



Family Area

Concept Statement

Cliff Haven's recovery care suite, located in Santa Monica, California, is a prototype patient room connecting patients back to their homes by changing the patient room from a clinical environment to a personal bedroom. The patient and family require a safe and familiar environment without the distractions of a working healthcare facility while allowing the family to interact comfortably.

The room will be designed with a focus on three separate zones: clinical, patient, and family. Cliff Haven's suite will define these zones by using the interior architecture to separate the space without disconnecting the occupants and allow them to coexist comfortably. A muted color palette will help reduce stress and create a calming effect. The use of sustainable materials, in Cliff Haven, are intended to have a positive impact on the quality of health care being delivered, while also minimizing environmental impact. When the elements of people and place are considered, the result can be a patient room that connects people and information effectively, empower patients, promote healing, and support the wellbeing of everyone who occupies the room.



Entrance

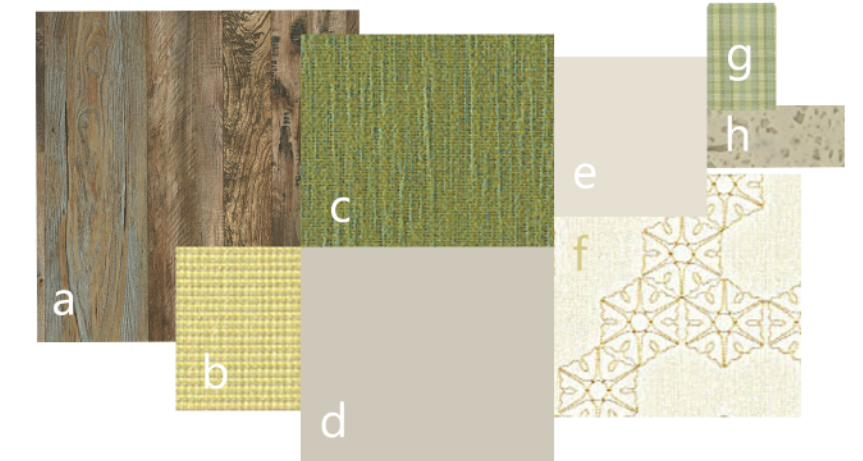
Goals

Assimilate the family culture into a hospital room, by changing the environment from a clinical setting to a personal bedroom.

Enhance family interaction with patients using an effective space plan that improves family occupancy in a home-like environment.

Adapt a solution for technology to increase safety, educate and empower patients, simplify workflow, and enable occupants to connect with the outside world.

Evolve the Institutional approach to design and incorporate sustainable materials to improve patient care and health environments.



- a** Laminate Flooring -Woodland Reclaim/Textured Timbers - Meets LEED® EQ Credit: Low Emitting Interiors
- b** Flashback A - Carnegie - Anti Bacterial Cleaning Code WS & BC-Water/Solvent & Bleach Cleanable 1,000,000 Double Rubs ECO Info Cradle-to-Cradle Silver Certified by MBDC
- c** Gossip - Carnegie - Anti Bacterial Cleaning Code WS & BC-Water/Solvent & Bleach Cleanable Durability No wear 150,000 Double Rubs
- d** Sherwin-Williams - Shoji White
- e** Sherwin Williams - Worldy Gray
- f** Genome Embroider - Carnegie - Anti Bacterial Cleaning Code: WS & BC-Water/Solvent & Bleach Cleanable 200,000 Double Rubs ECO Info: Cradle-to-Cradle Silver Certified by MBDC
- g** KnollTextiles - Passages in Aspen Leaf
- h** HanStone Quartz - Clamshell

Research Summary

"Patient-and family-centered care is not a new concept. It is an innovative approach to the planning, delivery, and evaluation of health care grounded in mutually beneficial partnerships among health care providers, patients and families" (Abraham, 44). Understanding the many activities that occur in patient rooms is the basis of people-centered, evidence-based design solutions. A patient room must offer personal control and privacy as well as intimacy for patients while providing for human interaction. "This philosophy recognizes the importance of the family unit, to the patient's life, and contributes to the well-being of the patients recovery" (Nussbaumer, 202). "The room is a temporary home for a healing patient. It is a home base for visitors and family, and it is a workspace for clinicians who need quick and unencumbered access to deliver care" (Steelcase, 60).

The family-centered design approach should significantly impact the way care is conceived, organized, and delivered. Hospitals focus on redesigning patient rooms by shifting away from traditional hospital designs. Single occupancy patient rooms are increasing in size "because they are designed with zones for patients, staff and families to exist side-by-side comfortably" (Nussbaumer, 204). This additional space provides safety features which reduce infections, patient falls, medication errors, and staff injury (Nussbaumer, 204). "Patients sharing rooms provide doctors with less critical information" (Nussbaumer, 204).

Hospitals are considered places of healing for patients. Incorporating sustainable medical supplies and materials can benefit ailing patients. Creating a greener health care facility is as much about ensuring the health and safety of hospital employees and providing a great work environment as it is about delivering quality and cost-efficient patient care. Integrated technology supports communication, teaching, and learning. Architects, Interiors designers, and other design professionals can incorporate these principles and strategies of patient-and-family-centered care to improve the built environment and thereby contribute to and improve outcomes of greater safety, higher satisfaction, and cost efficiencies when designing a hospital facility.

Works Cited:

Abraham, Marie, and Julie G. Moretz. "Implementing Patient-and Family-Centered Care: Part 1 - understanding the Challenges." *Pediatric Nursing* 38.1 (2012): 44-47. Print.

