

**INITIAL EXPRESS TERMS  
 FOR  
 PROPOSED BUILDING STANDARDS  
 OF THE  
 OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT**

**REGARDING PROPOSED CHANGES TO  
 CALIFORNIA BUILDING CODE  
 CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2, VOLUME 1**

**LEGEND FOR EXPRESS TERMS**

1. Existing California amendments or code language being modified are in italics when they appear in the model code text: All such language appears in *italics*, modified language is underlined.
2. New California amendments: All such language appears underlined and in italics.
3. Repealed text: All such language appears in ~~strikeout~~.

**INITIAL EXPRESS TERMS**

**CHAPTER 1  
 SCOPE AND ADMINISTRATION  
 DIVISION I  
 CALIFORNIA ADMINISTRATION**

Carry forward existing California Chapter 1, Division I of the 2013 California Building Code (CBC) for OSHPD 1, 2, 3 & 4.

**DIVISION II  
 SCOPE AND ADMINISTRATION**

Adopt only those sections of the 2015 International Building Code (IBC) Chapter previously adopted and carry forward existing amendments of the 2013 California Building Code (CBC) for OSHPD 1, 2, 3 & 4 with the following modifications:

**PART 1 – SCOPE AND APPLICATION**

**SECTION 101  
 GENERAL**

...

**[A] 101.4.6 Energy.** The provisions of the *California Energy Code* shall apply to all matters governing the design and construction of buildings for energy efficiency.

**~~Exception: [OSHPD 1, 2, & 4] Not required by OSHPD.~~**

...

**NOTATION:**

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

Reference: Health and Safety Code Section 129850

## CHAPTER 2 DEFINITIONS

Adopt entire 2015 International Building Code (IBC) Chapter and carry forward existing amendments of the 2013 California Building Code (CBC) for OSHPD 1, 2 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

*Reference: Health and Safety Code Section 129850*

## CHAPTER 3 USE AND OCCUPANCY CLASSIFICATION

Adopt entire 2015 International Building Code (IBC) Chapter without amendments for OSHPD 1, 2 & 4:

**NOTATION:**

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

*Reference: Health and Safety Code Section 129850*

## CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

Adopt entire 2015 International Building Code (IBC) Chapter without amendments for OSHPD 1, 2 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

*Reference: Health and Safety Code Section 129850*

## CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS

Adopt entire 2015 International Building Code (IBC) Chapter without amendments for OSHPD 1, 2 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

*Reference: Health and Safety Code Section 129850*

## CHAPTER 6 TYPES OF CONSTRUCTION

Adopt entire 2015 International Building Code (IBC) Chapter without amendments for OSHPD 1, 2 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

*Reference: Health and Safety Code Section 129850*

## CHAPTER 7 FIRE-RESISTANCE-RATED CONSTRUCTION

Adopt entire 2015 International Building Code (IBC) Chapter without amendments for OSHPD 1, 2 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

*Reference: Health and Safety Code Section 129850*

## CHAPTER 8 INTERIOR FINISHES

Adopt entire 2015 International Building Code (IBC) Chapter without amendments for OSHPD 1, 2 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

*Reference: Health and Safety Code Section 129850*

## CHAPTER 9 FIRE PROTECTION SYSTEMS

Adopt entire 2015 International Building Code (IBC) Chapter without amendments for OSHPD 1, 2 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

*Reference: Health and Safety Code Section 129850*

## CHAPTER 10 MEANS OF EGRESS

Adopt entire 2015 International Building Code (IBC) Chapter and carry forward existing amendments of the 2013 California Building Code (CBC) for OSHPD 1, 2 & 4.

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government 11152.5

*Reference: Health and Safety Code Section 129850*

## CHAPTER 11 ACCESSIBILITY

Entire Chapter not adopted for OSHPD 1, 2, 3, & 4

**NOTATION:**

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government 11152.5

*Reference: Health and Safety Code Section 129850*

## CHAPTER 12 INTERIOR ENVIRONMENT

Adopt entire 2015 International Building Code (IBC) Chapter and carry forward existing amendments of the 2013 California Building Code (CBC) for OSHPD 1, 2, 3 & 4 with the following modifications:

### SECTION 1210 TOILET AND BATHROOM REQUIREMENTS

...

**1210.2 Finish materials.** Walls, floors and partitions in toilet and bathrooms shall comply with Sections 1210.2.1 through 1210.2.4.

**[OSHPD 1, 2, & 3]** Facilities subject to OSHPD 1, 2, & 3 shall also comply with Section 1224.4.11

**[OSHPD 4]** Facilities subject to OSHPD 4 shall also comply with Section 1227.9

...

### SECTION 1224 [OSHPD 1] HOSPITALS

**1224.1 Scope.** ...

**1224.2 Application.** *New buildings and additions, alterations or repairs to existing buildings subject to licensure shall comply with applicable provisions of the California Electrical Code, California Mechanical Code, California Plumbing Code, California Energy Code, California Fire Code (Parts 3, 4, 5, 6 and 9 of Title 24) and this section.*

**Exceptions:**

- 1....
2. *The provisions of this section do not prohibit the use of alternate space utilization...*

...

**1224.3 Definitions**

*Specific terms and definitions are provided to facilitate consistency in the interpretation and application of these requirements. Some of these terms may have a broader definition in other contexts, but the definitions provided here reflect the use of the terms for OSHPD requirements.*

...

**Clear dimension:** *An unobstructed room dimension exclusive of built-in casework and equipment and available for functional use.*

...

**Location terminology** *(terms for relationship to an area or room)*

**In.** *Located within the identified area or room.*

**Directly accessible.** *Connected to the identified area or room through a doorway, pass-through, or other opening without going through an intervening room or public space.*

**Adjacent.** *Located next to but not necessarily connected to the identified area or room.*

**Immediately accessible.** *Available either in or adjacent to the identified area or room.*

**Readily accessible.** *Available on the same floor as the identified area or room.*

**Patient care locations**

**Bay (patient):** A space for human occupancy with one hard wall at the headwall and three soft walls (e.g., cubicle curtains or portable privacy screen).

**Cubicle:** A space intended for human occupancy that has at least one opening and no door and is enclosed on three sides with full-height or partial-height partitions.

**Patient care station:** A designated space for a specific patient care function. This term does not imply any structural requirement (e.g., a PACU can have 10 patient care stations of which three are rooms, three are cubicles, and four are bays).

...

**Room:** A space enclosed by hard walls and having a door. Where the word “room” or “office” is used, a separate, enclosed space for the one named function is intended. Otherwise, the described area may be a specific space in another room or common area.

...

**1224.4 GENERAL CONSTRUCTION. ...**

...

**1224.4.2 Environmental engineering and support ~~S~~service spaces. ...**

...

**1224.4.4 Support areas for patients care.** Identifiable spaces shall be provided for each function indicated in all Basic and Supplemental Service Space sections with requirements for support areas. The following rooms and spaces are common to most types of health care facilities and the requirements associated with each, as listed below, shall be used unless modified under a specific Service Space section.

...

Relocate Section “1224.14.2.1 Administrative center(s) or nurse station(s)” to Section 1224.4.4.2 and re-number “Specimen and blood collection facilities” as new Section 1224.4.4.3:

**1224.4.4.2 Administrative center(s) or nurse station(s).** This area shall have space for counters and storage and ~~shall have convenient access to handwashing fixtures~~ at least one hand-washing station shall be located in, next to, or directly accessible to the administrative center or nurse station. It may be combined with or include centers for reception, charting and communication.

**1224.4.4.3 Specimen and blood collection facilities. ...**

Relocate and format as a list Section “1224.14.2.8 Medication station” to new Section 1224.4.4.4:

**1224.4.4.4 Medication station.** Provision shall be made for distribution of medications. This shall be done from a medication preparation room or from a self-contained dispensing unit.

**1224.4.4.4.1 Medication preparation room.** If provided, this room shall be directly accessible from the nursing station. ~~It shall contain a work counter, handwashing fixture, refrigerator, and locked storage for controlled drugs.~~ When a medicine preparation room is to be used to store one or more self-contained medicine dispensing units, the room shall be designed with adequate space to prepare medicines with the self-contained medicine dispensing unit(s) present. Medicine preparation rooms shall include:

1. Work counter

2. Handwashing station
3. Refrigerator
4. Locked storage for controlled drugs

**1224.4.4.4.2 Self-contained medication dispensing unit.** *If provided, a self-contained medicine dispensing unit shall be located at the nurses' station, in the clean utility room, or in an alcove.*

Relocate and format as a list Section "1224.14.2.10 Nourishment area" to new Section 1224.4.4.5:

**1224.4.4.5 Nourishment area or room.** *There shall be a nourishment area with sink, work counter, refrigerator, storage cabinets, and equipment for hot and cold nourishment between scheduled meals. The nourishment shall include space for trays and dishes used for nonscheduled meal service. Provisions and space shall be included for separate temporary storage of unused and soiled dietary trays not picked up at mealtime. Handwashing fixtures separate from the nourishment sink shall be in or adjacent to the nourishment area. Nourishment areas or rooms required in patient care areas shall include the following:*

1. Sink
2. Work counter
3. Refrigerator
4. Storage cabinets
5. Equipment for hot and cold nourishment between scheduled meals
6. Provisions and space for temporary storage of unused and soiled meal trays not picked up at mealtime.
7. Handwashing stations separate from the nourishment sink shall be in, or adjacent to, the nourishment area.

