Academy of Architecture for Health On-line Professional Development

The 2018 *Guidelines*: How to Use and Major Updates

Health Care 101 Series

10 July 2018

2:00 pm - 3:00 pm ET

1:00 pm - 2:00 pm CT

12:00 am – 1:00 pm MT

11:00 am - 12:00 pm PT

Presenter

Douglas Erickson, FASHE, CHFM, HFDP, CHC CEO, Facility Guidelines Institute (FGI)

Moderator

Gregg D. Ostrow, AIA



Academy of Architecture for Health On-line Professional Development

The 2018 Guidelines: idelines

How to Use and Major Updates

Health Care 101 Series

10 July 2018

2:00 pm - 3:00 pm ET

1:00 pm - 2:00 pm CT

12:00 am - 1:00 pm MT

11:00 am - 12:00 pm PT

Guidelines

Outpatient Facilities

Presenter

Douglas Erickson, FASHE, CHFM, HFDP, CHC CEO, Facility Guidelines Institute, (FGI)

FGI

Moderator Gregg D. Ostrow, AIA



Health Care 101 Series

The Academy's multi-channel on-line approach provides emerging professionals, journeymen, and master professionals with convenient and economical opportunities to develop their chosen area of interest.

The HC 101 Series sessions are tailored to provide budding healthcare design professionals with conceptual and practical primer-level knowledge.

Series topics include: Master planning; Programming; Ambulatory care; Clinical support services; Emergency; ICI-acute care; Imaging; Long-term care; Maternal care; Mental health; Surgery.



Copyright Materials

This presentation is protected by US and International Copyright laws. Reproduction, distribution, display and use of the presentation without written permission of the speaker is prohibited.

©2017 The American Institute of Architects



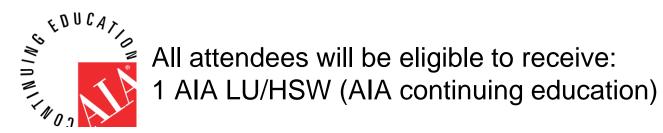
Compliance Statement

"AIA Knowledge" is a Registered Provider with The American Institute of Architects Continuing Education Systems (AIA/CES). Credit(s) earned on completion of this program will be reported to AIA/CES for AIA members. Certificates of Completion for both AIA members and non-AIA members are available upon special request.

This program is registered with AIA/CES for continuing professional education. As such, it does not include content that may be deemed or construed to be an approval or endorsement by the AIA of any material of construction or any method or manner of handling, using, distributing, or dealing in any material or product.



AIA/CES Reporting Details



In order to receive credit, each attendee must complete the webinar survey/report form at the conclusion of the presentation.

Follow the link provided:

- in the Chat box at the conclusion of the live presentation;
- in the follow-up email you (or the person who registered your site) will receive one hour after the webinar.



Questions?

Submit a question to the moderator via the chat box.

Content-related questions will be answered during the Q&A portion at the end as time allows.

Tech support questions will be answered by AIA staff promptly.





The 2018 *Guidelines*: How to Use and Major Updates

Presenter



Doug Erickson, FASHE, CHFM, HFDP, CHC
CEO, Facility Guidelines Institute (FGI)
Chair of the 2010, 2014, and 2018
editions

Moderator



Gregg D. Ostrow, AIA





The views and opinions expressed in this presentation are the opinion of the speaker and may not be the official position of FGI or the Health Guidelines Revision Committee.

Presentation overview

Introduction to the Facility Guidelines Institute (FGI) and the *Guidelines for Design and Construction* documents

- Who are we?
- What do we do?
- FGI process
- How are FGI's standards applied?
- How to apply the Guidelines
- Brief update on the 2018 changes



Who is FGI?

History



- Minimum construction requirements, 1947–84
 - First published in 1947 to support the Hill-Burton Act
 - Turned over to the public sector in 1985 and called the *Guidelines* ever since
- Published by AIA from 1987 2006
- Published by ASHE from 2010 2014
- Since 2001:
 - The Facility Guidelines Institute (FGI) holds the copyright in the *Guidelines* documents.
 - FGI is responsible for development of the content of the *Guidelines* documents.
- FGI became publisher in 2018

Consumer Reports



Who is FGI?

We view ourselves as the *Consumer Reports* of the health care physical environment.

We have a similar view and mission...

