AAPM Dose Check Education Slides

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Disclaimer

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Disclaimer

• Screen captures are examples of a common (or latest) software version only and all software versions are not represented

• The information contained herein is current as of the date shown on the title slide

• Modification of the content of these slides is not allowed.
User Access Controls

• Access Control for Dose Notifications
  • There is no global setting for dose notification since it is protocol specific. The setting can be configured for each individual protocol.

• Access Control for Dose Alerts
  • There is no protocol specific setting for dose alerts. The setting is within engineering menu which cannot be accessed by general users. It is set to 1000mGy by default.
# Configuring Dose Notifications

The Medical staff is responsible for patient radiation exposure and safety.
Configuring Dose Alerts
## Acknowledging Notifications

Dose in following elements of this exam plan will exceed the set Dose Notification Level.

<table>
<thead>
<tr>
<th>No.</th>
<th>Element</th>
<th>CTDvol Predicted</th>
<th>Notification Level</th>
<th>DLP Predicted</th>
<th>Notification Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Helical</td>
<td>33.7 mGy</td>
<td>30.0 mGy</td>
<td>1338.7 mGy.cm</td>
<td></td>
</tr>
</tbody>
</table>

Diagnostic Reason: Patient is large

Exceptional Image quality is
AAPM Working Group on Standardization of CT Nomenclature and Protocols

Acknowledging Dose Alerts

- Systems can be configured with username only or with both username and password required.
Turning off Dose Alert Feature
Location of alert/notification log

- Instructions on how to get to log of notification/alert events
- Instructions on exporting

<table>
<thead>
<tr>
<th>Alert value</th>
<th>Date/Time</th>
<th>Exam Plan</th>
<th>Study ID</th>
<th>CT Dose</th>
<th>Alert Value</th>
<th>CT Dose</th>
<th>Accepted</th>
<th>CT Dose</th>
<th>Alert Value</th>
<th>User Name</th>
<th>Diagnostic Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/14/2015</td>
<td>11:03</td>
<td>126</td>
<td>1583</td>
<td>1048.1</td>
<td>1000</td>
<td>16770.1</td>
<td>JLS</td>
<td>Large Patient</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>