Relocate and format as a list Section "1224.14.2.6. Clean utility room" to new Section 1224.4.4.6:

**1224.4.4.6 Clean utility/work room.** *The clean workroom or clean supply room shall be separate from and have no connection with the soiled workroom or soiled holding room. If the room is used for preparing patient care items, it shall contain ~~a work counter, a handwashing fixture, and storage facilities for clean and sterile supplies~~ the following:*

1. Work counter
2. Handwashing station
3. Storage facilities for clean and sterile supplies

**1224.4.4.6.1 Clean supply room.** *If the room is used only for storage and holding as part of a system for distribution of clean and sterile materials, the work counter or a handwashing station may be omitted. ~~Soiled and clean utility or holding rooms shall be separated and have no direct connection.~~*

Relocate and format as a list Section "1224.14.2.7 Soiled workroom or soiled holding room" as new Section 1224.4.4.7:

**1224.4.4.7 Soiled utility/workroom or soiled holding room.** *~~This~~ The soiled workroom or soiled holding room shall be separate from and have no connection with either the clean workrooms or clean supply rooms. The soiled ~~workroom utilities~~ utility/workroom shall contain a clinical sink (or equivalent flushing-rim fixture). ~~The room shall contain a handwashing fixture.~~*

~~The above fixtures shall both have a hot and cold mixing faucet. The room shall have a work counter and space for separate covered containers for soiled linen and waste. the following:~~

1. Clinical sink (or equivalent flushing-rim fixture) with a hot and cold mixing faucet
2. Handwashing station
3. Work counter
4. Space for separate covered containers for soiled linen and/or waste

**1224.4.4.7.1 Soiled holding room.** Rooms used only for temporary holding soiled material may omit the clinical sink and work counter. If the flushing-rim clinical sink is eliminated, facilities for cleaning bedpans shall be provided elsewhere.

...

Amend "Section 1224.6.3" and "Table 1224.4.6.1"

#### 1224.4.6 Miscellaneous requirements. ...

**1224.4.6.3 Hyperbaric facilities.** The design and construction of hyperbaric facilities shall conform to NFPA 99: Health Care Facilities and Section 1224.39.5.

	<b>LOCATION</b>	<b>OXYGEN</b>	<b>VACUUM</b>	<b>MEDICAL AIR</b>
21	<del>Not used</del> <u>Endoscopy procedure room</u>	<u>1/room</u>	<u>3/room</u>	
...	...	...	...	...
36	<u>Autopsy room</u>	-	1 per workstation	-
37	<u>MRI</u>	1/room	1/room	1/room
38	<u>Interventional imaging procedure room</u>	<u>2/room</u>	<u>2/room</u>	<u>1/room</u>
39	<u>Hyperbaric suite pre-procedure/patient holding area</u>	<u>2/station</u>	<u>2/station</u>	-
40	<u>Electroconvulsive therapy procedure room</u>	<u>1/room</u>	<u>1/room</u>	

...

Add "Sub-Section 1224.4.7.5.1"

#### 1224.4.7 Corridors

...

**1224.4.7.5 Connections.** Corridor systems shall connect all patient rooms and basic services.

**Exception:** Covered pedestrian walkways connecting separate buildings are permitted for ambulatory, psychiatric or chemical dependency patients.

**1224.4.7.5.1 Departmental boundaries.** *Department/service space areas shall be contiguous and include internal circulation to access each of the rooms/spaces associated with it, as identified under the particular Service Space requirements.*

Amend "Section 1224.4.9.1"

**1224.4.9 Windows and screens.**

**1224.4.9.1 Windows.** *Rooms approved for the housing of patients shall be provided with natural light by means of exterior glazed openings excluding clerestory windows, obscure glass and skylights, with an area not less than one tenth of the total floor area. Newborn intensive care units shall also comply with Section 1224.29.2. ~~13,12.~~*

Relocate "Section 1224.5 Noise Control" as new Section 1224.4.19:

**1224.4.19 Noise Control.**

**1224.4.19.1 Impact noises.** *Recreation rooms, exercise rooms, equipment rooms and similar spaces where impact noises may be generated, shall not be located directly over patient bed areas or delivery and operating suites, unless special provisions are made to minimize such noise.*

**1224.4.19.2 Noise reduction.** *The noise reduction criteria shown in Table ~~1224.5~~ 1224.4.19 shall apply to partitions, floors, and ceiling construction in patient areas.*

**1224.5 Reserved Noise Control...**

Relocate "Table 1224.4 SOUND TRANSMISSION LIMITATION IN ACUTE CARE GENERAL HOSPITALS" to new Section 1224.4.19:

**TABLE 1224.5-1224.4.19**  
**SOUND TRANSMISSION LIMITATIONS**  
**IN ACUTE CARE GENERAL HOSPITALS**

...

...

**1224.14 NURSING SERVICE SPACE**

...

Relocate the following sections from Section "1224.14 NURSING SERVICE SPACE" to Section "1224.4 GENERAL CONSTRUCTION" and replace with references to the relocated sections:

**1224.14.2 Service areas. ...**

**1224.14.2.1 Administrative center(s) or nurse station(s).** ~~*This area shall have space for counters... charting and communication.*~~ *Administrative center(s) or nurse station shall be provided in accordance with Section 1224.4.4.2.*

...

**1224.14.2.6 Clean utility/work room.** ~~*If the room is used for preparing patient care items... shall be separated and have no direct connection.*~~ *Clean utility/work room shall be provided in accordance with to Section 1224.4.4.6.*

**1224.14.2.7 Soiled workroom or soiled holding room.** ~~This room shall be separate from the clean utility room... facilities for cleaning bedpans shall be provided elsewhere. Soiled workroom or soiled holding room shall be provided in accordance with Section 1224.4.4.7.~~

**1224.14.2.8 Medication station.** ~~Provision shall be made for distribution of medications... self-contained medicine dispensing unit. Medication station shall be provided in accordance with Section 1224.4.4.4.~~

~~1224.14.2.8.1 Medicine preparation room...~~

~~1224.14.2.8.2 Self-contained medicine dispensing unit...~~

...

**1224.14.2.10 Nourishment area.** ~~There shall be a nourishment area with sink... in or adjacent to the nourishment area. A nourishment area or room shall be provided in accordance with Section 1224.4.4.5.~~

## **1224.15 Surgical service space. SURGICAL SERVICE SPACE**

**1224.15.1 General.** A minimum of one operating room and one recovery bed is required. The surgical service space shall be divided into two designated areas – semi-restricted areas (e.g. storage areas for clean and sterile supplies, sterile processing rooms, scrub stations, and corridors leading to restricted areas of the surgical suite, etc.), and restricted areas (e.g. operating rooms, hybrid operating rooms, sterile procedure rooms, cardiac catheterization labs, etc.) that can be reached only through a semi-restricted area. The surgical service space shall be located and arranged to provide direct support from the anesthesia/recovery service space with a common door to; and to prevent nonrelated traffic through the surgical service space.

An operating room suite design with a sterile core shall provide for no cross traffic of staff and supplies from decontaminated/soiled areas to the sterile/clean areas. The use of facilities outside the operating room for soiled/decontaminated processing and clean assembly and sterile processing shall be designed to move the flow of goods and personnel from dirty to clean/sterile without compromising universal precautions or aseptic techniques in ~~both~~ either departments.

**Exception:** Surgical service space is not required in a rural general acute care hospital... approved by the Department of Public Health, Licensing and Certification.

### ~~1224.15.1~~ **1224.15.2 Surgery.**

~~1224.15.1.1~~ **1224.15.2.1 General operating room(s).** ~~In new construction, e~~Each room shall have a minimum clear floor area of 400 square feet (37.16 m<sup>2</sup>) with a minimum of 20 feet (6096 mm) clear dimension between fixed cabinets and built-in shelves; and a system for emergency communication; X-ray or imaging viewing capabilities shall be provided.