Consumer Reports is an expert, independent, nonprofit organization whose mission is to work for a fair, just marketplace for all consumers and to empower consumers to protect themselves.

Who is FGI?

Past major issues...and innovations



- Functional program
- Safety risk assessment
- Single-bed room
- Infection control (hand-washing, surfaces, etc.)
- Acoustics
- Medication safety zones
- Patient handling and movement
- Critical access hospitals
- Person-centered care

Set fundamental standards for program, space, and equipment for:

- Hospitals
- Nursing Homes
- Outpatient Facilities
- Rehabilitation Facilities
- Psychiatric Hospitals and OP Facilities
- ➤ Mobile and Relocatable Units
- Long-term Care Facilities

Referenced by TJC, PHS, IHS, HUD 242 hospital mortgages & more than 40 states for licensure or accreditation of health care facilities requiring clinic licensure

Referenced in more than 60 countries

Guidelines purpose and use





National committee of experts





Participating organizations



- ACHA
- AIA/AAH
- ASHE
- ACHE
- AHRQ
- ARON
- ASHRAE

- ACS
- CHD
- NIH
- CDC
- TJC
- CMS

HGRC: a multidisciplinary committee

20% - Architects

18% - Medical professionals

16% - State AHJs

13% - Engineers

10% - HC administrators/HC org. reps

8% - Federal AHJs (IHS, CMS, HUD, VA)

7% - Infection control experts + NIH/CDC

4% - Construction professionals

4% - Interior designers



The role of the *Guidelines*

- As a consensus-based fundamental standard, the Guidelines
 promotes a level of building performance that will not detrimentally
 affect the health and safety of patients and staff when buildings are
 operated as designed.
- The FGI *Guidelines* provides baseline design and construction requirements for health care facilities that (1) recognize the mission of health care, including "first, do no harm," and (2) consider how the built environment supports safe, effective, and efficient health care delivery.

Consensus-based process for *Guidelines* development utilizing:

- Collective multi-disciplinary experience
- Professional stakeholder consensus including many AHJs (no manufacturers)
- Public review process
- Clinical & evidence-based research
- Continual improvement process
- Every new edition of the FGI Guidelines is different and an "evolution" from previous editions

Multiple editions of the Guidelines are currently in use.



Overview of the revision process

- Publication of 2018 edition fundamental documents
- Manuscripts approved by the HGRC and the Steering Committee and published in digital and print formats
- Development of "beyond fundamentals"
- Items identified during the revision process as "beyond fundamental" are being developed and published at this time.



Overview of the revision process

HGRC topic groups

- Working groups review topics identified by the Steering Committee includes outside subject matter experts
- The goal is to determine how each topic is addressed across all the FGI Guidelines documents:
 - Hospitals
 - Outpatient facilities
 - Residential health, care, and support facilities



Why the *Guidelines* are special

Why do people use the *Guidelines*?

- *Guidelines* requirements are considered:
 - > Fundamental (reflect the "standard of care")
 - Non-biased (multidisciplinary development)
- Vendors and manufacturers have no direct influence on the final vote.
- FGI is a credible source of up-to-date information.
- The *Guidelines* revision process is increasingly research-informed, striving for the most objective and universal standards.



How are the *Guidelines* being applied?

Current use

The *Guidelines* documents are used by the design industry as a reference for planning and design of health care and residential health, care, and support facility projects.

They are adopted or referred to by authorities having jurisdiction that regulate facility construction:

- State departments of health
- The Joint Commission
- Federal agencies such as the Bureau of Indian Affairs, the Veterans Administration, the Army Corps of Engineers, the Public Health Service
- DNV GL



How are the *Guidelines* being applied? Use of the *Guidelines* varies

- Used by public and private entities
- Adopted by reference or used as a reference document without adoption
- Adopted as a regulatory requirement (in full or in part)
- States can/do modify in state-generated document(s)
- Sometimes a requirement of lending institutions
- Helps to strengthen & standardize the fundamentals of patient-centered health care facility design & construction worldwide

