REHAB BASEL

Centre for Spinal Cord and Brain Injuries
Herzog & de Meuron Team
Basel, Switzerland
“The client’s express wish, from the beginning, was not to have the new REHAB centre look or feel like a hospital.....[the solution was a] multifunctional, diversified building, almost like a small town with streets, plazas, gardens, public facilities, and more secluded residential quarters where people take different paths to move from A to B. We have tried to create surroundings that allow the patients as much autonomy as possible.”

–Herzog & deMeuron
Circulation

Main Entrance
Primary Circulation
Secondary Circulation
Vertical Circulation
Public vs Private

Public

Private

Roof

First

Second
Distinct courtyards with their own personalities not only bring in natural light but also act as visual cues and landmarks which are key to orienting oneself in a space.
Section Organization

- Low rise structure
- Patient beds located on the 2nd floor, each with a balcony
- Balcony shades, walkway below
- Elevators are the main source of vertical circulation
- Other rooms are built around interior courtyard to maximize daylight and minimize footprint

Figure 8.59 Section through patient room. Source: Copyright © Herzog & de Meuron
Section Organization

1. Green Roof
2. Insulation
3. Corrugated acrylic sheet
4. Wood cladding
5. Glass
6. Concrete Slab
7. Insulation
8. Wood deck
9. Plexiglas dowels
10. Wood dowels
Building / Landscape Relationships

- Garden architecture
- Surrounded with trees and native landscape
- Located in the suburban outskirts of Basel
- Nature introduced in the building through the interior courtyards
Building / Landscape Relationships

- Balconies off patient rooms are large enough to accommodate patient beds
- Every patient room has a large window
- 6’-6” skylights in patient rooms
- Green roof that can be seen at the 3rd floor
Façade
Façade

Materials
• Screen – slender oak rods with Plexiglas dowels
• Exterior walls – Glass, larch, and pine panels

Function
• Verandas allow for full windows in patient rooms without solar heat gain
• Wood screen acts a visual barrier and helps with heat gain and glare
Façade

1. Green Roof
2. Insulation
3. Corrugated acrylic sheet
4. Wood cladding
5. Glass
6. Concrete Slab
7. Insulation
8. Wood deck
9. Plexiglas dowels
10. Wood dowels
Evidence Based Design

- Improved quality and safety of healthcare delivery through monitoring stations and life training
- Focusing on patients and families through non-dedicated flexible spaces and a diversified program