**Exception:**

4. Where renovation of existing operating rooms is undertaken in facilities built under the 2001 or prior California Building Code, each operating room shall have a minimum clear floor area of 324 square feet (30.10 m<sup>2</sup>) with a minimum of 18 feet (5486 mm) clear dimension between fixed cabinets and built-in shelves.
2. ~~For shelled floor spaces built under the 2001 or prior California Building Code, each existing operating room shall have a minimum clear floor area of 324 square feet (30.10 m<sup>2</sup>) with a minimum of 18 feet (5486 mm) clear dimension between fixed cabinets and built-in shelves.~~

~~1224.15.1.2~~ **1224.15.2.2 Surgical cystoscopic and other endo-urologic procedures.** ~~In new construction, e~~Each room shall have a minimum clear floor area of 250 square feet (23.23 m<sup>2</sup>)

with a minimum of 15 feet (4572 mm) clear dimension between fixed cabinets and built-in shelves; X-ray viewing and/or other imaging modality capabilities shall be provided.

**Exception:**

4. Where renovation of existing operating rooms is undertaken in facilities built under the 2001 or prior California Building Code, rooms for surgical cystoscopy shall have a minimum clear floor area of 180 square feet (16.72 m<sup>2</sup>). Cast rooms for open reductions, if provided, shall have a minimum clear floor area of 180 square feet (16.72 m<sup>2</sup>), no dimension of which shall be less than 11 feet (3353 mm).
2. ~~For shelled spaces built under the 2001 or prior California Building Code, each surgical cystoscopy shall have a minimum clear floor area of 180 square feet (16.72 m<sup>2</sup>). Cast rooms for open reductions, if provided, shall have a minimum floor area of 180 square feet (16.72 m<sup>2</sup>), no dimension of which shall be less than 11 feet (5486 mm).~~

~~1224.15.2 Preoperative patient holding area(s). In facilities with two or more operating rooms...Provisions for patient privacy such as cubicle curtains shall be provided.~~

## 1224.16 ANESTHESIA / RECOVERY SERVICE SPACE

~~1224.16.1 **General Post-anesthetic care units (PACUs).** Each PACU shall contain a medication station in accordance with Section 1224.14.2.8; handwashing fixtures; nurse control with charting facilities; clinical sink, refrigerator, provisions for bedpan cleaning; and storage space for gurneys, supplies, and equipment. Additionally, the design shall provide a minimum of 80 square feet (7.43 m<sup>2</sup>) for each patient position with a clearance of at least 5 feet (1524 mm) between patient gurneys and a minimum of 4 feet (1218 mm) between the sides and the foot of patient gurneys and adjacent walls or any other fixed obstructions. Provisions for patient privacy such as cubical curtains shall be made. In new construction, at least one door to the recovery room shall access directly from the surgical service space without crossing public corridors. Handwashing fixtures shall be provided with at least one for every four gurneys uniformly distributed to provide equal access from each patient gurney. The anesthesia/recovery service space shall provide perioperative support services to the surgical service space as required under this section. Perioperative services shall include preoperative patient care and post-operative recovery with a Post-Anesthesia Care Unit (PACU). The anesthesia/recovery service space shall be located immediately adjacent to the surgical service space with direct access to the surgical suite's semi-restricted corridor.~~

**Exception:** In a rural general acute care hospital, when the surgical service space is not required, the anesthesia/recovery service space is not required. The hospital must maintain written transfer agreements with one or more general acute care hospitals that provide surgical and anesthesia services. Written transfer agreements shall be approved by the Department of Public Health, Licensing and Certification.

Relocate Section 1224.15.2 as new Section 1224.16.2:

**1224.16.2 Preoperative patient care area.** In facilities with two or more operating rooms, area(s) with patient care stations shall be provided to accommodate gurney patients or sitting space for ambulatory patients not requiring gurneys. The preoperative area is an unrestricted area and These area(s) shall be under direct visual control of the nursing staff and may be part of the recovery service space. If the preoperative patient care area will serve other purposes, such as overflow PACU or holding area, applicable requirements in Section 1224.16.3 (PACU) shall be met.

**1224.16.2.1 Space requirements.** ~~Each gurney station shall be have a minimum clear floor area of 80 square feet (7.43 m<sup>2</sup>); and shall have a minimum clearance of 3 feet (9133 mm) or shall be provided between the sides and foot of patient lounge chairs/gurneys and feet of the gurney adjacent walls, partitions or fixed elements.~~

**1224.16.2.2 Patient privacy.** Provisions for patient privacy such as cubicle curtains shall be made.

**1224.16.2.3 Handwashing stations.** Handwashing station(s) shall be provided in the preoperative service area at a ratio of one for each 4 stations in open bay areas. A handwashing station shall be provided in each single care station room.

**1224.16.3 Recovery and Post-Anesthetic Care Unit (PACUs).** The recovery area and PACU is an unrestricted area and located such that at least one door to the recovery room shall provide access directly from the surgical service space without crossing unrestricted corridors. A minimum of 1.5 post-anesthesia care stations per operating room shall be provided. If pediatric surgery is provided, pediatric recovery stations shall be provided. They shall be separate from adult stations, and shall include space for parents and be visible from the nurse station.

**1224.16.3.1 Space requirements.** A minimum of 4 feet (1218 mm) clearance shall be provided between the sides and the foot of patient gurneys, or beds, and adjacent walls or other fixed elements. A minimum clear floor area of 80 square feet (7.43 m<sup>2</sup>) shall be provided for each station in an open-bay plan. 5 feet (1524 mm) minimum clearance shall be provided between patient gurneys or beds, and a minimum of 3 feet (914 mm) clearance shall be provided between the foot of the gurney, or bed, to a closed cubicle curtain.

**1224.16.3.2 Patient privacy.** Provisions for patient privacy such as cubicle curtains shall be made.

**1224.16.3.3 Handwashing stations.** Handwashing stations shall be provided in the post-anesthetic care unit with at least one for every four patient positions uniformly distributed to provide equal access from each patient station. A handwashing station shall be provided in each single care station room.

**1224.16.4 Reserved.**

**1224.16.5 Support areas for patient care**

**1224.16.5.1 Administrative area / nurse station.** A nurse station shall be provided in postoperative patient care areas, and shall allow direct observation of the patients and charting facilities. The nurse station shall comply with the requirements of Section 1224.4.4.3.

**1224.16.5.2 Clinical sink.** A clinical sink shall be provided in postoperative patient care areas with provisions for bedpan cleaning.

**1224.16.5.3 Medication station.** Each PACU shall contain a medication station. The medication station shall comply with the requirements of Section 1224.4.4.4.

**1224.16.5.4 Ice-making.** Ice-making equipment shall be provided in the perioperative service space. Ice-making equipment is permitted to be located in preoperative or postoperative patient care areas however it shall not be located in semi-restricted areas.

**1224.16.5.7 Storage.** *Storage shall be provided for gurneys, supplies and equipment.*

**1224.16.6 Support areas for staff.** *Staff toilet rooms shall be located in the postoperative patient care area(s) to maintain staff availability to patients.*

**1224.16.7 Support areas for patients, families, and visitors.**

**1224.16.7.1 Waiting area** *A waiting area, in compliance with Section 1224.4.5, shall be provided.*

**1224.16.7.2 Patient change area.** *A changing area shall be provided for outpatient use in perioperative areas in support surgical suites that provide outpatient procedures. The changing area shall include space for changing or gowning, provisions for storing patients' belongings during the procedure, and access to patient toilet(s).*

...

**1224.18 RADIOLOGICAL/DIAGNOSTIC IMAGING SERVICE SPACE.** *Space and equipment shall be provided to accommodate all required elements, and of any additional imaging modalities included in the service space, as required in this section. If interventional or image-guided procedures are performed in the imaging services area, additional provisions shall be as described in Section 1224.28 (Supplemental Surgery and other Special Procedure Services). If nuclear medicine is provided in the imaging services area, spaces shall also comply with the requirements described in Section 1224.34 (Nuclear Medicine).*

...

**1224.18.2 Angiography.** ...

**1224.18.2.1 Interventional angiography procedures.** *If interventional angiography procedures are to be performed in the angiography room, the suite ~~must~~ shall comply with ~~general operating room~~ interventional imaging requirements in Section ~~1224.15.1.4~~ 1224.28.4 and have the support of the service areas in Section 1224.15.3. If cardiac catheterization procedures are performed refer to Section 1224.28.2.*

**1224.18.3 Computerized tomography (CT) scanning.** ...

**1224.18.3.1 Spaces required.** ...

**1224.18.3.2 Intraoperative computerized tomography.** *If provided, intraoperative CT scanning spaces shall comply with Section 1224.28.5.*

...