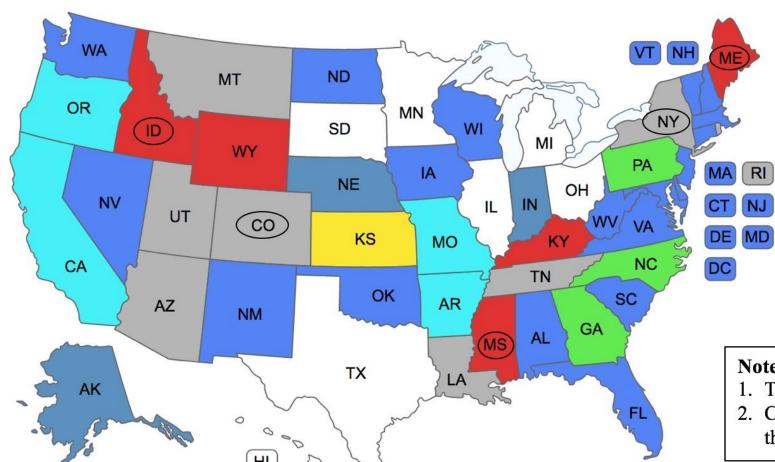
How are the *Guidelines* being applied? *Guidelines* limitations

The *Guidelines* recommendations do not become a regulatory document until formally adopted as law by a governing entity.

Compliance with the *Guidelines* recommendations does not guarantee that a project will meet all the additional needs of a health care organization. \bigcirc



Guidelines adoption map



KEY

2018	
2014	
2010	
2006	
2001	Į.
1996–97	
Equivalency*	
2001 1996–97	

^{*}Guidelines may be applied as an equivalency to state rules.

Notes

- 1. This map shows adoption for hospitals.
- 2. Circled states permit use of a newer edition than that shown in some cases.

Minimum is difficult to define

The *Guidelines* documents are considered to be a series of minimum, or fundamental, consensus requirements for the design and construction of new or renovated health care facilities.

- Risk of being too minimal (creates opportunity for harm)
- Consider risk/benefit for new minimum
- The minimum benchmark changes over time
- Cost is a reality in determining minimum standards





How to apply the *Guidelines*Minimum is difficult to define

2014 edition: First-cost impact review

- HGRC Cost-Benefit Committee in conjunction with ASHE
- Review of Hospital/Outpatient document to identify the first cost impact of implementing the 2014 edition (approx. 2% increase in first cost with no credits for cost reductions)

2018 edition: Benefit-cost impact review

• Every 2018 proposal for change was reviewed by the HGRC for clinical and operational benefit. The Benefit-Cost Committee also reviewed for benefit, first cost, and life cycle cost of major changes.

Appendix often references other documents

The Appendix is located at the bottom of each page in a shaded box.

The Appendix is **not** considered to be part of the document that is adopted as code.

It functions as a reference and educational tool that discusses concepts that are "beyond minimum" standards and also provides clarification information.



2.1 COMMON ELEMENTS FOR HOSPITALS

feedwater pumps, fuel pumps, and condensate transfer pumps, shall be provided with redundancy that makes it possible to meet the beating capacity of the plant required in Section 2.1-8.2.6.1 (Boilers—Capacity) when any one of these components is out of service due to failure or routine maintenance.

2.1-8.2.6.3 Temperature control

- (1) Rooms containing beat-producing equipment, such as boiler or heater rooms or laundries, shall be ventilated to prevent the Box surface above and/or the adjacent walls of occupied areas from exceeding a temperature of 10°F (6°C) above ambient room temperature.
- (2) Heating units shall have a maximum surface temperature of 125°F (52°C) or shall be protected from occupant contact.

2.1-8.3 Electrical Systems

2.1-8.3.1 General

- 2.1-8.3.1.1 Applicable standards
- All electrical material and equipment, including conductors, controls, and signaling devices, shall be installed in compliance with applicable sections of NFPA 70 and NFPA 99.
- (2) All electrical material and equipment shall be listed as complying with available standards of listing agencies or other similar established standards where such standards are required.

2.1.4.3.1.2 Testing and documentation. Electrical installations, including alarm, nurse call, staff emergency signal, and communications systems shall be tested to demonstrate that equipment installation and operation is appropriate and functional. A write ten record of performance tests on special electrical systems and equipment shall show compliance with applicable codes and translands.

2.1-8.3.1.3 Acoustics considerations. Electro-acoustic systems can affect the acoustical environment of health care facilities, and the acoustical environment can affect the perception of these systems. Fatient safety and comfort at well as staff comfort and productivity are considerations in the configuration of these extreme.

