Diagnostic Radiology in Nigeria
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My Findings

Patient Population:
Majorly from with the area
Varies from acute emergencies to preventive imaging
HIV+ patients and routine screening
For Tuberculosis

Is Imaging Part of Patient Management?

<table>
<thead>
<tr>
<th>No of Days/week</th>
<th>No of hours/day</th>
<th>Avg. no patients/week</th>
<th>Avg. no of patients/day</th>
</tr>
</thead>
<tbody>
<tr>
<td>GPES</td>
<td>5</td>
<td>8</td>
<td>230</td>
</tr>
<tr>
<td><em>Central radiography</em></td>
<td>7</td>
<td>24</td>
<td>100</td>
</tr>
<tr>
<td>Ultrasound</td>
<td>7</td>
<td>24</td>
<td>300</td>
</tr>
<tr>
<td>MRI</td>
<td>5</td>
<td>8</td>
<td>15-20</td>
</tr>
<tr>
<td>CT (central)</td>
<td>7</td>
<td>24</td>
<td>35</td>
</tr>
<tr>
<td>CT (A&amp;E)</td>
<td>7</td>
<td>24</td>
<td>20</td>
</tr>
<tr>
<td><em>HRG</em></td>
<td>2</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td><em>IVU</em></td>
<td>3</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td><em>MCUG</em></td>
<td>2</td>
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<td>10</td>
</tr>
<tr>
<td><em>Mammo</em></td>
<td></td>
<td>2</td>
<td>8</td>
</tr>
</tbody>
</table>

Cost of Imaging:
X-rays: 1 view is #1,200 (chest x ray)
Utrasound is about #4000 (abdomino-pelvic)
CT scan from #20,000 to over #100,000 ($135 to over $650)
depending on the number of and body segments being imaged
MRI is #55,000 ($370)
*Children pay half of the adult cost

Case Presentation 1

• Plain radiograph of the wrists
• Widened growth plate
• Fraying, splaying and cupping of the metaphysis

Case Presentation 2

• Plain radiograph of the lower limbs
• Bowing of the femur (genu varum)
• Widened growth plate
• Fraying, splaying and cupping of the metaphysis
• Thin bony spur extending from the metaphysis to surround the uncalcified growth plate

Sample Chest Radiograph

8 year old male with productive cough, tympanic breath sound on exam. Rule out Pulmonary TB

Thank You Note:
• Dean, Student Affairs at RWJMS for granting me approval
• Dr Judith Amorosa and Dr Omosola Mojisola Aitalabi for facilitating this placement and for the mentorship
• Dr Escobar, Dr Kalbag, Rachel and the entire staff of Global Health department for their support in making this elective possible
• Dean Laumbach for her tremendous efforts towards the approval of the elective
• All residents who have actually thought all that I have learnt, I really appreciate the brotherly and sisterly love. I pray that God will continue to prosper you all and hope that a formal collaboration can be nurtured
• All the other staff of the department at UCH including the radiographers, the nursing staffs, clerks and secretarial staff