**1224.18.4 Magnetic resonance imaging (MRI).**

...

**1224.18.4.6 Intraoperative magnetic resonance imaging.** *If provided, the intraoperative magnetic resonance imaging (iMRI) suite shall comply with Section 1224.28.5.*

...

**1224.23 STORAGE**

**1224.23.1 General storage.** *Hospitals shall provide general storage space of at least 20 square feet (1.86 m<sup>2</sup>) per bed in addition to specialized storage spaces. All storage spaces shall be ~~readily~~ accessible on the site of the facility.*

...

**1224.28 SUPPLEMENTAL SURGERY AND SPECIAL PROCEDURE SERVICES.** *When provided, the following supplemental surgery and special procedure services shall meet the requirements below:*

**1224.28.1 Cardiovascular and other special procedures. ...****1224.28.2 Cardiac catheterization. ...****1224.28.3 Freestanding cardiac catheterization laboratory service space. ...**

**1224.28.4 Interventional imaging.** Image-guided interventional procedures shall be performed in procedure rooms in compliance with this section. Cardiac catheterization operating rooms shall be in compliance with Section 1224.28.2, and hybrid operating rooms shall be in compliance with Section 1224.28.5.

**1224.28.4.1 Space requirements.** The procedure room shall meet the space, clearance, and storage requirements for the imaging equipment contained in the room and the following:

1. A minimum clear dimension of 18 feet (5486 mm).
2. The procedure room shall also be sized to allow a minimum clearance of 4 feet (1219 mm) on all sides of the procedure table.

**1224.28.4.2 Pre-procedure and recovery.** Pre-procedure and recovery areas shall be immediately accessible to procedure rooms and separate from corridors. The pre-procedure and recovery areas shall comply with the requirements of Section 1224.16 (Anesthesia/recovery Service Space).

**1224.28.4.3 Interventional MRI facilities.** Interventional and intraoperative magnetic resonance imaging (I-MRI) procedure rooms shall comply with Section 1224.28.5 (Hybrid operating rooms).

**1224.28.4.4 Control room or area.** A control room or area shall be provided.

1. The control room or area shall be sized to accommodate the image-recording and viewing equipment.
2. A shielded view window permitting direct observation of the patient from the control console shall be provided.
3. The shielded control room shall be configured to prevent radiation exposure into occupied areas of the control room when ionizing radiation modalities are used.
4. Where the procedure room requires positive (or negative) pressure, a door shall be provided between the control room and the procedure room or between the combined control room/procedure room and other adjacent space.
5. Where control functions for ionizing radiation exposures take place in the procedure room, storage for personal radiation protection devices shall be provided.

**1224.28.4.5 Emergency response space.** Where electrophysiology studies are performed, dedicated space and equipment for emergency resuscitation and stabilization shall be immediately accessible to the procedure room.

**1224.28.4.6 Scrub facilities.** Scrub sinks shall be located outside of sterile areas. A minimum of one scrub sink station shall be provided for each interventional imaging procedure room. Scrub sinks shall have water supply controls not requiring direct contact of the hands for operation.

**1224.28.4.7 Medication station.** A medication station shall be provided in compliance with the requirements in Section 1224.4.2.8.

**1224.28.4.8 Reading room.** A reading room for reviewing images shall be available for use by the interventional imaging suite.

**1224.28.4.9 Electrical equipment room.** Electronics equipment or enclosures large enough to contain x-ray transformers, power modules, and associated electronics and electrical gear

shall be provided. Sharing of electronics equipment rooms by multiple procedure rooms is permitted.

**1224.28.4.10 Clean utility room.** A clean utility room shall be provided in accordance with the requirements in Section 1224.4.6.

**1224.28.4.11 Soiled workroom.** A soiled workroom shall be provided in accordance with Section 1224.4.7.

**1224.28.4.12 Housekeeping room.** A housekeeping room shall be provided in accordance with the requirements of Section 1224.4.15.

**1224.28.4.13 Staff changing areas.** Staff changing areas shall be provided and arranged to ensure a traffic pattern so that personnel can enter from outside the suite, change their clothing, and move directly into the semi-restricted corridor within the interventional imaging suite.

**1224.28.5 Hybrid operating room(s).** Hybrid operating rooms shall comply with the requirements of Section 1224.15 and comply with the requirements in this section.

**1224.28.5.1 Space requirements.** Each hybrid operating room shall meet the space, clearance, and storage requirements for the imaging equipment contained in the room and the following:

1. A minimum clear floor area of 650 square feet (60.39 m<sup>2</sup>) is required for a hybrid operating room unless the imaging equipment requires a larger area.
2. The minimum clear dimension shall be 24 feet (7315 mm) unless the requirements for the specific imaging equipment require a greater distance.

**1224.28.5.2 Control room.** If required, a control room shall be provided that accommodates the imaging system control equipment and the following requirements:

1. The control room shall have a minimum clear floor area of 120 square feet (11.15 m<sup>2</sup>), which may include fixed work surfaces.
2. The room shall be physically separated from the hybrid operating rooms with walls and a door.
3. The room shall have viewing windows that provide for a full view of the patient and the surgical team.
4. If the control room is adjacent to a restricted area, it must be physically separated from the restricted area with walls and a door.

**1224.28.5.3 Imaging equipment room.** An imaging equipment room shall be provided for each hybrid operating room.

**1224.28.5.4 Radiation protection.** If the imaging equipment emits ionizing radiation, protection shall be provided in accordance with Section 1224.18.1.1.

**1224.28.5.5 Requirements for specific types of hybrid operating rooms.**

**1224.28.5.5.1 CT.** Hybrid operating rooms with intraoperative computerized tomography (CT) systems shall have control rooms that comply with Section 1224.18.3.1.

**1224.28.5.5.2 iMRI.** Hybrid operating rooms with intraoperative magnetic resonance imaging (iMRI) systems shall comply with the following:

1. Space and configuration requirements in Section 1224.18.4, except the clearances shall meet the requirements of 1224.28.5.1.
2. The control room shall comply with Section 1224.18.4.1.

3. The anteroom shall comply with Section 1224.18.4.2.

4. Entry doors to iMRI hybrid rooms shall swing outward from inside the room.

**1224.28.5.5.3 Vascular imaging.** Hybrid operating rooms with vascular imaging systems shall comply with Section 1224.28.4.4.

**1224.28.5.6 Pre-procedure and recovery.** Pre-procedure and recovery areas shall be immediately accessible to procedure rooms and separate from corridors. The pre-procedure and recovery areas shall comply with the requirements of Section 1224.16 (Anesthesia/recovery Service Space).

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**1224.28.6 Electroconvulsive Therapy.** If electroconvulsive therapy (ECT) is provided, the requirements of this section shall be met. Where a psychiatric unit is part of a general acute care hospital (Section 1224.31-Psychiatric Nursing Unit), all the requirements in this section shall be permitted to be accommodated in a procedure suite that complies with the requirements in this section or in an operating room in a surgical suite that meets the requirements in Section 1224.15.

**1224.28.6.1 General.** The ETC procedure area may be a single procedure room or a suite of procedure rooms.

**1224.28.6.2 ECT procedure room.**

1. Space requirements. Each ECT procedure room shall have a minimum clear floor area of 200 square feet (18.6 m<sup>2</sup>) with a minimum clear dimension of 14 feet (4267 mm)
2. Handwashing station. A handwashing station shall be provided.
3. Documentation area. Accommodation for written or electronic documentation shall be provided.

**1224.28.6.3 Pre-procedure and recovery area.** When ECT services have a low-volume of procedures, the ECT procedure room may be used for pre-procedure patient care and recovery. If a pre-procedure and recovery areas are provided they shall comply with the requirements of Section 1224.16.

**1224.28.6.4 Emergency equipment storage.** Space shall be provided in the procedure room(s) for storage of emergency equipment such as a CPR cart. A separate emergency equipment storage is permitted to serve more than one ECT procedure room.

**1224.28.6.5 Patient support areas.** A waiting area and changing area shall be provided for outpatient use in perioperative areas in support ECT suites that provide outpatient procedures. The waiting room shall comply with Section 1224.4.5. The changing area shall include space for changing or gowning, provisions for storing patients' belongings during the procedure, and access to patient toilet(s).

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**1224.33 EMERGENCY SERVICE**

**1224.33.1 Definition.** Levels of emergency care range from initial emergency management as Standby Emergency Medical Service, with a Physician on call, to definitive emergency care as Basic Emergency Medical Service, with a Physician on duty, to Comprehensive Emergency Medical Service as an Emergency Department.

