

## Errata for the Second Printing of the 2018 *Guidelines for Design and Construction of Hospitals\**

The second printing of the 2018 Hospital *Guidelines* incorporates errata identified before January 2020.

\*Newest errata highlighted in blue.

PAGE	SECTION	TEXT AS IT APPEARS IN THE 2018 PRINT VERSION (With error noted in red strikethrough)	CORRECTED TEXT (Including date correction was published)
23	1.2-4.3.2.2 (9)	<p><b>1.2-4.3.2.2 Phase 2: Design considerations....</b> These design considerations shall incorporate results from the Phase 1 assessment and shall include, at minimum, the following:</p> <p>...</p> <p>(9) Impact of the installation and use of patient handling and mobility equipment on <del>aesthetic</del> characteristics of the environment of care</p>	<p><b>1.2-4.3.2.2 Phase 2: Design considerations....</b> These design considerations shall incorporate results from the Phase 1 assessment and shall include, at minimum, the following:</p> <p>...</p> <p>(9) Impact of the installation and use of patient handling and mobility equipment on <u>environmental</u> characteristics of the environment of care</p> <p style="text-align: right;">(11/16/20)</p>
72	2.1-2.3.10.2	<p><b>2.1-2.3.10 Special Design Elements for Spaces for Care of Patients of Size</b> ...</p> <p><b>2.1-2.3.10.2 Door openings.</b> Door openings shall be provided in accordance with Section 2.1-7.2.2.3 (2) (Door openings for patient rooms and diagnostic and treatment areas) as amended in this section.</p> <p>(1) All door openings used for the path of travel to public areas and areas where care will be provided for patients of size shall have a minimum clear width of <del>45.5 inches (115.6 centimeters)</del> to provide access for expanded-capacity wheelchairs. Access for expanded-capacity gurneys or beds will require additional clear width.</p> <p>(2) Door openings to patient rooms for patients of size shall have a minimum clear width of 57 inches (144.8 centimeters).</p> <p>(3) Door openings to toilet rooms designated for patients of size shall have a minimum clear width of <del>45.5 inches (115.6 centimeters)</del>.</p>	<p><b>2.1-2.3.10 Special Design Elements for Spaces for Care of Patients of Size</b> ...</p> <p><b>2.1-2.3.10.2 Door openings.</b> Door openings shall be provided in accordance with Section 2.1-7.2.2.3 (2) (Door openings for patient rooms and diagnostic and treatment areas) as amended in this section.</p> <p>(1) All door openings used for the path of travel to public areas and areas where care will be provided for patients of size shall have a minimum clear width of <u>44.5 inches (1130 millimeters)</u> to provide access for expanded-capacity wheelchairs. Access for expanded-capacity gurneys or beds will require additional clear width.</p> <p>(2) Door openings to patient rooms for patients of size shall have a minimum clear width of 57 inches (144.8 centimeters).</p> <p>(3) Door openings to toilet rooms designated for patients of size shall have a minimum clear width of <u>44.5 inches (1130 millimeters)</u>.</p> <p style="text-align: right;">(6/3/21)</p>
79	A2.1-2.8.14.1	<p><b>A2.1-2.8.14.1 (2) Environmental services room.</b> Some departments or areas may need individually assigned environmental services rooms. Examples include:</p> <p style="text-align: right;"><i>continued</i></p>	<p><b>A2.1-2.8.14.1 (2) Environmental services room.</b> Some departments or areas may need individually assigned environmental services rooms. Examples include:</p> <p style="text-align: right;"><i>continued</i></p>

