



### PATIENT RADIATION EXPOSURE INFORMATION

The table below lists several common radiographic projections, their corresponding Standard of Care radiation exposure limits per radiograph, and the normal ranges of patient exposures for these projections, as determined by the Radiation Safety Section. The Standard of Care limits were reviewed and approved by the Department's Ionizing Radiation Advisory Committee based on data collected by the Radiation Safety Section during routine inspections of x-ray facilities. Although the Standard of Care limits are not regulations, they are considered by the Department to be upper limits which should not normally be exceeded for average-size patients. Medical facilities with properly functioning and calibrated equipment should have patient exposures at skin entrance, as measured in milliroentgens (mR), within the normal ranges reported below.

<b>Projection</b>	<b>Standard of Care Limit per Radiograph (mR)</b>	<b>Normal Range (mR)</b>
PA Chest (without a grid)	20	3-10
PA Chest (with a grid)	25	5-20
AP Lumbar Spine	500	100-400
AP Cervical Spine	125	25-100
DP Foot	35	5-15
Hand	15	3-10
Dental Cephalometric	25	5-15

Please contact the Radiation Safety Section in either our Lansing office at (517) 284-7820 or Detroit office at (313) 456-4660 if you have any questions concerning current Standard of Care limits or the normal ranges of patient exposures and doses listed above.