**1224.33.2 Standby eEmergency mMedical sService.** If provided, initial emergency management shall be provided in a specifically designated area of the hospital which shall include the following elements:

**1224.33.2.1 Exterior entrance.** A well-marked, illuminated and covered entrance at grade level. The emergency vehicle cover shall provide shelter for both the patient and the emergency medical crew during transfer from an emergency vehicle into the building. This exterior entrance shall not be substituted for the required accessible entrance to the hospital, protected from the weather by canopy or roof overhang assigned for passengers loading zone. Ambulance entrances shall provide a minimum of 6-feet (183 mm) in clear width to accommodate bariatric stretchers, mobile patient lift devices, and accompanying attendants. ~~Reception, triage and control station~~ shall be located to permit staff observation and control of access to treatment area, pedestrian and ambulance entrances, and public waiting area.

**1224.33.2.2 Treatment room.** Standby emergency service shall include at least one treatment room with the following elements:

1. The area shall not be less than 120 square feet (11.15 m<sup>2</sup>) of clear floor area, exclusive of toilet room(s), waiting area and storage.
2. Each treatment room shall contain an examination light, work counter, and handwashing fixture station,
3. ~~m~~Medical equipment, cabinets, medication storage and counter space for writing.
4. The dimensions and arrangement of treatment rooms shall be such that there is a minimum of 3 feet (914 mm) between the sides and foot of the bed/gurney and any wall or any other fixed obstruction. The treatment room may have additional space and provisions for several patients with cubicle curtains for privacy.
5. ~~Multiple-bed station~~ treatment rooms shall provide a minimum of 80 square feet (7.43 m<sup>2</sup>) per patient gurney, with a minimum 8 foot width (2,438 mm) and 3 feet (914 mm) at the foot of the bed/gurney, with a minimum of 5 feet (1524 mm) between patient gurneys. Patient gurneys shall be separated from adjoining cubicles by curtains. Handwashing fixtures shall be provided for each four treatment stations or major fraction thereof in multiple-station areas.

**Exceptions:**

4. Where renovation of existing treatment rooms is undertaken in facilities approved under the 2001 or prior California Building Code, existing treatment rooms may be renovated, or replaced in kind one for one in the renovated space. Such treatment rooms shall have no less than 80 square feet (7.43 m<sup>2</sup>) of clear floor area, the least dimension of which shall be 8 feet (2438 mm).

2. ~~For shelled spaces approved under the 2001 or prior California Building Code as future emergency service space, treatment rooms, shall have no less than 80 square feet (7.43 m<sup>2</sup>) of clear floor area per bed, with a minimum dimension of 8 feet (2438 mm).~~

**1224.33.2.3 Storage.** Equipment and supply storage shall be provided and shall be sized for general medical/surgical emergency supplies, medications and equipment such as ventilator, defibrillator, splints, etc. This storage shall be located in an alcove or room out of corridor or hallway traffic and under staff control.

**1224.33.2.4 Lobby.** Provisions for reception, control, and public waiting, including a public toilet room(s) with handwashing fixture(s), and public telephone.

**1224.33.2.5 Toilet room(s).** Patient toilet room(s) with handwashing fixture(s) convenient to shall be immediately accessible to the treatment room(s) shall be provided.

**1224.33.2.6 Communication.** ~~A~~ Communication hookup connections to the Poison Control Center and local EMS system shall be provided.

**1224.33.2.7 Observation area.** A patient cubicle with a minimum clear floor area of 100 square feet (9.29 m<sup>2</sup>) shall be provided under the visual control of an emergency service staff work area. The patient bed area shall have space at bedside for visitors and shall have provision for visual privacy from casual observation by other patients and visitors. A handwashing station shall be located in each room, and at least one handwashing station shall be provided for every four patient stations, or major fraction thereof, in open-bay areas.

**Exception:** For small and rural hospitals, the observation area need not be dedicated solely for that purpose.

**1224.33.2.78 Airborne infection isolation exam/treatment room.** If provided, the airborne infection isolation exam/treatment room shall comply with the requirements of Section 1224.29.1.134.4.1.1, except for separate toilet room, bathtubs, or shower.

**1224.33.3 Basic eEmergency mMedical sService.** When 24-hour basic emergency service is to be provided, at a minimum, all the provisions of Standby Emergency Service under Section 1224.33.2 and the following shall be provided:

**1224.33.3.1 Exterior entrance.** In addition to the requirements of Section 1224.33.2.1, Grade-level well marked, illuminated, and covered entrance with the emergency entrance shall have direct access from public roads for ambulance and vehicle traffic conforming with the requirements of the local authorities having jurisdiction. Entrance and driveway shall be clearly marked. If a platform is used for ambulance discharge, provide a ramp for pedestrian and wheelchair access.

**1224.33.3.2 Patient access.** Paved emergency access shall be provided to permit discharge of patients from automobiles and ambulances, and temporary parking convenient to the entrance.

**1224.33.3.3 Reception, triage, and control station(s).** This area shall be located to permit staff observation and control of access to treatment areas, pedestrian and ambulance entrances, and public waiting area.

**1224.33.3.4 Wheelchair and gurney storage.** Shall be located out of traffic with convenient access from emergency entrances.

**1224.33.3.5 Public waiting area with toilet room facilities, drinking fountains, and telephone.** A public waiting area shall be provided in compliance with Section 1224.4.5 and include provision of public toilet room(s), drinking fountains, and telephone adjacent to the waiting area, dedicated to, and within, the Emergency Service Space.

**1224.33.3.6 Examination or treatment room(s).** Examination and treatment rooms shall meet the requirements under Section 1224.33.2.2. Shall have a minimum clear floor area of 120 square feet (11.15 m<sup>2</sup>). The room shall contain work counter(s); cabinets; handwashing fixtures; and a vision panel adjacent to and/or in the door. The dimensions and arrangement of examination and treatment rooms shall be such that there is a minimum of 3 feet (914 mm) between the sides and foot of the bed/gurney and any wall or any other fixed obstruction. When treatment cubicles are in open multi-bed areas, each cubicle shall have a minimum of 80 square feet (7.43 m<sup>2</sup>) of clear space with a minimum 8 foot (2438 mm) width and 3 feet (914 mm) at the foot of the bed, with a minimum of 5 feet (1524 mm) between patient gurneys, and shall be separated from adjoining cubicles by curtains. Handwashing fixtures shall be provided for each four treatment cubicles or major fraction thereof in multiple bed areas.

**Exceptions:**

1. Where renovation of existing examination or treatment room(s) is undertaken in facilities approved under the 2001 or prior California Building Code, existing examination or treatment rooms may be renovated, or replaced, in kind one for one in the renovated space. Such examination or treatment rooms shall have no less than 80 square feet (7.43 m<sup>2</sup>) of clear floor area, the least dimension of which shall be 8 feet (2438 mm).
2. For shelled spaces approved under the 2001 or prior California Building Code as future Emergency Service space, examination or treatment room(s) shall have no less than 80 square feet (7.43 m<sup>2</sup>) of clear area, the least dimension of which shall be 8 feet (2438 mm).

**1224.33.3.7 Trauma/cardiac rooms.** These rooms are for emergency procedures, including emergency surgery, and shall have at least 250 square feet (23.23 m<sup>2</sup>) of clear floor space. A minimum clearance of 5 feet (152 mm) shall be provided around all sides of the procedure table or gurney. Each room shall have cabinets and emergency supply shelves, image viewing capability, examination lights, and counter space for writing. Additional space with cubicle curtains for privacy may be provided to accommodate more than one patient at a time in the trauma room with a minimum clear floor area of 200 square feet (18.58 m<sup>2</sup>) for each patient bay defined by the privacy curtains. There shall be storage provided for immediate access to attire used for universal precautions. Doors leading from the ambulance entrance to the cardiac trauma room shall have an opening with a minimum width of 5 feet (1524 mm). At least one scrub sink shall be located outside the entrance to each trauma room. One scrub station consisting of two scrub positions is permitted to serve two trauma rooms if located next to the entrance of each procedure room. The placement of scrub sinks shall not restrict the minimum required corridor width.

**1224.33.3.8 Orthopedic and cast work.** Provisions may be made in separate room(s) or in the trauma room. At least one orthopedic or cast room shall be provided within the emergency service space. They Provisions shall include storage for splints and other orthopedic supplies, traction hooks, image viewing capability, and examination lights. If a sink is used for the disposal of plaster of paris, a plaster trap shall be provided. The clear floor space for this area shall be a minimum of 180 square feet (16.7 m<sup>2</sup>).

**1224.33.3.9 Poison Control and EMS communications center.** Communication connections

shall be provided as required under Section 1224.33.2.6. The communications center may be a part of the staff work and charting area.

**1224.33.3.10 Emergency equipment storage space.** Equipment and supply storage shall be provided as required under Section 1224.33.2.3.