Nussbaumer, Linda L. "Healthcare Design." *Evidence-based Design for Interior Designers*. New York: Fairchild, 2009. 202-05. Print.

Steelcase "Time for Change:New Solutions for Healthcare Places." *Steelcase: Insights + Applications Guide* 1: 60-61. Steelcase Health. Steelcase Inc., 2014. Web. 8 Dec. 2014. <<http://www.steelcasehealth.com/wp-content/uploads/2014/05/Steelcase-Health-Time-for-Change-Insights-and-Applications-Guide.pdf>>.



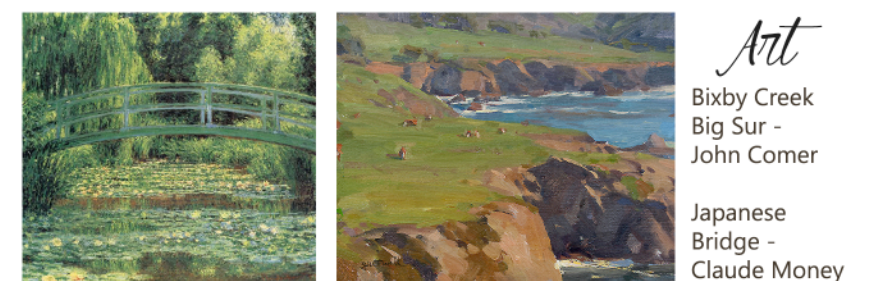
Patient Room



Site Profile:
Cliff Haven is located in Santa Monica, California. The hospitals patient rooms are eastern facing for optimal daylight usage to engage patients with natural light during their recovery process. The experience of a classic bedroom came from the design characteristic of the classic California beach cottages located in this area.



Family Area



Art
Bixby Creek Big Sur - John Comer
Japanese Bridge - Claude Money

Furniture



- A SteelCase Double X-tenz Sleeper
- B SteelCase Overbed patient and clinical table
- C SteelCase X-tenz sleeper and recliner
- D SteelCase Park patient beside table
- E SteelCase Pocket maneuverable cart

Technology



- 1 SteelCase MediaScope: digital technology makes sharing medical information seamless. And, by providing video capability, it's also more effective than a traditional phone
- 2 SteelCase Room Wizard: Allows clinicians to see patient information and allow patient to control room settings; lighting and shade devices.
- 3 Philips HealWell Dynamic white light: ceiling modules that provide daylight rhythm with varying light levels and warmer or cooler light, as well as adequate examination light for staff.
- 4 Mecho/5 Shade: manual and motorized shade, cradle to cradle shade cloth-wrapped fascia material properties.



Single Occupancy Same-Handed Rooms
All equipment in each hospital room is located in exactly the same place, so doctors and nurses can instinctively reach for needed supplies no matter what room they are in or what unit they are on.



Proposed Floor-Plan



The Clinical Zone is designed to provide easy access to the patient, maximize staff efficiency so the caregiver can focus their full attention on the patient.

The Patient Zone is designed to help the patient heal, reduce anxiety, make the patient feel comfortable, and provide privacy and control without being disconnected.

The Family Zone is designed to make family members feel at home by maximizing their comfort. This zone engages family members allowing them participation in the healing process.



X-tenz & Double X-tenz are uniquely designed sleepers provide attractive seating to accommodate guests in patient rooms – and a full length sleeping surface when needed.

The rooms have extra space to accommodate visiting family members and friends, with a kitchette and table for eating or work surface. A foldout sofa, and chair accommodate up to 3 overnight guests.

Sink location placed so patients can see whether doctors and nurses are washing their hands properly.



The patient's bathroom has an easily accessible shower to allow staff to assist in bathing and meets ADA codes.

For patient safety, there are handrails between the bed and the bathroom to minimize the chance of falling, while giving the patient a sense of control without needing help walking to the restroom..

Furniture-Plan
TOTAL SQFT: 450

Rooms were designed with large windows to give patients and visitors a view of the outdoors. With additional access to natural light



Built in with bench seating for visitors and families to participate and interact during the patients recovery process and increase the well being of the patient.

Elevation

Integrate workspace and dining area allow for family and visitors to include themselves in their daily tasks without having to leave or disrupt the patient.



Elevation

Features include:

Recessed Clinical Information Center where doctors and nurses can easily and promptly obtain critical patient information and perform patient charting.

Nurse Task Center. This station highlights staff efficiency and infection control as it allows all caregivers access to wash their hands, store routine equipment, leave messages on a white board as well as providing ample space for additional items needed by the caregiver.

Prescription Drug "Lockboxes" were placed in each room. Pharmacists can drop off medications, from the exterior of the room, into the lockboxes, and nurses access them from inside the room to distribute to the patient, efficiently.

Lighting Concept

The room lighting, reading lights, window shades, lamps, television, and nurse call function are all controlled by the patient with the Steelcase MediaScope. Research shows that the patients' increased ability to control the functions of their room reduces anxiety and stress.

The Philips HealWell Dynamic light, located above the patients bed is a unique lighting solution that addresses the different needs of its users at all times, day and night, using an intelligent networked system.

It provides the benefits of natural daylight by compensating for the lack of sunlight entry and mimicking the gradual changing natural light on a sunny day. HealWell supports the healing environment, with evidence on improved sleep duration & mood, as well as patient- and staff satisfaction.



Kitchenette



Patient Area/ Kitchenette

Cure sometimes, treat often, comfort always.
-Hippocrates