

**Interpretation IC 170-2021-1 of
ANSI/ASHRAE/ASHE Standard 170-2021
Ventilation of Health Care Facilities**

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Request from: Heather Platt Gullede, Dewberry, 2610 Wycliff Road., Suite 410, Raleigh, NC 27607.

Reference: This request for interpretation refers to the requirements in ANSI/ASHRAE/ASHE Standard 170-2021, Section 3, regarding definition alignment with FGI Guidelines.

Background: Section 5.2a requires the owner/manager of health care facilities to prepare a space program which includes the clinical service expected in each space and include space names and paragraph numbering references from the applicable version of the relevant FGI Guidelines for each space noted in the program.

The definition for Class 2 imaging room states “diagnostic and therapeutic procedures such as coronary, neurological, or peripheral angiography, including electrophysiology, cardiac catheterization and interventional angiography and similar procedures.”

The definition for Class 3 imaging room states “invasive procedures including cardiac stenting, implantation of devices in an invasive fluoroscopy, and any other Class 2 procedure during which the patient will require physiological monitoring and is anticipated to require active life support.”

The procedure examples used in these two definitions have been performed in both Class 2 and Class 3 rooms, specifically the cardiac stenting and invasive fluoroscopy. The appropriate imaging environment for any procedure is determined by each healthcare organization through their documented risk assessment program which considers many factors including but not limited to the type of case, type of patient, level of invasiveness, and anticipated future flexibility/need.

Interpretation: Cardiac stenting and invasive fluoroscopy can be performed in both Class 2 and Class 3 type imaging rooms as determined by the healthcare organization space program required by Section 5.2a. The HVAC classification of the room based on Standard 170 does not determine the usage of the room.

Question: Is this interpretation correct?

Answer: Yes

Comments: The designer designs the space based on the level of cleanliness (class 1, class 2, class 3) the owner requests in the building program. The owner determines what procedures are appropriate within the designed space, not the designer.