*(1) Paging and call systems

- *(a) Voice paging and call systems shall be designed to achieve a minimum Speech Transmission Index (STI) of 0.50 or a Common Intelligibility Scale (CIS) rating of 0.70 at representative points within the area of coverage to provide acceptable intelligibility from the system.
- (b) Performance of the system shall achieve the following:
- 70 dBA minimum sound level or 10 dBA above background noise levels (whichever is higher)
- (ii) Coverage within 4/- 4 dB at the 2000 Hz octave band throughout corridors, open treatment areas and public spaces

APPENDIX

- A2.1-8.3.1.3 Acoustics considerations a. The 2002 edition of HFAP2. National Fair Alarm Code, provides a method for naturaling the artifating framewhead total latens sing the techniques in 150 7731. These techniques use the favorable and fairly of front a send over such band sounds in the midst of commetion using. based on all fairly latens.
- Where possible, clinical alarms should be assessed to confirm
 whether sound levels can be reduced for patient comfort.
 Critical alarms should be a width a secretary to KO 77211 Garage Co.
- Cloical alarms should be audible according to ISO 7731: Danger Signels for Work Places Auditory Danger Signals.
- A2.1-8.3.1.3 (1) Paging and call systems

 a. Wreless communication devices such as Internet Protocol (IF)
- phones, we arable communication badges, and vibrating beepers should be considered as options to communicate with clinical staff and reduce the use of overhead paging systems.
- Wreless asset tracking technologies such as BFID and infrared should be considered as options for staff, patient, and equipment location to reduce the use of overhead paging systems.
- Integration of call systems with these wireless communication and location devices should also be considered.
- A2.1-8.3.1.3 (1)(a) The conversion between CIS and other scales of intelligibility is available from Annexes A and B of IEC 60489: Sound Systems for Emergency Purposes (MPA 72-2002).

2010 Guidelines for Design and Construction of Health Care Facilities

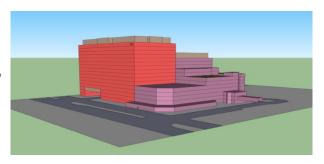
Layout of 2018 Hospital Guidelines

Opening Section

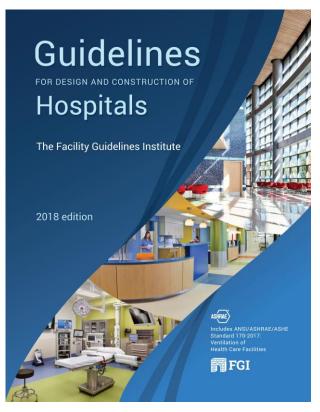
- Acknowledgements
- Major Additions and Revisions
- Glossary of Terms

Part 1: General Chapter 1.1, Introduction

- Use of the Guidelines
- Government Regulations
- Building Codes and Standards
- Equivalency Concepts







Layout of 2018 Hospital Guidelines

Chapter 1.2, Planning, Design, Construction (PDC) and Commissioning

Functional Program

- Owner driven
- Completed during planning stage
- Updated as the project is designed and constructed

Space Program

Safety Risk Assessment

- Infection Control
- Patient Handling and Movement
- Fall Prevention
- Medication Safety
- Behavioral and Mental Health
- Patient Immobility
- Security



Layout of 2018 Hospital Guidelines

Chapter 1.2, PDC and Commissioning

Environment of Care Requirements

- Delivery of Care Model Concepts
- Physical Environment Elements

Planning and Design Considerations

- Acoustic Design
- Sustainable Design
- Wayfinding
- Design Accommodations for Patients of Size
- Emergency Preparedness and Management

Renovation

Commissioning



Patient!
Do not drop, fold, bend
or mutilate!

For more info so to: www.asphp.or

Layout of 2018 Hospital *Guidelines*

Chapter 1.3, Site Location
Site Features

Chapter 1.4, Equipment RequirementsClassification
Space





Layout of 2018 Hospital Guidelines

Part 2: Hospital Facility Types

Chapter 2.1, Common Elements for Hospitals

Specific Requirements for:

Chapter 2.2, General Hospitals

Chapter 2.3, Freestanding Emergency Care Facilities

Chapter 2.4, Critical Access Hospitals

Chapter 2.5, Psychiatric Hospitals

Chapter 2.6, Rehabilitation Hospitals

Chapter 2.7, Children's Hospitals

Chapter 2.8, Mobile/Transportable Medical Units



Layout of 2018 Outpatient Guidelines

Chapter 2.1, Common Elements for Outpatient Facilities

Specific Requirements for:

