AAPM Dose Check Education Slides

Neusoft Medical Systems USA

Last updated: 03/05/15
Disclaimer

The individuals involved in the production of this document along with the AAPM, ACR, ASRT, MITA, the FDA and the Image Gently Alliance and the Image Wisely Alliance do not endorse any of the specific products mentioned in these slides. Any screenshots of particular products are included for instructional purposes only.
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
  • Changes to GLOBAL NOTIFICATION LEVELS can be made in System Settings --> Scan Miscellaneous Settings --> Dose Setting --> Max CTDIvol per series --> Max DLP per series (mGy*cm)

• Access Control for Dose Alerts
  • Changes to GLOBAL ALERT LEVELS can be made in System Settings --> Scan Miscellaneous Settings --> Dose Setting --> Max CTDIvol per study --> Max DLP per study (mGy*cm)
Configuring Dose Notifications

Global Notification

- After checking Use the value from setting only, enter values in Max CTDIvol per series (mGy) and/or Max DLP per series (mGy*cm)
Configuring Dose Notifications per Protocol

Protocol Settings

After checking Max CTDIvol and/or Max DLP, enter desired values in dropdown.
Global Dose Alert

- After checking Max CTDIvol per study (mGy) and/or Max DLP per study (mGy*cm), enter desired values.
Acknowledging Notifications

Optional message may be entered in the text box above. Press Continue to scan or Return to edit scan parameters.
Acknowledging Dose Alerts

- The system is configured with Password Validation checked ON.
- When checked, the operator must enter Password and Operator fields. Reason text field is optional.
Turning off Dose Alert Feature

- Uncheck all boxes to turn off Dose Settings
Location of alert/notification log

<table>
<thead>
<tr>
<th>ID</th>
<th>Patient ID</th>
<th>Time</th>
<th>Type</th>
<th>Operator</th>
<th>Scan Time</th>
<th>Real CTDIvol(mGy)</th>
<th>Max CTDIvol Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>P-201504150325</td>
<td>2015-04-15 13:46:50</td>
<td>Alert</td>
<td>tc</td>
<td></td>
<td>98.7</td>
<td>200.0</td>
</tr>
<tr>
<td>4</td>
<td>P-201504150325</td>
<td>2015-04-15 13:49:43</td>
<td>Alert</td>
<td>tc</td>
<td></td>
<td>93.0</td>
<td>200.0</td>
</tr>
</tbody>
</table>

To view Dose Check Log, go to Service -- System Setting -- Dose Check Log