**1224.33.3.11 Patients' toilet rooms.** A patient toilet room with a lavatory shall be immediately accessible to the treatment room(s). Where there are more than eight treatment stations areas, a minimum of two toilet rooms, with a lavatory in each toilet room, shall be required.

**1224.33.3.12 Storage.** Provide rooms for clean, soiled or used supplies.

**1224.33.3.12.1 Soiled workroom or soiled holding.** See Section 1224.4.4.4.7-14.2-7. This room is for the exclusive use of the emergency service space.

**1224.33.3.12.2 Clean utility room.** See Section 1224.4.4.4.6-14.2-6.

**1224.33.3.13 Administrative center or nurses' station for staff work and charting.** These areas shall have space for counters, cabinets, and medication storage, and shall have convenient access to be provided with handwashing fixtures stations. They may be combined with or include centers for reception and communication.

**1224.33.3.14 Staff lounge.** A staff lounge shall be located within the Emergency Department and include staff clothing change areas with lockers, showers, toilets and handwashing stations for male and female staff.

**1224.33.3.15 Housekeeping room.** A housekeeping room, compliant with Section 1224.4.15, shall be located within the unit and dedicated to the emergency service space directly accessible from the unit.

**1224.33.3.16 Airborne infection isolation exam/treatment room.** If provided shall comply with the requirements of Section 1224.29.1.13-4.1.1-except for separate toilet room, bathtubs or shower.

**1224.33.3.17 Secured holding room.** If provided, shall have at least one holding/seclusion room of 120 square feet (11.15 m<sup>2</sup>). This room shall allow for security, patient and staff safety, patient observation and sound proofing. When a secure holding room is provided, it shall meet the following requirements. The location of the secure holding room(s) shall facilitate staff observation and monitoring of patients in these areas. The secure holding room shall have a minimum clear floor area of 60 square feet (5.57 square meters) with a minimum wall length of 7 feet (2.13 meters) and a maximum wall length of 11 feet (3.35 meters). This room shall be designed to prevent injury to patients:

1. All finishes, light fixtures, vents and diffusers and sprinklers shall be tamper resistant.
2. There shall not be any electrical outlets, medical gas outlets, or similar devices.
3. There shall be no sharp corners, edges, or protrusions, and the walls shall be free of objects or accessories of any kind.
4. Patient room doors shall swing out and shall have hardware on the exterior side of the door only. The minimum width shall be 44 inches (1120 mm).
5. A small impact-resistant view panel or window shall be provided in the door for discreet staff observation of the patient.

**1224.33.4 Comprehensive Emergency Medical Service.** When 24-hour comprehensive emergency service is to be provided, an Emergency Department shall be provided. At a minimum, all the provisions of Stand-by Emergency Service under Section 1224.33.2, the provisions of Basic Emergency Service under Section 1224.33.3, and all of the following shall be provided:

**1224.33.4.1 Triage stations.** In addition to the requirements of Section 1224.33.3.3, the triage area shall include triage station(s) with the following minimum requirements:

1. 100 square feet (9.29 m<sup>2</sup>) minimum clear floor area for each private triage room and 80 square feet (7.4 m<sup>2</sup>) minimum clear floor area for each station in open-bay triage areas.
2. Provisions for patient privacy
3. Handwashing station in each triage room. In open-bay triage areas, one handwashing station shall be provided for every four triage stations.
4. Immediate access to emergency call and code call stations.
5. Medical gas outlets for triage areas in compliance with Table 1224.4.6.1.

**1224.33.4.2 Fast-track area.** A fast-track area may be used for treating patients presenting simple and less serious conditions. If a fast-track area is provided, it shall meet the following requirements:

1. Space requirements – each fast-track station shall have a minimum 100 square feet (9.29 m<sup>2</sup>) of clear floor area
2. Each station shall include a handwashing station, work/documentation counter, examination table light.
3. Storage areas for supplies and medication.
4. A separate procedure room may be provided. It shall have a minimum clear floor area of 120 square feet (11.15 m<sup>2</sup>).

**1224.33.4.3 Pre-screening stations.** A pre-screening area may be used prior to admission to the Emergency Department. If pre-screening is provided, each station must have a minimum of 80 square feet (7.4 m<sup>2</sup>) of clear floor area, a handwashing station, documentation counter, and a storage cabinet. Pre-screening stations, whether private rooms or open bays, are considered a part of the waiting area and must meet the same ventilation requirements.

**1224.33.4.4 Diagnostic service areas.** Radiological/Imaging services shall be readily accessible. The Emergency Department shall be supported by Clinical Laboratory services. A STAT lab may be provided within the emergency medical service space in addition to more comprehensive support provided by the Clinical Lab.

**1224.33.4.5 On-call room(s).** Provisions shall be made to accommodate on-call sleeping room(s) for physicians and/or medical staff within the Emergency Department.

**1224.33.4.6 Police and press room.** Provisions shall be made to accommodate police briefing/debriefing and press releases within the emergency department.

### **1224.33.5 Other space considerations**

**1224.33.45.1 Observation units.** Observation rooms for the monitoring of patients up to 24 hours may be provided as a distinct unit within, the emergency department. If provided the unit shall have the following:

1. Handwashing fixtures stations shall be provided in each patient room or for each four treatment cubicles stations, or major fraction thereof. Handwashing fixtures stations shall be convenient to nurse stations and patient bed care areas.
2. Each patient bed-area station shall have a minimum of 120 square feet (11.15 m2) of clear floor area including space at each bedside for visitors and provision for visual privacy from casual observation by other patients and visitors.
3. One toilet room shall be provided for each eight-six treatment cubicles stations, or major fraction thereof.
4. An administrative center/nurse station, in compliance with Section 1224.4.4.2, positioned to allow staff to observe each patient care station or room.
5. A nourishment area in compliance with Section 1224.4.4.5. sink, work counter, refrigerator, storage cabinets.

### **1224.34 NUCLEAR MEDICINE**

**1224.34.1 General.** If nuclear medicine is provided, the following shall be provided:

**1224.34.1.2 Nuclear medicine room.** Sized to accommodate the equipment and a gurney. Provide a handwashing fixture. When provided, the following facilities shall meet the requirements below:

**1224.34.1.2.1 Scintigraphy (Gamma Camera) Facilities.** Shall include the following:

1. Scanner room. The scanner room shall provide a minimum clearance of 4 feet (1218 mm) at each side and the foot of the table.
2. Handwashing stations shall be provided throughout the gamma camera suite at locations of patient contact and at locations where radiopharmaceutical materials are handled, prepared, or disposed of.

**1224.34.1.2.2 Positron Emission Tomography (PET).** Shall include the following:

1. Scanner room shall provide a minimum clearance of 4 feet (1218 mm) at each side and the foot of the table. Additional space shall be provided when PET is combined with CT, and include compliance with Section 1224.18.3 and shielding requirements in Section 1224.34.1.1.
2. Cyclotron room. Where radiopharmaceuticals are provided on-site, a cyclotron shall be provided. Cyclotron facilities shall be located in access-restricted areas. Shielding requirements for cyclotron facilities shall comply with Section 1224.34.1.1.
3. Control room. A control room shall be provided with a full direct view of the patient in the PET scanner.
4. Patient uptake/cool-down room. A shielded room with access to a dedicated patient toilet, to accommodate radioactive waste, and lavatory shall be provided.
5. Handwashing stations shall be provided throughout the PET suite at locations of patient contact and at locations where radiopharmaceutical materials are handled, prepared, or disposed of.
6. Pre-procedure patient care and recovery area shall be provided to accommodate at

least two stretchers. This area shall comply with Section 1224.34.2.6.

7. Computer equipment room shall be provided in support of the equipment provided.
8. Contaminated (hot) soiled holding shall be provided and operationally integrated to minimize incidental exposure to ionizing radiation.

**1224.34.1.2.3 Single-Photon Emission Computed Tomography (SPECT) Facilities.**

When provided shall include the following:

1. Scanner room. Scanner room shall provide a minimum clearance of 4 feet (1218 mm) at each side and the foot of the table.
2. Control room. A control room shall be provided with a full direct view of the patient in the SPECT scanner.
3. Computer equipment room shall be provided in support of the equipment provided.
4. Handwashing stations shall be provided throughout the SPECT suite at locations of patient contact and at locations where radiopharmaceutical materials are handled, prepared, or disposed.

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**1224.34.2 Support areas for nuclear medicine services. ...**

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**1224.34.2.6 Pre-procedure/Holding area.** A pre-procedure/holding area for patients on gurneys or beds shall be provided out of traffic and under control of staff and may be combined with the dose administration area with visual privacy between the areas.