Chapter 2.2, General and Specialty Medical Services Facilities

Chapter 2.3, Outpatient Imaging Facilities

Chapter 2.4, Birth Centers

Chapter 2.5, **Urgent Care Centers**

Chapter 2.6, Infusion Centers

Chapter 2.7, Outpatient Surgery Facilities

Chapter 2.8, Freestanding Emergency Care Facilities



Layout of 2018 Outpatient Guidelines

Specific Requirements for:

Chapter 2.9, Endoscopy Facilities

Chapter 2.10, Renal Dialysis Centers

Chapter 2.11, Outpatient Psychiatric Centers

Chapter 2.12, Outpatient Rehabilitation Therapy Facilities

Chapter 2.13, Mobile/Transportable Medical Units

Chapter 2.14, **Dental Facilities**



How to apply the Guidelines

Layout of 2018 Residential *Guidelines*

Part 2: Common Elements for Residential Health, Care, and Support Facilities

Part 3: Residential Health Facilities

Specific Requirements for:

Chapter 3.1, Nursing Homes

Chapter 3.2, Hospice Facilities



Photo by Elien Dumon on Unsplash



How to apply the Guidelines

Layout of 2018 Residential *Guidelines*

Part 4: Residential Care and Support Facilities

Specific Requirements for:

Chapter 4.1, Assisted Living Facilities

Chapter 4.2, Independent Living Settings

Chapter 4.3, Long-Term Residential Substance Abuse Treatment Facilities

Chapter 4.4, Settings for Individuals with Intellectual and/or Developmental Disabilities



Specific Requirements for:

Chapter 5.1, Adult Day Care and Adult Day Health Care Facilities

Chapter 5.2, Wellness Centers

Chapter 5.3, Outpatient Rehabilitation Therapy Facilities



How to apply the Guidelines

Hospital and outpatient ventilation requirements

This section is a reprint of the 2017 ASHRAE Standard 170. FGI and ASHRAE have a partnership to work on the content together and to publish Standard 170 as a part of the *Guidelines*.

STANDARD

ANSI/ASHRAE/ASHE Standard 170-2017

(Supersedes ANSI/ASHRAE/ASHE Standard 170-2013)
Includes ANSI/ASHRAE/ASHE addenda listed in Appendix C

Ventilation of Health Care Facilities

See Appendix C for approval dates by the ASHRAE Standards Committee, the ASHRAE Board of Directors, the ASHE Board of Directors, and the American National Standards Institute.

This Standard is under continuous maintenance by a Standing Standard Project Committee (SSPC) for which the Standards Committee has established a documented program for regular publication of addenda or revisions, including procedures for inhely, documented, consensus action on requests for change to any part of the Standard. The change submittal form, instructions, and deadlines may be obtained in electronic form from the ASHRAE website (www.ashrae.org) or in paper form from the Senior Manager of Standards. The latest edition of an ASHRAE Standard may be purchased from the ASHRAE (www.ashrae.org) or from ASHRAE Customer Service, 1791 Tullie Circle, NE, Atlanta, GA 30329-2305. E-mail: orders@ashrae.org, Fax: 678-379-2129. Telephone: 404-636-8400 (worldwide), or toll free 1-800-527-4723 (for orders in US and Canada). For reprint permission, go to www.ashrae.org/permissions.

2017 ASHRAF ISSN 1041-2336





Major updates and hot topics

- Design/clearances to accommodate patients of size
- Pre- and post-procedure patient care areas flexibility to combine areas and correct ratios when doing so
- Procedure and operating room sizes that reflect space requirements for anesthesia team and equipment
- Classification system for imaging rooms
- Guidance for when exam/treatment, procedure, and operating rooms are needed
 - Clearances and spatial relationships
 - Locations for procedure types



Major updates Hospital and Outpatient

- Design of telemedicine spaces
- Sterile processing facilities
- Mobile/transportable medical unit revisions
- Expanded sustainable design requirements
- Emergency preparedness

Emergency preparedness

- The design must provide space for resources needed to respond in an emergency.
- Design supports:
 - > Sheltering in place
 - Continuance of service
- New appendix provides guidance on creating an emergency preparedness assessment, infrastructure assessment, and resiliency plan to absorb and recover from adverse events.

