

## Austral Hospital

### Project

#### Client

Austral University/ Pérez  
Companc Foundation

#### Location

Pilar,  
Buenos Aires Province  
Argentina

#### Period

1997 – 1998

#### Participation

Skanska LA: 100%



Skanska LA has performed for Austral University the construction of the Biomedical Science Faculty & School Hospital, Doctor Jorge Perez Companc University Clinic, which constructed area reaches 55.400 m<sup>2</sup> (First stage: 60 beds, Second stage: total of 300 beds).

The project was conceived in order to provide the community a quality service, covering the whole specialties known until now and applying the latest medicine techniques, with high complexity equipment.

The main building was design in a "Y" shape. A central core with elevators for the public, maintenance material and services, links the three wings. The zones with greater public flow were located in the first and second level. All wings has seven floors and has attached three complementary buildings.

The radiotherapy, nuclear medicine, pharmacy and storage areas were located in the first level of wing 1. In the radiotherapy area two bunkers with 1,50 Mts. thick concrete walls were constructed to neutralize the equipment radiation.

The Imaging diagnosis and radio diagnosis areas were located in the first level of wing 2 in which ecographs, tomograph, angiograph and the magnetic resonance sectors were installed. This wing was destined to the ambulatory service and functions as an almost independent building due to the important

external public flow. In the second level of this wing were located the surgery rooms, recovery rooms and day hospital for surgical interventions. It was also constructed here 4 elevators and a stair.

In the wing 3 were located the 16 bed intensive care unit and transplant rooms.

The building also counts with areas destined to pediatric internment, cardiology external consults, hemodynamics, allergology, surgery and dermatology. In the last level were located the areas of plastic surgery, oncology and psychiatry. This last has internment areas along with workshops for occupational therapy, living rooms and dinning rooms.



### Contact

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Skanska LA was also responsible for the upgrading of the road access to the hospital, performing the pavement of routes and constructing the access streets.

**Constructed area:** 55.400 m<sup>2</sup>

**Beds:** 300

#### Scope of the works:

Architecture preliminary project  
Structures and installations preliminary project  
Architecture project  
Structures and installations project  
Work planning and control  
Procurement and contracting  
Construction

#### Clean Rooms:

4 surgery rooms of high complexity  
1 "Shock Room" unit  
1 angiography room  
1 surgery room (Day Hospital)  
Sterilization center. □



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