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, empowers patients, promotes healing, and support the wellbeing of everyone who occupies the room.

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.

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” (Nussbaum, 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” (Stedil, 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” (Nussbaum, 204). This additional space provides safety features which reduce infections, patient falls, medication errors, and staff injury (Nussbaum, 204). “Patients sharing rooms provide doctors with less critical information” (Nussbaum, 204).

Hospitals are considered places of healing for patients. Incorporating sustainable medical supplies and materials can benefit illing 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, interior 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.

Site Profile

Cliff Haven is located in Santa Monica, California. The hospital 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.

Art

Australian Cloud - Claudia Money

Japanese Bridge - John Corner

Bali Creek - Big Sur
**Furniture**

- Steelcase Double X-tenz Sleeper
- Steelcase Overbed patient and clinical table
- Steelcase X-tenz sleeper and recliner
- Steelcase Pocket maneuverable cart

**Technology**

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**Steelcase MediaScape** digital technology makes sharing medical information seamless. And, by providing video capability, it’s also more effective than a traditional phone.

**Steelcase Room Wizard** allows clinicians to see patient information and allow patient to control room settings: lighting and shade devices.

**Philips HealWell Dynamic white light**: ceiling modules that provide a daylight rhythm with varying light levels and warmer or cooler light, as well as adequate examination light for staff.

**MechoShade** manual and motorized shade, cradle to cradle shadecloth-wrapped fascia material properties.

**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. Pharmacist 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 patient’s bathroom has an easily accessible shower to allow staff to assist in bathing and meets ADA codes.

**Elevation**

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

**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.

**The Clinicial 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.

**The Houses** are uniquely designed to accommodate guests in patient rooms and a full length sleeping surface when needed.

**Proposed Floor Plan**

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

**Furniture Plan**

TOTAL SQRFT: 450

**Kitchenette**

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.