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**1224.34.2.14 Hot lab for scintigraphy (gamma camera), PET, and SPECT facilities.** A securable area or room shall be provided in which radiopharmaceuticals can be safely stored and doses can be calculated and prepared.

1. A single hot lab shall be permitted to serve multiple scanners and nuclear medicine modalities.
2. The hot lab shall be shielded in compliance with Section 1224.34.1.1.
3. A source storage area, a dose area, and a storage area for syringe shields shall be provided.

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**1224.34.3 Radiotherapy service space.**

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**1224.34.3.3 Room sizes.** Rooms shall be sized as follows:

1. Cobalt rooms and linear accelerators shall be sized in accordance with equipment requirements and shall accommodate a gurney for litter borne patients. Layout shall provide for preventing the escape of radioactive particles. Openings into the room, including doors, ductwork, vents and electrical raceways and conduits, shall be baffled to prevent direct exposure to other areas of the facility.
2. Simulator, accelerator and cobalt rooms shall be sized to accommodate the equipment with patient access on a gurney, medical staff access to the equipment and patient, and service access.

3. Where a table is used, the room shall be sized to provide a minimum clearance of 4 feet (1218 mm) on three sides of the table to facilitate bed transfer and provide access to the patient. The door swing shall not encroach on the equipment or on patient circulation or transfer space.
4. Minimum room size shall be 260 square feet (24.15 m<sup>2</sup>) for the simulator room; 680 square feet (63.17 m<sup>2</sup>), including the maze, for accelerator rooms; 200 square feet (18.58 m<sup>2</sup>) for brachytherapy rooms; and 450 square feet (41.81 m<sup>2</sup>) for cobalt rooms.

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#### **1224.34.5 Additional support areas for cobalt room.**

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**1224.34.5.1 Hot lab.** A hot lab shall be provided in accordance with Section 1224.34.2.14.

**1224.34.6 High dose rate brachytherapy room. ~~High dose rate brachytherapy room.~~ **Radiosurgery suite.**** If radiosurgery (gamma knife/cyber knife) is provided, the following shall be provided:

**1224.34.6.1 General.** The radiosurgery suite shall be located near the imaging services suite to facilitate image acquisition prior to radiosurgery treatment. Location of gamma knife or cyber knife treatment rooms in a radiation therapy suite shall be permitted.

**1224.34.6.2 Radiosurgery treatment rooms.** Radiosurgery (gamma knife/cyber knife) treatment rooms shall provide a minimum clearance of 4 feet (1218 mm) shall be provided on all sides of the treatment table/chair. The door shall not encroach on the equipment or on patient circulation or transfer space. A handwashing station shall be provided in each radiosurgery treatment room.

**1224.34.6.3 Pre-procedure/recovery accommodations.** If provided, pre-procedure/recovery patient care stations shall meet the following requirements:

1. Pre-procedure and recovery area(s) shall be immediately accessible to procedure rooms and separate from corridors. The pre-procedure and recovery patient area or room shall be arranged to permit visual observation of the patient by staff before and after the procedure. Bays, cubicles, or single-bed rooms shall be permitted to serve as patient care stations.
2. Area. Where open bays are used, each patient care station shall have a minimum clear floor area of 80 square feet (7.43 m<sup>2</sup>).
3. Clearances. Each bay or cubicle shall have a minimum clearance of 3 feet (914 mm) between walls or partitions and the sides and foot of gurneys or patient beds. Each bay shall have a minimum clearance of 4 feet (1218 mm) between sides of gurneys or patient beds.
4. Patient privacy. Provisions such as cubicle curtains shall be provided for patient privacy.
5. Handwashing station. A handwashing station shall be provided within the pre-procedure/recovery area.

**1224.34.6.4 Support areas for radiosurgery treatment rooms.** The following shall be provided:

1. Space for sterilization of head-frames
2. Area for target planning
3. Medication station
4. Nourishment area
5. Head-frame storage

6. Toilet room(s) for patients, staff and the public

7. Area for sedation of pediatric patients

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**1224.39 OUTPATIENT SERVICE SPACE. ...**

**1224.39.4 CANCER TREATMENT/INFUSION THERAPY SERVICE SPACE. ...**

**1224.39.5 HYPERBARIC THERAPY SERVICE SPACE.**

**1224.39.5.1 General.** *If provided, clinical hyperbaric oxygen therapy service space shall meet the requirements of the "Hyperbaric Facilities" chapter in NFPA 99: Health Care Facilities Code and shall comply with the following:*

**1244.39.5.2 Hyperbaric chambers.**

**1224.39.5.2.1 Class A chamber (multi-place facilities).**

1. **Clearances.** *There shall be a minimum clearance of 3 feet (914 mm) around the chamber. The area in front of the chamber entry designed for gurney or bed access shall have a minimum clearance of 8 feet (2438 mm) for gurney or bed approach. The area in front of the chamber entry designed for ambulatory or wheelchair access only shall have a minimum clearance of 5 feet (1524 mm) for wheelchair approach.*
2. **Entries.** *Chamber entries shall be provided with access ramps that are flush with the chamber entry doorway. Chamber entries not designed for gurney/bed access shall be a minimum of 3 feet (914 mm).*

**1224.39.5.2.2 Class B chamber. (mono-place facilities)**

1. **Clearances.** *There shall be a minimum clearance of 3 feet (914 mm) around the chamber. A minimum clearance of 44 inches (1118 mm) shall be provided between the control sides of two chambers. The area in front of the chamber entry shall be designed for gurney or bed access with a minimum clearance of 8 feet (2438 mm) shall be provided for gurney or bed approach.*
2. **Oxygen.** *An oxygen service valve shall be provided for each chamber.*

**1224.39.5.3 Pre-procedure patient holding area(s).** *In facilities with a Class A hyperbaric chamber or with three or more Class B chambers, a pre-procedure/patient holding area shall be provided to accommodate patients on gurneys or beds and sitting space for ambulatory patients. The area shall permit visual observation of the patient by nursing staff and be located out of traffic flow. Each gurney station shall be a minimum clear floor area of 80 square feet (7.43 m<sup>2</sup>) and shall have a minimum clearance of 3 feet (914 mm) on the sides of the gurneys and the foot of the gurney. There shall be provisions for privacy such as cubicle curtains.*

**1224.39.5.4 Medical gas station outlets.** *Refer to Table 1224.4.6.1 Station Outlets for Oxygen, Vacuum (Suction) and Medical Air.*

**1224.39.5.5 Support areas for the hyperbaric suite.**

**1224.39.5.5.1 Reception/control desk.** *An administrative center/nurse station shall be provided within the hyperbaric suite.*

**1224.39.5.5.2 Examination/treatment room(s).** *Room(s) for individual consultation and treatment shall be provided and meet the requirements of Section 1224.4.4.1.*

**1224.39.5.5.3 Clean linen storage.** *A clean linen storage area shall be provided. This may be within the clean utility room, a separate closet or an approved distribution system. If a closed cart system is used, storage may be in an alcove. It must be out of the path of normal traffic and under staff control.*

**1224.39.5.5.4 Clean supply room.** *A clean supply room shall be provided and meet the requirements of Section 1224.4.4.6.1. This room may be omitted if the suite is served by a cart system.*

**1224.39.5.5.5 Gas cylinder room.** *The gas cylinder room shall provide space to house eight (H) cylinders and two gas manifolds, consisting of at least two (H) cylinders on each manifold.*

**1224.39.5.5.6 Gurney and wheelchair storage.** *Space for gurney and wheelchair storage shall be provided.*

**1224.39.5.5.7 Housekeeping room.** *A housekeeping room shall be provided and shall be immediately accessible to the hyperbaric suite.*

**1224.39.5.5.8 Compressor room.** *A compressor room shall be provided to house the chamber compressors, accumulator tanks and fire suppression system.*

**1224.39.5.6 Support areas for staff.** *Toilet rooms with a handwashing stations shall be immediately accessible to the hyperbaric suite for staff use.*

**1224.39.5.7 Support areas for patients.**

**1224.39.7.1 Patient waiting area.** *The patient waiting area shall be provided and meet the requirements of Section 1224.39.1.*

**1224.39.5.7.2 Patient changing rooms.** *Changing room(s) for outpatients shall be provided for patient clothing and for securing valuables.*

**1224.39.5.7.3 Patient toilet room.** *A patient toilet room with a handwashing station shall be directly accessible to the hyperbaric suite.*

## NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 18949.3, 129790 and 129850; Government 11152.5

Reference: Health and Safety Code Section 129850

**SECTION 1225 [OSHPD 2]  
SKILLED NURSING AND INTERMEDIATE-CARE FACILITIES**

...  
**1225.5 SKILLED NURSING UNIT MODELS. ...**

**1225.5.1 MEDICAL MODEL**

**1225.5.1.1 General construction....**

**1225.5.1.2 NURSING SERVICE SPACE.**

**1225.5.1.2.1 Patient bedrooms....**

**1225.5.1.2.2 Bed clearance.** *The dimensions and arrangement shall be such that ~~A~~ a minimum distance of 3 feet (914 mm) shall be provided between the sides and foot of the beds and any wall or any other fixed obstruction. In multiple-bed rooms a minimum clearance of 3 feet (914 mm) shall be provided between beds and the clearance between the foot of beds and wall or fixed objects shall be increased to 4 feet (1219 mm) between the foot of beds and walls or fixed objects to permit the passage of equipment and beds., in multi-patient rooms, and 3 feet (914 mm) in single-patient rooms.*

NOTATION:

Authority: Health and Safety Code Sections 1275, 18928, 18949.3 and 129850; Government 11152.5

Reference: Health and Safety Code Section 129850

**SECTION 1226 [OSHPD 3]  
CLINICS**

...