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PAGE	SECTION	TEXT AS IT APPEARS IN THE 2018 PRINT VERSION (With error noted in red strikethrough)	CORRECTED TEXT (Including date correction was published)
		<p><i>continued</i> ... —Sterile areas: Operating rooms, corridors in the restricted area of the surgery suite, sterile labs, and sterile storage</p>	<p><i>continued</i> ... —Sterile areas: Operating rooms, corridors in the <u>semi</u>-restricted area of the surgery suite, sterile labs, and sterile storage</p> <p>(11/16/20)</p>
104	2.1-7.2.2.3 (2)	<p><b>2.1-7.2.2.3 Doors and door hardware...</b></p> <p>* (2) Door openings</p> <p>* (a) The minimum clear door opening for patient rooms and diagnostic and treatment areas such as x-ray, surgery, or physical therapy shall have these dimensions:</p> <p>(i) <del>45.5 inches (1156 millimeters)</del> in width</p> <p>(ii) <del>83.5 inches (2121 centimeters)</del> in height</p> <p>(b) Where sliding doors are used and a swinging door is provided for personnel use, the minimum clear width for the swinging door shall be <del>34.5 inches (876 millimeters)</del>.</p>	<p><b>2.1-7.2.2.3 Doors and door hardware...</b></p> <p>* (2) Door openings</p> <p>* (a) The minimum clear door opening for patient rooms and diagnostic and treatment areas such as x-ray, surgery, or physical therapy shall have these dimensions:</p> <p>(i) <u>44.5 inches (1130 millimeters)</u> in width</p> <p>(ii) <u>83.25 inches (2115 millimeters)</u> in height</p> <p>(b) Where sliding doors are used and a swinging door is provided for personnel use, the minimum clear width for the swinging door shall be <u>32 inches (813 millimeters)</u>.</p> <p>(6/3/21)</p>
104	2.1-7.2.2.3 (4)	<p><b>2.1-7.2.2.3 Doors and door hardware....</b></p> <p>* (4) Door hardware. Lever hardware or push/pull latch hardware shall be provided.</p>	<p><b>2.1-7.2.2.3 Doors and door hardware....</b></p> <p>* (4) Door hardware</p> <p><u>(a) Lever hardware or push/pull latch hardware shall be provided.</u></p> <p><u>(b) Operating room door hardware</u></p> <p><u>(i) Omission of a door latch shall be permitted where operating rooms are located in a designated suite and do not open to an egress corridor.</u></p> <p><u>(ii) Use of self-closing swing doors with a push/pull plate shall be permitted.</u></p> <p>(11/7/22)</p>
125	2.1-8.5.2.4 (2) and (3)	<p><b>2.1-8.5.2.4 Grounding and bonding for telecommunication spaces</b></p> <p>(2) TGB (telecommunications grounding bus <del>bar</del>)</p> <p>(a) The <del>ground</del> bar shall be drilled with holes according to NEMA standard to accommodate bolted compression fittings.</p> <p>(b) All racks, cabinets, sections of cable tray, and metal components of the technology</p> <p><i>continued</i></p>	<p><b>2.1-8.5.2.4 Grounding and bonding for telecommunication spaces</b></p> <p>(2) TGB (telecommunications grounding bus <u>bar</u>)</p> <p>(a) The <u>grounding</u> bar shall be drilled with holes according to NEMA standard to accommodate bolted compression fittings.</p> <p>(b) All racks, cabinets, sections of cable tray, and metal components of the technology</p> <p><i>continued</i></p>