Telemedicine services

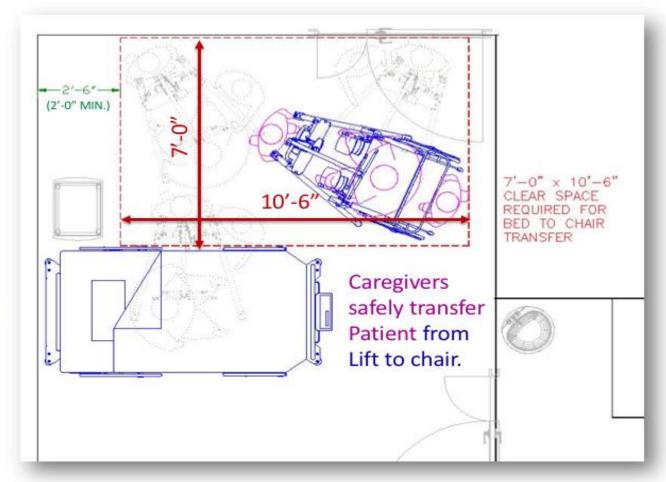
- Requires telemedicine space when clinical telemedicine services are provided
- May be a bay, cubicle, or room, permitted to be used for other purposes: e.g., patient room, physician's office, conference room
- Appendix recommendations on:
 - > Room features
 - > Placement of cameras and microphones
- Addresses privacy, acoustics, lighting, site identification (for reimbursement and orientation)

Accommodations for patients of size

- Determining "patient of size":
 - > Patient's weight
 - > Distribution of the patient's weight throughout the body
 - > Patient's height
- In the Hospital document: Bariatric nursing unit removed from facility chapters and accommodations for patients of size added as a common element to address the need for serving patients of size throughout a health care facility
- Accommodations for patients of size also added to Outpatient and Residential documents

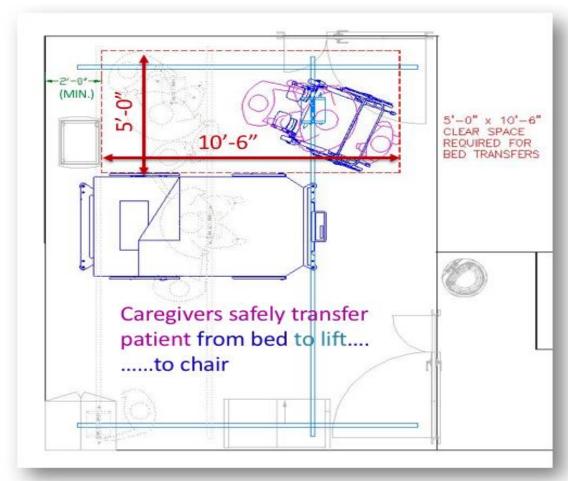
Bariatric patient environment

Minimum
Clearances
Required for
Bed to
Wheelchair
Transfer Using
Floor-based Full
Body Sling



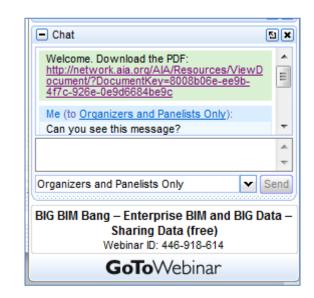
Bariatric patient environment

Minimum Clearances Required for Bed to Chair Transfer Using Ceiling Lift



Upcoming Break for Questions and Comments

Submit a question to the moderator via the chat box.





Pre- and post-procedure patient care areas

- Direct access to the semi-restricted area without crossing unrestricted public corridors
- Ability to combine all patient care stations (pre-, Phase I, Phase II) in one area
- Must meet the most restrictive requirements
- Where combined into one area, at least two patient care stations per procedure, operating, or Class 2 or Class 3 imaging room

Pre- and post-procedure patient care areas

Stations can be bays, cubicles, or single-patient rooms.

