Rehabilitation Center for Spinal Cord Injury

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1. Research on SCI Rehabilitation
Timeline after SCI happens:

- **Different phases:**
  - Acute phase
  - Rehabilitation phase
  - Chronic phase

- **Duration:**
  - 31 days
  - 6.5 months
  - several years

- **Accommodation:**
  - Hospital
  - Rehabilitation center
  - Home

Research on SCI Rehabilitation
Research on SCI Rehabilitation

Physical therapy

Occupational therapy

Sports
A SCI rehabilitation center should "facilitate SCI patients as much as possible to function independently and help them re-integrate into normal communities with their new identity".
2. Site Analysis
Site Analysis

[Map of the site]

[Images of the site in the 1930s and now]

1930s

Now
Site Analysis

New Plan of Park by West 8
Site Plan
Site Plan
3. Program and General Organisation
Program and General Organisation

functions: therapy/medical care  sports  shop/restaurant/cafe

user group: in/out patients  in/out patients  in/out patients

- public (in the evening)

- public
Program and General Organisation

functions: therapy/medical care  sports  shop/restaurant/cafe
user group: in/out patients  in/out patients  in/out patients
staff  public(in the evening)  public
Program and General Organisation
4. Materialization and Atmosphere
Materialization and Atmosphere

**Interior**

First Floor

Ground Floor
Materialization and Atmosphere

In-patient

Public/Out-patient
Materialization and Atmosphere
Materialization and Atmosphere
Materialization and Atmosphere
Materialization and Atmosphere

Elevator Hall
Materialization and Atmosphere
Materialization and Atmosphere
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Swimming Pool
Exterior

Materialization and Atmosphere
Materialization and Atmosphere
Materialization and Atmosphere
Materialization and Atmosphere
Materialization and Atmosphere
Materialization and Atmosphere
5. Construction
load-bearing elements
load-bearing elements
load-bearing elements
beam and floor span
Fragment

9000mm
6. Climate
Entrance Hall