

House Engrossed Senate Bill
radiation protection systems; medical procedures

State of Arizona
Senate
Fifty-seventh Legislature
Second Regular Session
2026

SENATE BILL 1121

AN ACT

AMENDING TITLE 36, CHAPTER 4, ARTICLE 1, ARIZONA REVISED STATUTES, BY
ADDING SECTION 36-420.06; RELATING TO HEALTH CARE INSTITUTIONS.

(TEXT OF BILL BEGINS ON NEXT PAGE)

1 Be it enacted by the Legislature of the State of Arizona:

2 Section 1. Title 36, chapter 4, article 1, Arizona Revised
3 Statutes, is amended by adding section 36-420.06, to read:

4 36-420.06. Procedures involving ionizing radiation; lead
5 aprons; radiation protection systems; real-time
6 dosimeters; definition

7 A. A HOSPITAL THAT PERFORMS CARDIAC CATHETERIZATION PROCEDURES
8 INVOLVING REAL-TIME X-RAY IMAGING MAY NOT REQUIRE THAT PHYSICIANS,
9 PHYSICIAN ASSISTANTS, NURSES OR OTHER HEALTH PROFESSIONALS WEAR LEAD
10 APRONS DURING THESE PROCEDURES IF THE PROCEDURE ROOM IS EQUIPPED WITH A
11 RADIATION PROTECTION SYSTEM AND THE RADIATION PROTECTION SYSTEM IS IN USE
12 ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS, EXCEPT IF THE HOSPITAL'S
13 RADIATION SAFETY OFFICER OR THE RADIATION SAFETY OFFICER'S DESIGNEE
14 DETERMINES ACCORDING TO THE "AS LOW AS REASONABLY ACHIEVABLE" STANDARD
15 THAT STAFF EXPOSURES WILL APPROACH OCCUPATIONAL DOSE THRESHOLDS OR
16 ELEVATED EXPOSURE, THE HOSPITAL'S RADIATION SAFETY OFFICER OR THE
17 RADIATION SAFETY OFFICER'S DESIGNEE MAY REQUIRE LEAD APRONS, THYROID
18 COLLARS OR OTHER RADIATION PERSONAL PROTECTION EQUIPMENT.

19 B. IF A HEALTH PROFESSIONAL CHOOSES TO NOT WEAR A LEAD APRON
20 BECAUSE THE PROCEDURE ROOM IS EQUIPPED WITH A RADIATION PROTECTION SYSTEM,
21 THE HOSPITAL SHALL REQUIRE THE HEALTH PROFESSIONAL TO WEAR A REAL-TIME
22 DOSIMETER DEVICE TO MONITOR RADIATION EXPOSURE IN REAL TIME.

23 C. THIS SECTION DOES NOT PROHIBIT A HEALTH PROFESSIONAL FROM
24 VOLUNTARILY CHOOSING TO WEAR A LEAD APRON DURING A PROCEDURE INVOLVING
25 REAL-TIME X-RAY IMAGING EVEN IF THE PROCEDURE ROOM IS EQUIPPED WITH A
26 RADIATION PROTECTION SYSTEM.

27 D. FOR THE PURPOSES OF THIS SECTION, "RADIATION PROTECTION SYSTEM"
28 MEANS A SHIELDING SYSTEM THAT IS DESIGNED TO PROTECT AGAINST SCATTER OR
29 DIRECT IONIZING RADIATION EXPOSURE, THAT PROVIDES PROTECTION EQUAL TO OR
30 GREATER THAN THE SHIELDING EFFECTIVENESS OF A .25 MILLIMETER
31 LEAD-EQUIVALENT APRON.