Clearances

- ➤ Bays (5 feet between gurneys, 3 feet between sides and adjacent walls, and 2 feet from foot of bed to the cubicle curtain)
- Cubicles (3 feet between sides and adjacent walls, 2 feet from foot of bed to the cubicle curtain
- Where bays/cubicles face each other, need 8-foot aisle
- Room (3 feet between sides and foot to the wall)

Pre- and post-procedure patient care areas

If separate pre-procedure room:

Minimum of one patient care station per imaging, procedure, or operating room

Phase I PACU:

> One per operating room (was 1.5)

Phase II recovery room:

Minimum of one per imaging, procedure, or operating room

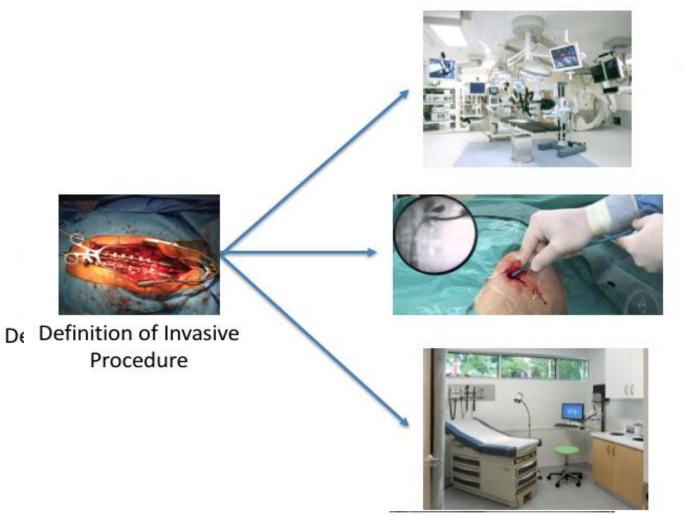


Invasive procedure definition

A procedure that is performed in an aseptic surgical field and penetrates the protective surfaces of a patient's body. May fall into one or more of the following categories:

- Requires entry into or opening a sterile body cavity
- Involves insertion of an indwelling foreign body
- Includes excision and grafting of burns that cover more than 20 percent of total body area
- Does not begin as an open procedure but has a risk, as determined by the physician, of requiring conversion to an open procedure

Why does it matter?



Invasive – Operating room

Patient care that may require sterile instruments but does not require OR environmental controls – Procedure room

Non-invasive -Exam room Treatment room

Operating rooms

Minimum clear floor area in an operating room:

- ➤ Hospitals: Still 400 sq. ft. or 600 sq. ft. for special procedures
- Outpatient: 255 sq. ft. unless general anesthesia administered, then 270 sq. ft.

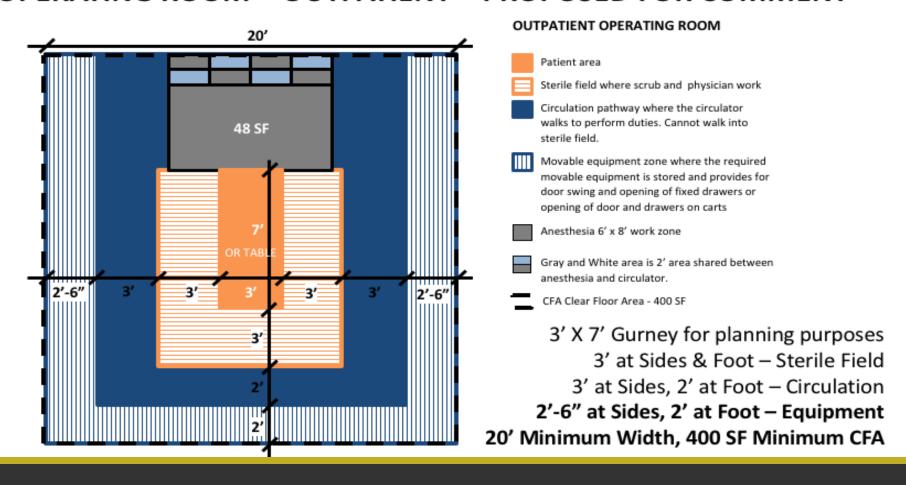




Outpatient operating rooms

CLEARANCE ZONE DIAGRAM

OPERATING ROOM – OUTPATIENT – PROPOSED FOR COMMENT



Operating rooms

Clearances for 400-square-foot operating rooms:

- 8 feet 6 inches on each side
- 6 feet at the head
- 7 feet at the foot

Monolithic ceilings still are required



Endoscopy

Endoscopy procedure rooms shall meet the requirements for procedure rooms...except as follows:

- Minimum clear floor area of 180 sq. ft. (reduced from 200)
- Clearance of 5 feet at each side
- Clearance of 3 feet 6 inches at head and foot

