauma referrals in the first four weeks, admitting over 180 patients and performing over 170 trauma operations



Delivering acute trauma care brings about an entirely different model of working, and to do this while maintaining our reputation as a centre of excellence, we wanted to ensure we had the best available technology to manage our referrals and trauma workflows. Pathpoint eTrauma has allowed us to do this. As a cloud-based platform with an intuitive interface, we were able to deploy this solution throughout our referring hospitals in London with minimal user training within 72 hours.

### Professor John Skinner

Consultant Orthopaedic Surgeon, Director of Research and Innovation Centre  
Royal National Orthopaedic Hospital Trust



With the ultimate goal of improving quality of care, Pathpoint helps organisations **standardise** care, streamline processes to enhance **efficiency**, leverage **data-driven** insights, and foster a **collaborative** excellence among healthcare providers, all seamlessly

## ALIGNING WITH GIRFT PRINCIPLES.

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