Ways to inspect
From quality control of equipment to supervision of quality management systems

Quality control of equipment (QC)
- Tube potential (kV)
- HVL
- Light/X-ray alignment
- Output/Dose
- Etc.

Regulations regarding self-assessment
- Periodic quality control of equipment

Quality Assurance (QA)
- Documented processes and procedures
  - Justification
    - Referral gridlines
    - Optimizing
    - DRL
    - Education and training
    - Pregnancy

Inspection structure

Radiation safety assessment of nine county councils

<table>
<thead>
<tr>
<th>ASSESSMENT</th>
<th>County 1</th>
<th>County 2</th>
<th>County 3</th>
<th>County 4</th>
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<tbody>
<tr>
<td>Competence</td>
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<tr>
<td>Premises</td>
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<tr>
<td>Justification</td>
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Resources
- Competence
- Premises
- Equipment

Activities
- Organization & QA
  - Protection of the public
  - Protection of the staff

Results
- Justification
- Optimization

Protection of Staff

Protection of the public
Cause of the low compliance
- The lack of quality management systems
- Management's lack of commitment to radiation safety
- Culture

From quality control of equipment to supervision of quality management systems

Quality management

Plan
- Define
- Prepare
- Document

Do
- Execute
- Record

Act
- Evaluate
- Correct

Check
- Measure
- Compare

Conclusions
We believe that our inspections are justified but not optimised!

Ways to inspect
“Start where you are. Use what you have. Do what you can.”
/ Arthur Ashe