Endoscope processing room is a semi-restricted area

- Both decontamination and clean work areas with one-way traffic flow
- Entrance and exit permitted to be from the procedure room



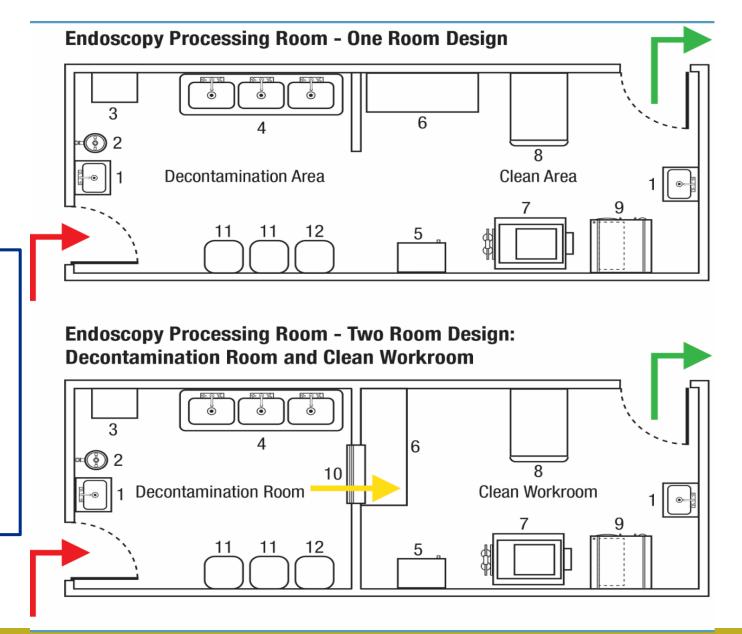
Endoscope Processing Room Design

Reprinted with permission from *Guidelines for Perioperative Practice*. Copyright © 2016, AORN, Inc, 2170 S. Parker Road, Suite 400, Denver, CO 80231. All rights reserved.

FGI Guidelines

Designed to provide a **one-way traffic** of **contaminated** materials/instruments **to cleaned** materials/instruments to the sterilizer or mechanical processor.

Minimum clearance of 3 feet (91.44 cm) provided between the decontamination area and the clean work area.



Classification of imaging room types

Class 1 imaging room

- Diagnostic in nature (CT, MRI, fluoroscopy)
- Services that utilize natural orifice entry
- Accessed from an unrestricted area
- Basic environmental controls (ventilation, surfaces)

Class 2 Imaging room

Procedures:

- ➤ Diagnostic and therapeutic
- **≻**Electrophysiology
- **≻**Endoscopic

Accessed from an unrestricted or semi-restricted area

Some environmental controls for procedures such as cardiac catheterization



Classification of imaging room types

Class 3 imaging room and operating room

- Invasive procedures
- Any Class 2 procedure the physician identifies with a risk of needing conversion to an open procedure
- Accessed from a semi-restricted area
- Environmental controls of an operating room

Time for Questions and Comments



Moderator Gregg D. Ostrow, AIA



CES Credit

All attendees are eligible to receive: 1.0 HSW/CEU (AIA continuing education)

Attendees at your site can submit for credit by individually completing the webinar's survey and report form. The survey closes **Friday**, **July 13**, **2018** at 12:30 am EDT.

The URL to the webinar survey/form https://www.research.net/r/AAH1806 will be emailed to the person who registered your site.

More continuing education questions? Email . . . knowledgecommunities@aia.org.



Join us at The Academy of Architecture for Health!

- Receive Academy Update newsletters
- Access to resources
 - ✓ Knowledge Repository
 - ✓ Webinars
 - ✓ Award programs
 - ✓ Scholarships, Fellowships
 - ✓ Emerging professionals benefits
 - ✓ National and regional conferences and events
 - ✓ Social media, publications, blogs and Twitter



To join us or update your account go to . . .

www.aia.org/aah





Congratulations to the 2016 AIA/AAH Healthcare Design Award recipients!

JOIN this Knowledge Community





Upcoming Webinars*

Date	Series	Topic
8/21	Case Study	UC Davis – Getting to Net Zero
9/11	Masters Studio	Correctional Healthcare
10/9	Case Study	Award winning oversea Healthcare Projects from Asia & Latin America

*Dates and topics are subject to change

Visit www.aia.org/aah for more information and to register.