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		<p><i>continued</i></p> <p>system that do not carry electrical current shall be grounded to this <del>bus-bar</del>.</p> <p>(c) <del>TGB bars</del> shall be connected by a backbone of insulated, #6 (minimum) to 3/0 AWG stranded copper cable between all technology rooms.</p> <p>(3) TMGB (telecommunications main grounding bus) <del>bar. TGB bars shall be connected back to the TMGB bar in the telecommunications service entrance room. The main grounding bar shall then be connected back to the building main electrical service ground.</del></p> <p><del>(a) The TMGB shall not be bonded to anything other than the building's main electrical service ground.</del></p> <p><del>(b)</del> Bonding conductor cabling shall be colored green or labeled appropriately.</p>	<p><i>continued</i></p> <p>system that do not carry electrical current shall be grounded to this <a href="#">busbar</a>.</p> <p>(c) <a href="#">TGBs</a> shall be connected by a backbone of insulated, #6 (minimum) to 3/0 AWG stranded copper cable between all technology rooms.</p> <p>(3) TMGB (telecommunications main grounding <a href="#">busbar</a>)</p> <p><a href="#">(a) The TMGB shall be bonded to the building main electrical service ground.</a></p> <p><a href="#">(b) Telecommunications grounding busbars in technology distribution rooms shall be connected back to the TMGB in the telecommunications service entrance room (TSER).</a></p> <p><a href="#">(c) Equipment, conduit, cable, ladders, accessible building steel, etc., in the TSER shall be bonded in accordance with TIA 607: Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises.</a></p> <p><a href="#">(d) Bonding conductor cabling shall be colored green or labeled appropriately.</a></p> <p>(7/14/22)</p>
131	Table 2.1-2	<p><b>Locations for Nurse Call Devices in Hospitals</b></p> <p>Nursing Units</p>	<p><b>Locations for Nurse Call Devices in Hospitals</b></p> <p>Nursing Units</p> <p><a href="#">2.6-2.2.2 Rehabilitation Unit Patient Room</a> <a href="#">Required stations: Patient station, Emergency call station</a> <a href="#">Notes: 1, 2, 3</a></p> <p>(5/30/23)</p>
133	Table 2.1-3	<p><b>Station Outlets for Oxygen, Vacuum (Suction), Medical Air, and Instrument Air Systems in Hospitals</b></p> <p>Patient Care Units</p>	<p><b>Station Outlets for Oxygen, Vacuum (Suction), Medical Air, and Instrument Air Systems in Hospitals</b></p> <p>Patient Care Units</p> <p><a href="#">2.6-2.2.2 Rehabilitation Unit Patient Room</a> <a href="#">Oxygen: 1/bed; Vacuum 1/bed; Medical Air —<sup>3</sup>; WAGD —<sup>2</sup>; Instrument Air —</a></p> <p>(5/30/23)</p>

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133	Table 2.1-3	<p><b>2.1-3.2 Examination room <del>or emergency department treatment room</del></b>                      ...  <b>2.2-3.1.3.6 Emergency department treatment room or area</b></p>	<p><b>2.1-3.2 Examination room</b>                      ...  <b>2.2-3.1.3.6 Emergency department treatment room or area</b>                      (11/7/22)</p>
140	2.2-2.2.4.6	<p><b>2.2-2.2.4.6 Medical psychiatric room(s)</b>                      ...                      (2) Where the room is part of a medical/surgical patient care unit, the provisions of Section <del>2.1-2.2.2</del> 2.2-2.2 (Medical/Surgical Patient Care Unit — Patient Room) shall apply...</p>	<p><b>2.2-2.2.4.6 Medical psychiatric room(s)</b>                      ...                      (2) Where the room is part of a medical/surgical patient care unit, the provisions of Section <u>2.2-2.2.2</u> (Medical/Surgical Patient Care Unit — Patient Room) shall apply...                      (7/14/22)</p>
158	2.2-2.9.3.6	<p><b>2.2-2.9.3.6 Patient bathroom.</b> Each LDR or LDRP room shall have direct access to a private toilet room with shower or tub.</p>	<p><b>2.2-2.9.3.6 Patient bathroom.</b> Each LDR or LDRP room shall have direct access to a private toilet room with shower or tub, <a href="#">meeting the requirements of Section 2.1-2.2.6 (Patient Toilet Room) and Section 2.2-2.2.7 (Patient bathing facilities)</a>.                      (8/15/24)</p>
172	2.2-3.1.3.6 (4)(d)	<p><b>2.2-3.1.3.6 Treatment room or area...</b>                      *(4) Trauma/resuscitation room....                      *(d) Door openings. Doorways leading from the ambulance entrance to the trauma/resuscitation room shall have a minimum clear width of <del>72 inches (183 centimeters)</del> and a height of <del>83.5 inches (212 centimeters)</del>.</p>	<p><b>2.2-3.1.3.6 Treatment room or area...</b>                      *(4) Trauma/resuscitation room....                      *(d) Door openings. Doorways leading from the ambulance entrance to the trauma/resuscitation room shall have a minimum clear width of <u>70.25 inches (178.44 centimeters)</u> and a height of <u>83.25 inches (211.45 centimeters)</u>.                      (6/3/21 for height, 7/14/22 for width)</p>
172	2.2-3.1.3.6 (4)(e)	<p>* (4) Trauma/resuscitation room....                      ...                      (e) Renovation                      ...                      (ii) In renovation projects, if it is not possible for existing trauma/resuscitations rooms to meet the minimum door opening width standard in Section 2.2-3.1.3.6 <del>(4)(a) and 2.2-3.1.3.6 (4)(b)</del> (Space requirements), the authority having jurisdiction shall be permitted to grant approval to deviate from this requirement provided the opening has a minimum clear width of 4 feet (1.22 meters).</p>	<p>* (4) Trauma/resuscitation room....                      ...                      (e) Renovation                      ...                      (ii) In renovation projects, if it is not possible for existing trauma/resuscitations rooms to meet the minimum door opening width standard in Section 2.2-3.1.3.6 <u>(4)(d) (Door openings)</u>, the authority having jurisdiction shall be permitted to grant approval to deviate from this requirement provided the opening has a minimum clear width of 4 feet (1.22 meters).                      (8/19/21)</p>
219	Table 2.2-2 Classification of Room	<p><b>Class 1 Imaging Room—Use</b></p>	<p><b>Class 1 Imaging Room—Use</b></p>

