<table>
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<th>Guideline Page and Request</th>
<th>Panel Discussion</th>
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| LNT-1 External request: Modify the Risk Assessment footnote ‘b’ that currently reads “Chest x-ray is not recommended for lung cancer screening” to “Chest x-ray is not recommended for lung cancer screening; however, tomosynthesis has demonstrated superior lung nodule detection sensitivity. At this time, there is insufficient evidence supporting the use of tomosynthesis for lung cancer screening.” | The panel discussed the accuracy level between chest x-ray, tomosynthesis and CT scan. Tomosynthesis can detect more nodules than a chest x-ray but it cannot detect and characterize nodules to the extent of a CT scan. There are some preliminary data in a screening population, but currently there are no available outcome data that are applicable to the Guidelines. | • Båth, M., Svalkvist, A., von Wrangel, A., et. al. (2010). Effective Dose to Patients from Chest Examinations with Tomosynthesis. Radiation Protection Dosimetry, 139(1-3), 153-158.
• Sabol, J. (2009). A Monte Carlo Estimation of Effective Dose in Chest Tomosynthesis. Medical Physics, 36, 5480-5487. | 0 18 0 |