

Sakarya Yenikent State Hospital

Marmara, Turkey



Client

Ministry of Labor and Social Security,
Social Security Institution (SSK)

Project Data

- Total built-up area: 24,000 m²
- Hospital capacity: 250 beds
- Outpatient department capacity:
1,000 visits/day
- Construction cost (2002):
US\$ 24 million

Services Provided

- Design
- Value engineering
- Supervision of construction
- Procurement of medical equipment

Dates

2001 - 2005

Overview

After the 1999 earthquake severely damaged the existing hospital, a new structure was needed to serve needs of the local population, including handling health care services for up to 1,000 outpatient visits per day.

Design

The design of the earthquake-resistant structure itself draws from this surrounding landscape and features a stepped façade, allowing for maximum daylight throughout the interior space, up to the second basement.

The structure's mass is curved to match the ground countour lines of the site in order to minimize earth works.

A vertical circulation tower with a glazed elliptical shape serves as a visual focal point for the entrance.