**1226.4 General construction.** Clinics and outpatient clinical services under a hospital license shall comply with the following provisions wherever applicable. ...

**1226.4.2.3 Hyperbaric facilities.** When provided, refer to Section 1224.4.6.3.

...

**1226.5 OUTPATIENT CLINICAL SERVICES OF A HOSPITAL.**

...

**HYPERBARIC THERAPY**

**1226.5.14 Hyperbaric therapy service space.** When provided, hyperbaric therapy service space shall comply with Section 1224.39.5 and the provisions of this section:

**1226.5.14.1 General.** Refer to Section 1224.39.5.1.

**1226.5.14.2 Treatment area.**

**1226.5.14.3 Hyperbaric chambers.** Refer to Section 1224.39.5.2.

1226.5.14.4 Pre-procedure patient holding area(s). Refer to Section 1224.39.5.3.

1226.5.14.5 Medical gas station outlets. Refer to Section 1224.39.5.4.

1226.5.14.6 Support areas for the hyperbaric suite. Refer to Section 1224.39.5.5.

1226.5.14.6.1 Reception/control desk. Refer to Section 1224.39.5.5.1.

1226.5.14.6.2 Examination/treatment room(s). Refer to Section 1224.39.5.5.2.

1226.5.14.6.3 Clean linen storage. Refer to Section 1224.39.5.5.3.

1226.5.14.6.4 Clean supply room. Refer to Section 1224.39.5.5.4.

1226.5.14.6.5 Gas cylinder room. Refer to Section 1224.39.5.5.5

1226.5.14.6.6 Gurney and wheelchair storage. Refer to Section 1224.39.5.5.6.

1226.5.14.6.7 Housekeeping room. Refer to Section 1224.39.5.5.7.

1226.5.14.6.8 Compressor room. Refer to Section 1224.39.5.5.8.

1226.5.14.7 Support areas for staff. Refer to Section 1224.39.5.6.

1226.5.14.8 Support areas for patients. Refer to Section 1224.39.5.7.

1226.5.14.8.1 Patient waiting area. Refer to Section 1224.39.5.7.1.

1226.5.14.8.2 Patient changing area. Refer to Section 1224.39.5.7.2.

1226.5.14.8.3 Patient toilet room. Refer to Section 1224.39.5.7.3.

...

## **PRIMARY CARE CLINICS**

**1226.6 PRIMARY CARE CLINICS.** Primary care clinics and outpatient clinical services of a hospital providing services equivalent to a primary care clinic shall comply with Sections 1226.4.3 through 1226.4.8 and the provisions of this section.

### **1226.6.1 Examination and treatment areas.**

**1226.6.1.1 Examination room(s).** Refer to Section 1224.4.4.1

**1226.6.1.2 Treatment room(s).** Treatment room(s) for minor procedures (e.g. surgical procedures, casting), if provided, shall have a minimum area of 120 square feet (11.15 m<sup>2</sup>), the least dimension of which shall be a minimum of 10 feet (3048 mm), excluding such spaces such as vestibules and work counters, and shall meet the requirements in Section 1224.4.4.1.

**1226.6.1.3 Dental examination and treatment areas.** When provided, the examination and treatment space shall be permitted to be a room or a patient care station in an open treatment area.

**1226.6.1.3.1 Area.** *The treatment space shall have a minimum clear floor area of 80 square feet (7.4 m<sup>2</sup>). This space is required for each station in an open operator or treatment area. A minimum of 3 feet (915 mm) clearance shall be provided along the full length of one side of the chair, the head of the chair, and between the cuspidor and the head of the chair on the other side for assisting dental staff.*

**1226.6.1.3.2 Pediatric patients.** *At least one private consultation/treatment room shall be provided when pediatric patients are treated in a facility.*

**1226.6.1.3.3 Handwashing.** *Each treatment room shall include a handwashing station. If treatment is provided at stations in an open operator, a handwashing station may be permitted to serve two treatment stations.*

**1226.6.1.3.4 Imaging.** *If provided, space for a dental panoramic x-ray system and printer shall also comply with shielding requirements in Section 1226.5.5.2 and alcove requirements in Section 1224.18.1.1.*

**1226.6.1.4 Oral surgery.** *When provided, treatment areas for procedures for which general anesthesia is used, shall comply with the requirements in Section 1226.8.*

## **1226.6.2 Support areas for examination rooms.**

**1226.6.2.1 Administrative center or nurse station.** *Refer to Section 1226.4.13.1.*

**1226.6.2.2 Medication station.** *Refer to Section 1226.4.13.2.*

**1226.6.2.3 Clean utility room.** *Refer to Section 1226.4.13.3.*

**1226.6.2.4 Soiled workroom or soiled linen holding.** *Refer to Section 1226.4.13.4.*

**1226.6.2.5 Consultation room.** *Dental facilities must provide a consultation room for private conferences with patients.*

**1226.6.2.6 Sterilization facilities.** *If provided, the sterile processing room shall consist of a decontamination area and a clean work area. The sterile processing room shall be designed to provide one-way flow of contaminated materials/instruments to the sterilizer equipment.*

**1226.6.2.6.1 Decontamination area.** *The decontamination area shall be equipped with the following:*

1. Countertop
2. Handwashing station separate from the instrument washing sink
3. Sink for washing instruments. *To avoid splash, the decontamination sink shall be separated from the clean work area by either a 4-foot distance from the edge of the sink or a separating wall or screen. If a screen is used, it shall extend a minimum of four feet (1220 mm) above the sink rim*
4. Storage for supplies

**1226.6.2.6.2 Clean work area.** *The clean work area shall be equipped with the following:*

1. Countertop
2. Sterilizer as required for the services provided
3. Handwashing station
4. Built-in storage for supplies.

**1226.6.2.7 Laboratory.** *Facilities for laboratory services shall be provided in dental facilities or through a contract arrangement with a laboratory service.*

**1226.6.3 Support areas for patients.****1226.6.3.1 Patient toilet room(s).** Refer to Section 1226.4.14.1.**1226.6.3.2 Specimen collection and/or blood collection facilities.** When provided, refer to Section 1224.4.4.2.

...

**SURGICAL CLINICS****1226.8 SURGICAL CLINICS. ...****1226.8.1 Outpatient surgical service space.****1226.8.1.1 Operating room(s).** Refer to Section 1224.39.2, Item 1.**1226.8.1.2 ~~Preoperative patient holding~~ Perioperative services.** Provide preoperative patient holding and post-anesthesia recovery area. Refer to Section ~~1224.15.2~~ 1224.16**1226.8.1.3 ~~Post-anesthesia recovery area.~~** Refer to Section 1224.16.

## NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government 11152.5

Reference: Health and Safety Code Section 129850

**CHAPTER 13  
ENERGY EFFICIENCY**

Entire Chapter not adopted for OSHPD 1, 2, 3, &amp; 4

## NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government 11152.5

Reference: Health and Safety Code Section 129850

**CHAPTER 14  
EXTERIOR WALLS**

Adopt entire 2015 International Building Code (IBC) Chapter and carry forward existing amendments of the 2013 California Building Code (CBC) for OSHPD 1, 2 &amp; 4.

## NOTATION:

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

Reference: Health and Safety Code Section 129850

**CHAPTER 15  
ROOF ASSEMBLIES AND ROOFTOP STRUCTURES**

Adopt entire 2015 International Building Code (IBC) Chapter and carry forward existing amendments of the 2013 California Building Code (CBC) for OSHPD 1, 2 &amp; 4.

## NOTATION:

Authority: Health and Safety Code Sections 1275, 18928, 129790 and 129850; Government 11152.5

Reference: Health and Safety Code Section 129850