



# Knowledge and Library Services Case Study

**Organisation of service user: Royal Orthopaedic Hospital Library**

**Articles to support research and develop the Birmingham Atypical Cartilage Tumour Imaging Protocol**

January 2026

## Reason for enquiry or knowledge need

To support the publication of over 410 papers, 74 book chapters, and 6 textbooks, as well as to develop several new clinical protocols including the Birmingham Atypical Cartilage Tumour Imaging Protocol.

## What the knowledge and library specialist did

I have asked the library to source a substantial number of articles from a wide range of journals to support my ongoing research and related publications. The library staff played a key role in identifying, retrieving, and providing access to relevant, high-quality literature in a timely manner, ensuring that I could base my work on robust evidence and stay up to date with the latest developments in the field. Their expertise in navigating databases and journals was invaluable in facilitating efficient and comprehensive literature searches, directly supporting the quality and impact of my research outputs.

## Impact of input from the library and knowledge service

### Immediate Impact

#### Description:

Input from the Library and Knowledge Service enabled rapid access to high-quality, evidence-based articles that directly supported research, clinical decision-making, and service development. This access allowed for the development of robust protocols and audits, improved confidence in clinical decisions, and supported collaborative working across multidisciplinary teams. The immediate availability of relevant literature facilitated high-quality research outputs, publication of papers, and improvements in patient management

## Quotes:

*“The supply of these articles has enabled me to perform high quality research, publish papers, improve patient care and collaborate with institutions across the world.”*

*“Protocols and audits developed with the support of the library have played a key role in streamlining services and enhancing the management of patients.”*

## Probable future Impact

### Description:

The continued use of the Library and Knowledge Service is likely to sustain and expand improvements in service delivery, patient care, and safety through ongoing evidence-based practice. Protocols developed using library-supported research, such as the Birmingham Atypical Cartilage Tumour Imaging Protocol (BACTIP), will continue to standardise care, reduce risk, and support financial efficiency. Ongoing access to high-quality evidence will further facilitate collaboration, inform future decision-making, and support the development of internationally adopted best practices.

## Quotes:

*“The BACTIP protocol for cartilage tumours is now implemented worldwide.”*

*“The library service has been instrumental in ensuring evidence-based practice, standardising care, and improving outcomes for patients.”*

*“The library at the Royal Orthopaedic Hospital offers an outstanding, friendly and essential service.”*

## Name and Job Title:

*Mr Rajesh Botchu, Consultant Musculoskeletal Radiologist.*

For further information on how you can get similar support contact your local NHS library and knowledge service.

## Submission Details

### Knowledge and Library Service Details:

Organisation: The Royal Orthopaedic Hospital NHS Foundation Trust

Contact name: Beth Boddice

Contact email: roh.library@nhs.net



**NHS Region** *[Make bold the option which applies:]*

East of England

London

**Midlands**

North East and Yorkshire

North West

South East

South West

**Sector user is based in:** *[Make bold the option which applies:]*

Acute

Acute and community

Care Trust

Commissioning Support

Community Trust

Cross-sector

Integrated Care Board

Integrated Care System

Mental Health

Mental Health / Learning Disability

Mental Health / Social Care

Primary Care

Public Health

Shared Service / Informatics

Social Care

Special HA

**Other. Specialist Foundation Trust**

**Group Impacted** *[Make bold the option which applies:]*

Additional Clinical Services

Administrative and Clerical

Allied Health Professionals

Estates and Ancillary

Healthcare Scientists

**Medicine and Dental**

Multiprofessional

Patients, Carers and the Public

Nursing and Midwifery

Scientific and Technical

Students

### **Impact Types**

- Contributed to personal or professional development**
- Contributed to service development or delivery**
- Facilitated collaborative working**
- Improved the quality of patient care**
- Mobilising evidence and organisational knowledge**
- More informed decision making**
- Productivity and efficiency**
- Reduced risk or improved safety**
- Saved money or contributed to financial effectiveness**
- Improved health and wellbeing of staff and learners**

### **Consent**

I have consent from individuals referred to in this case study to share details nationally for advocacy and promotion.

**Yes**

No