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	Types for Imaging Services	Diagnostic radiography, fluoroscopy, mammography, computed tomography (CT), <i>continued</i> <i>continued</i> ultrasound, magnetic resonance imaging (MRI), and other imaging <del>modalities</del> Services that use natural orifice entry and do not pierce or penetrate natural protective membranes	Diagnostic radiography, fluoroscopy, mammography, computed tomography (CT), <i>continued</i> <i>continued</i> ultrasound, magnetic resonance imaging (MRI), and other imaging <a href="#">services</a> Services that use natural orifice entry and do not pierce or penetrate natural protective membranes (11/16/20)
223	2.3-3.5.3.4	<b>*2.3-3.5.3 Secure Holding Room</b> ... <b>2.3-3.5.3.4</b> The minimum clear door opening for secure holding rooms shall be <del>45.5 inches (1158 millimeters)</del> .	<b>*2.3-3.5.3 Secure Holding Room</b> ... <b>2.3-3.5.3.4</b> The minimum clear door opening for secure holding rooms shall be <a href="#">44.5 inches (1130 millimeters)</a> . (6/3/21)

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238	2.4-8.5	<b>2.4-8.5 Communications Systems</b> <b>2.4-8.5.1 Reserved</b>  <b>2.4-8.5.2 Telecommunications and Information Systems</b> <b>2.4-8.5.2.1</b> Locations for terminating telecommunications and information system devices shall be provided. <b>2.4-8.5.2.2</b> A central equipment space shall be provided that meets manufacturer requirements for the following: (1) Temperature range (2) Air filtration (3) Humidity control (4) Voltage regulation	<b>2.4-8.5 Communications Systems</b> <b>2.4-8.5.1 <a href="#">Call Systems</a></b> <a href="#">Call systems shall meet the requirements in Section 2.1-8.5.1 (Call Systems).</a> <b>2.4-8.5.2 Telecommunications and Information Systems</b> <b>2.4-8.5.2.1</b> Locations for terminating telecommunications and information system devices shall be provided. <b>2.4-8.5.2.2</b> A central equipment space shall be provided that meets manufacturer requirements for the following: (1) Temperature range (2) Air filtration (3) Humidity control (4) Voltage regulation <b>2.4-8.5.3 <a href="#">Emergency Communication System</a></b> <a href="#">The emergency communication system shall meet the requirements in Section 2.1-8.5.3 (Emergency Communication System).</a> (8/12/22)
245	2.5-2.4.7.1	<b>2.5-2.4 Alzheimer’s and Other Dementia Patient Care Unit</b> ... <b>2.5-2.4.7 Special Design Elements</b> <b>2.5-2.4.7.1 Door openings.</b> Door openings to patient bedrooms shall have a minimum clear width of <del>45.5 inches (1156 millimeters)</del> .	<b>2.5-2.4 Alzheimer’s and Other Dementia Patient Care Unit</b> ... <b>2.5-2.4.7 Special Design Elements</b> <b>2.5-2.4.7.1 Door openings.</b> Door openings to patient bedrooms shall have a minimum clear width of <a href="#">44.5 inches (1130 millimeters)</a> .

