

## APRNs and authority to operate x-ray, including fluoroscopy, equipment

Minnesota statute 148.171 subdivision 5, 10, 11, and 21 authorizes APRNs the ability to order, perform, supervise and interpret diagnostic studies, excluding interpreting computed tomography scans, magnetic resonance imaging scans, positron emission tomography scans, nuclear scans, and mammography.

Minnesota statute 144.121 subdivision 5 defines limited x-ray machine (including fluoroscopy) operator practice and limits APRNs from operating x-ray machines to CRNAs only.

In addition to following the Nurse Practice Act, APRNs must follow all other laws and rules that are applicable to the practice of advanced practice nursing.

The below table outlines the authority for ordering, performing, supervising and interpreting diagnostic x-rays in the MS 148.171 and 144.121 with applicable rules from the Minnesota Department of Health, Radiology Division.

Please contact the Minnesota Department of Health, Radiation Control at 651-201-4545 or [health.xray@state.mn.us](mailto:health.xray@state.mn.us) for questions.

	A	B	C	D	E
1					
2					
3					
4	<b>MDH Regulatory Responsibilities for Diagnostic X-ray</b>				
5	<b>144.121 Statute/Minnesota Rule 4732</b>	<b>Order</b>	<b>Perform</b>	<b>Supervise</b>	<b>Interpret</b>
6		Rule 4732.0560, Subpart 2A	Statute 144.121, Subdivision 5a , item (b)2	Rule 4732.0306, item C and Rule 4732.0110, Subpart 101 Licensed Practitioner of theHealing Arts definition	
7	Certified Clinical Nurse Specialist	Yes	No	No - Fluoroscopy	X-ray Unit does not regulate interpretation
8	Certified Registered Nurse Anesthetist	No	Yes, All Imaging, including Fluoroscopy/CT	No - Fluoroscopy	X-ray Unit does not regulate interpretation
9	Certified Nurse-Midwife	Yes	No	No - Fluoroscopy	X-ray Unit does not regulate interpretation
10	Certified Nurse Practitioner	Yes	No	No - Fluoroscopy	X-ray Unit does not regulate interpretation
11	<b>Minnesota Board of Nursing</b>				
12	<b>Statute 148.171</b>	<b>Order</b>	<b>Perform</b>	<b>Supervise</b>	<b>Interpret; excluding CT, MRI, PET, nuclear scans, and mammography</b>
13		Statute 148.171	Statute 148.171	Statute 148.171	Statute 148.171
14	Certified Clinical Nurse Specialist	Yes	Yes	Yes	Yes
15	Certified Registered Nurse Anesthetist	Yes	Yes	Yes	Yes
16	Certified Nurse-Midwife	Yes	Yes	Yes	Yes
17	Certified Nurse Practitioner	Yes	Yes	Yes	Yes