Implementation of a Reporting Radiographer service led by a Consultant Radiographer
Graham Kelly

Summary: Shrewsbury and Telford Hospitals appointed a Consultant Radiographer who started their position in June 2018. The focus of the Consultant Radiographer was:
• To increase the amount of reporting radiographers
• Increase the amount of reports generated by reporting radiographers
• Ensure robust clinical governance and quality.

Background and Implementation Structure: Traditionally the majority of plain film reporting was conducted by Consultant Radiologist within the Trust. However, in line with the RCR report (2019) [1] there is a national shortage of radiologist with a reliance on out-sourcing and our Trust was no different. Therefore there is an impetus for radiographer progression.

Strategy:
• A retrospective perspective of plain film imaging numbers was conducted to project forward the full time equivalence required to provide a robust plain film reporting service to ultimately be radiographer led in the future.
• Implementation of Annex 21 to ensure role creation when reporting courses completed.
• 50% protected training time for trainee reporters with removal of out of hour shifts.
• Implementation of a peer audit system of 5% per reporter with monthly governance meetings supported by SOPs (Standard Operating Systems) and Radiologist oversight if consensus cannot be sought.
• Utilisation of Health Education England (HEE) grants to support radiographer progression and equipment purchases.
• Implementation of a protected CPD session for current reporters.
• Facilitation of CPD events provided by the reporting team.
• Expansion of reporting protocols to include all skeletal areas and referral sources.
• Expansion in to Chest and Abdomen reporting.

Results
• **Increased** reporting session capacity from 4 to 19
• **Increased** reporting team from <1 whole time equivalent to >7
• **181% increase** in exams reported by radiographers
• **22 hours decrease** in report turn around times
• Successful training of 5 radiographers with **6 month** early completion of MSK trainees
• **98% Reporting Accuracy**

<table>
<thead>
<tr>
<th>Reported by Radiographers</th>
<th>Year</th>
<th>Amount</th>
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<tbody>
<tr>
<td></td>
<td>2017</td>
<td>10975</td>
</tr>
<tr>
<td></td>
<td>2018</td>
<td>19129</td>
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<tr>
<td></td>
<td>2019</td>
<td>30860</td>
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<table>
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<tr>
<th>Average Time (Hours) for Exam to Report (excluding Chest and Abdomen)</th>
<th>Year</th>
<th>GP</th>
<th>A&amp;E RSH</th>
<th>A&amp;E PRH</th>
<th>Average</th>
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<td>292</td>
<td>42</td>
<td>39</td>
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<tr>
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References