			(6/3/21)
248	2.5-5.3	<p><b>2.5-5.3 Materials Management</b>  <del>Section 2.1-5.3 (Materials Management)</del>  <b>2.5-5.3.1 General</b>                  Psychiatric hospitals shall meet the requirements of Section 2.1-5.3...</p>	<p><b>2.5-5.3 Materials Management</b>  <b>2.5-5.3.1 General</b>                  Psychiatric hospitals shall meet the requirements of Section 2.1-5.3...                  (11/16/20)</p>
249	2.5-7.2.2.3 (2)	<p><b>2.5-7.2.2.3 Doors and door hardware</b>                  ...                  (2) Door openings. Door openings for patient use in new construction shall have a minimum clear width of <del>34 inches (864 millimeters)</del>.</p>	<p><b>2.5-7.2.2.3 Doors and door hardware</b>                  ...                  (2) Door openings. Door openings for patient use in new construction shall have a minimum clear width of <u>32 inches (813 millimeters)</u>.                  (6/3/21)</p>
255	2.6-2.2.8.1	<p><b>2.6-2.2.8 Support Areas for the Rehabilitation Patient Care Unit</b>  <b>2.6-2.2.8.1</b> The support areas noted shall be provided in or readily accessible to each patient care unit and meet the requirements in Section 2.1-2.2-8 (Support Areas for <del>Medical/Surgical</del> Patient Care Units) as amended in this section.</p>	<p><b>2.6-2.2.8 Support Areas for the Rehabilitation Patient Care Unit</b>  <b>2.6-2.2.8.1</b> The support areas noted shall be provided in or readily accessible to each patient care unit and meet the requirements in Section 2.1-2.8 (Support Areas for Patient Care Units <u>and Other Patient Care Areas</u>) as amended in this section.                  (8/19/21)</p>
259-60	2.6-8.5	<p><b>2.6-8.5 Communications Systems</b>  <del>2.6-8.5.1</del> Locations for terminating telecommunications and information system devices shall be provided.  <del>2.6-8.5.2</del> An area shall be provided for central equipment locations. Special air conditioning and voltage regulation shall be provided when recommended by the manufacturer.</p>	<p><b>2.6-8.5 Communications Systems</b>  <u>2.6-8.5.1 Call Systems</u>  <u>Call systems shall meet the requirements in Section 2.1-8.5.1 (Call Systems).</u>  <u>2.6-8.5.2 Telecommunications and Information Systems</u>  <u>2.6-8.5.2.1</u> Locations for terminating telecommunications and information system devices shall be provided.  <u>2.6-8.5.2.2</u> An area shall be provided for central equipment locations. Special air conditioning and voltage regulation shall be provided when recommended by the manufacturer.                  (8/12/22)</p>

275	2.8-3.8.1.1	<p><b>2.8-3.8 Support Areas for Mobile/Transportable Medical Units</b></p> <p><b>2.8-3.8.1 General</b></p> <p><b>2.8-3.8.1.1</b> For Class 2 units, support areas that meet the requirements of Section 2.2-3.4.8 (Support Areas for Imaging Services) shall be provided in the mobile/transportable medical unit, <del>directly accessible</del> in the host facility, or a combination of the two.</p>	<p><b>2.8-3.8 Support Areas for Mobile/Transportable Medical Units</b></p> <p><b>2.8-3.8.1 General</b></p> <p><b>2.8-3.8.1.1</b> For Class 2 units, support areas that meet the requirements of Section 2.2-3.4.8 (Support Areas for Imaging Services) shall be provided in the mobile/transportable medical unit, in the host facility <u>but readily accessible to the mobile unit</u>, or a combination of the two, <u>except as amended in this section</u>.</p> <p style="text-align: right;">(11/16/20)</p>
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