



Center for Rehabilitation Rainbow Adapted Park



Tijuana, Baja California

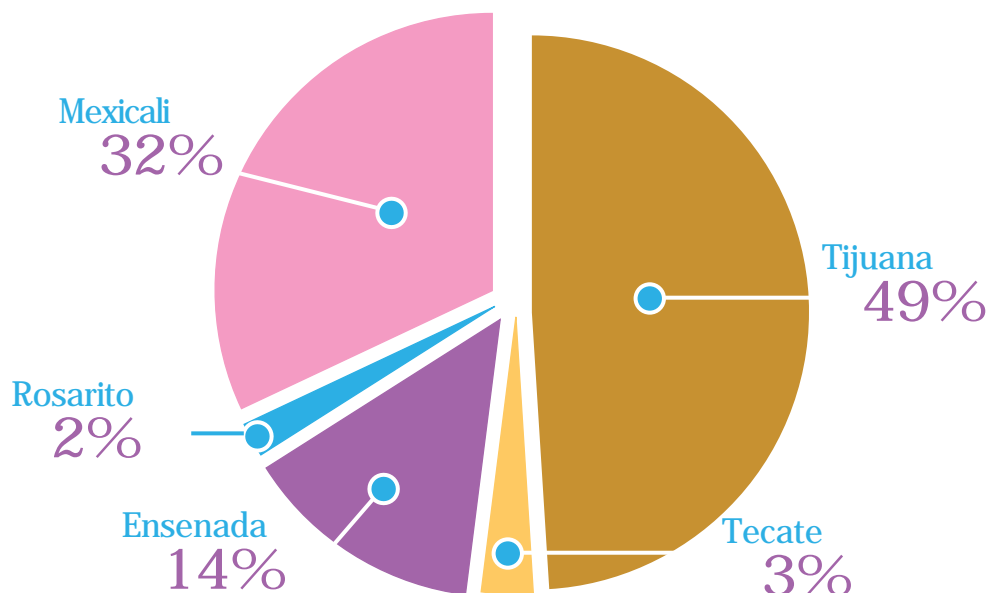
Background

Baja California is a young state that has confronted important population changes in more than 50 years, duplicating its population in a period less than half the nation's population growth and by that, is facing a transformation from a rural state, into a city that 92% of its population now lives in the urban zone.

Counting with the highest nationwide migratory flow, our communities grow with the highest proportions than the rest of the country, to mention some communities like Playas de Rosarito and Tijuana, the rhythm of growth is from 8.3% and 5.5% annually. This accelerated growth generated a series of social conditions that require priority attention from the different government facilities and requires the immediate involvement from the organized civil society.



Disabilities in Baja California:



Our Mission

To offer a better quality of life for persons with disabilities and family members by offering a specialized attention with specialized personnel and installations.



Justification

Actually in Baja California we count with 2 mobile units for rehabilitation, three basic units located in Ensenada, San Quintin, Rosarito and a Rehabilitation Center in Mexicali. These are figures below half the nation's alert and providing insufficient consultations for the needs of the population. Only in the community of Tijuana it represents 50.6% of the states population and 48.5% of the population have a disability. This indicates the urgent need to put our efforts on the coast of our entity.

For this reasons we have developed a project to construct the Center for Rehabilitation and Integrity and the Rainbow Park in Tijuana. Therefore, we would satisfy the populations demand in the coast.

Center for Rehabilitation in Tijuana



General Objective

To offer a vanguard space for persons with disabilities where they can obtain services such as detection, diagnose, attention; also, offering social reintegration.

Specific Objectives:

- 1.To offer different options of rehabilitation for persons with mobile, visual, auditive, neurological, and learning disabilities with modern installations and specialized personnel.
- 2.To offer specialized attention to patients referred from the DIF Systems, The Basic Units and The Mobile Units.
- 3.To lend Telemedicine services that requires specialized attention in the communities where the basic rehabilitation units are installed.
- 4.To establish programs that promotes the social reintegration of a person with disabilities.
- 5.To establish programs that incorporates all the family members in the process of rehabilitation and to reintegrate all persons with disabilities.
- 6.To count with a statewide attention to persons with disabilities counting with three Rehabilitation Mobile Units, three Basic Rehabilitation Units and two Rehabilitation Integrity Centers, one would be in Mexicali and the new project in Tijuana.
7. To benefit almost 120,000 families in Tijuana, Tecate, Rosarito and Ensenada of which at least one family member has a disability.

