National Clinical Audit
United Kingdom

Dr R Greenhalgh
Chair of Clinical Radiology Audit and Quality Improvement Committee (CRAQIC)
Who are we?

• The Royal College of Radiologists (RCR) leads, educates and supports doctors who are training and working in the specialties of clinical oncology and clinical radiology.

• 11000 members worldwide.

• Approx 6000 members in the UK.

• All UK trainees and Consultants are expected to perform Audit/QI annually.
CRAQIC

• Carries out an annual programme of planned audit and quality improvement work and advises and represents the RCR and Faculty on matters related to audit and QI.
• 6 appointed members, up to 5 co-opted members and the College Officers
• Meet 4 x year.
CRAQIC National Audits

- Perform up to 4 a year
- Recently published RCR/national standards.
- Reliant on local audit leads.
- Raise awareness of new guidelines/standards.
- Benchmarking
- Repeat
Radiology reporting of osteoporotic vertebral fragility fractures on computed tomography studies: results of a UK national audit

David C Howlett 1, Karl J Drinkwater 2, Nadia Mahmood 1, Jozsef Illes 3, Jill Griffin 4, Kassim Javaid 5

Affiliations  + expand

PMID: 32435926 DOI: 10.1007/s00330-020-06845-2
Royal College of Radiologists national audit evaluating the provision of imaging in the severely injured patient and compliance with national guidelines

R. Greenhalgh, D.C. Howlett, K.J. Drinkwater
A national audit of radiology practice in cancer multidisciplinary team meetings

R. Balasubramaniam, K. Drinkwater, D.C. Howlett
Audit Live

• A collection of audit templates providing a framework identifying best practice in key stages of the audit cycle, covering over 100 radiology topics.
• Templates submitted by members and fellows
• Reviewed by CRAQIC prior to uploading to RCR website
<table>
<thead>
<tr>
<th>Search the audit templates</th>
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<tbody>
<tr>
<td>The accuracy of transcranial doppler in the assessment of vasospasm in patients with aneurysmal subarachnoid haemorrhage</td>
</tr>
<tr>
<td>Appropriateness of ultrasound scan requests for paediatric cervical lymphadenopathy</td>
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<tr>
<td>Safety and Outcomes of Cerebrovascular Digital Subtraction Angiography</td>
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<tr>
<td>Are too many neonatal lumbar spine ultrasounds being requested to interrogate ‘Sacral dimple’?</td>
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<tr>
<td>Interdepartmental Communication in Emergency Radiology: Documentation of Referrer Opinion on A&amp;E Radiographs</td>
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<tr>
<td>Indications for CT imaging in the severely injured patient</td>
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<td>Information offered to patients after consent for radiological procedures</td>
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<tr>
<td>Audit of Ultrasound Guided Renal Biopsy</td>
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<tr>
<td>Justification of contrast enhanced CT urography for investigation of haematuria in adult patients under 40 years old</td>
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<tr>
<td>Identification and relief of urological obstruction in the setting of Acute Kidney Injury (AKI)</td>
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www.rcr.ac.uk/clinical-radiology/audit-and-qi/auditlive
CRAQIC engagement

• Annual Audit Forum
• Annual audit poster competition
• Annual quality improvement poster competition
• Support local audit leads
Quality Standard for Imaging (QSI)

• QSI sets national quality criteria for imaging services.
• Services should evaluate their performance against these standards and make improvements where needed to meet - and continually improve against - the set criteria.
• Aligned to Care Quality Commission Standards.
QSI Criteria

Quality Standard for Imaging

Leadership and management
Patient experience
Facilities, resource and workforce
Clinical
Safety
The accuracy of interpretation of emergency abdominal CT in adult patients who present with non-traumatic abdominal pain: results of a UK national audit

D.C. Howlett a, K. Drinkwater b,*, C. Frost c, A. Higginson d, C. Ball d, G. Maskell e
• RCR NELA lead appointed 2020.
• Supports Local NELA Radiology Leads.
• Advises NELA re radiology questions
Summary

• RCR committed to robust audit to improve patient management.
• Programme of national audit through CRAQIC.
• Supports local audit through local audit leads and on line resources.
• Supports national audits working with other Colleges and Societies.