Areas of attention

Specialized Medical Consultation

Rehabilitation Consultation

Human Communication Consultation

Ophthalmology Consultation

Rehabilitation Therapy

Mecanotherapy

Hydrotherapy

Electrotherapy

Center of Adapted Technology

Neurological Therapy

Social Work

Psychological Attention

Individual

Group

Family

Occupational Therapy

Orthesis Shop



Snoozly

This space offers a therapy of neurological stimulation developed in Europe. In the beginning, this space was developed to offer attention only to adult patients with Alzheimer and Parkinson, in which permits the patients being treated under this therapy experiment different visual, hearing stimulation that permits them reach important levels of relaxation therefore, facilitating the therapeutic process.

Equipo requerido

| Equipment | Quantity | Objective | Costo |
|---|---------------------------------|--|----------|
| Interactive panels | 6 | Tactic, Visual and Hearing Stimulation | \$90,000 |
| Cushioned walls | 4 | Tactic Stimulation and Patient Safety | \$10,000 |
| Fiber optic | 2 | Visual Stimulation and Fine Coordination | \$18,000 |
| Bubble lamp with control box | 2 | Visual Stimulation | \$32,000 |
| Hand texture set | 4 | Motor Stimulation | \$15,000 |
| Mirrored sphere for effects | 1 | Visual Stimulation | \$8,000 |
| Projection canyon with rotating base and effect balls | 1 canyon, 1 base, 6 balls | Visual Stimulation | \$41,000 |
| Aroma diffuser with aroma set | 1 | Smell Stimulation | \$8,000 |
| Cushioned couch | 4 | Patient Positioning | \$9,000 |
| Texture panel | 3 | Tactic Stimulation | \$9,000 |
| Black light with electronic regulator | 1 | Visual Stimulation | \$18,000 |
| Luminous carpet | 4 | Visual and Tactic Stimulation | \$13,000 |
| Ambiance audio equipment | 1 | Auditory Stimulation | \$20,000 |

Total: \$291,000.00

Rainbow Adapted Park

General Objective

To serve children and adolescents with any visual, mobile, hearing, intellectual disability by developing a learning procedure through different physical activities, social and recreational activities based on pedagogic methods.

Specific Objective

1. To complement the process of rehabilitation through recreational activities
2. To offer a large space where the disabled person and family members can feel at home.
3. To foment the development of new abilities and adeptness to take children and adolescents with disabilities into an independent life.
4. To offer an educational system specialized in special education and enough space where they can develop the integral growth of children and adolescents with disabilities.



Areas of attention

- To develop manual and adeptness abilities
- Language stimulation
- Corporal control activities
- Tactical and sensorial stimulation
- Socialization area
- Pedagogy area
- Recreational area
- Expression activities



Playground I

The swings represent stimulation and enjoyment that permits a better neck and back stability making better work process. Also, favoring the adaptation conduct of new space environment and movements.

| Equipment | Quantity | Cost |
|--|----------|---------------|
| Module with 6 regular swings | 1 | \$ 28,000.00 |
| Module with 5 adapted swings | 1 | 36,000.00 |
| Module with 5 swings Pendulum style | 1 | 47,000.00 |
| Module with 2 swings adapted by 2 plazas | 1 | 32,000.00 |
| Monkey bars with suspension equipment | 1 | 52,000.00 |
| TOTAL | | \$ 195,000.00 |

Ball Pool

This is a space where related psychomotor activities are performed, in which through the introduction to color, forms, sizes and ball-relaxation massages, the specific location in need is stimulated by fortifying the lower and upper membranes, the muscular tone and the motor coordination. This space promotes the recreation by permitting enough space to play freely, favoring all the internal emotional process.

| Equipment | Quantity | Cost |
|---|----------|--------------|
| Ball set with basic colors | 4000 | \$ 10,000.00 |
| Pool of 5.8 m of diameter with a height of 26.5 m2 with a perimetrical net for safety | 1 | 52,000.00 |
| TOTAL | | \$ 62,000.00 |

TOTAL COST OF PROYECT \$ 257,000.00

Playground II

In this space we foment the activities of coordination such as equilibration, balance and stretching of the muscles. Also, we can work on coordination of visuomotor and socialization skills.

| Equipment | Quantity | Cost |
|--|----------|---------------|
| Module with 4 mountable figures with a spring system | 1 | \$ 76,000.00 |
| Module with 5 double slides and with return ramps | 1 | \$56,000.00 |
| TOTAL | | \$ 132,000.00 |

Escalator

| Equipment | Quantity | Cost |
|---|----------|---------------|
| Module covered in grass with an elevation of 1.2m, with two fiberglass slides | 1 | \$ 90,000.00 |
| TOTAL | | \$ 132,000.00 |

Jumper

| Equipment | Quantity | Cost |
|--|----------|--------------|
| Jumper, 19m2 height with support removable bars. | 1 | \$25,000.00 |
| TOTAL | | \$ 25,000.00 |

COSTO TOTAL DEL PROYECTO \$ 247,000.00