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AUTRÁN DENTAL

Located at Passeig de Gràcia, 86, in Barcelona, Spain.

Autrán Dental is a newly created space, located in the neuralgic center of people's routine, on the avenue with the greatest architectural identity of the city and in front of the Pedrera building, object of worship by all lovers of Gaudian architecture and, by extension, of most of the visitors of the city.



Architects: **Enrique Noëlle e Cristina Ballo**

Builder: **Bartomeu Oliván**

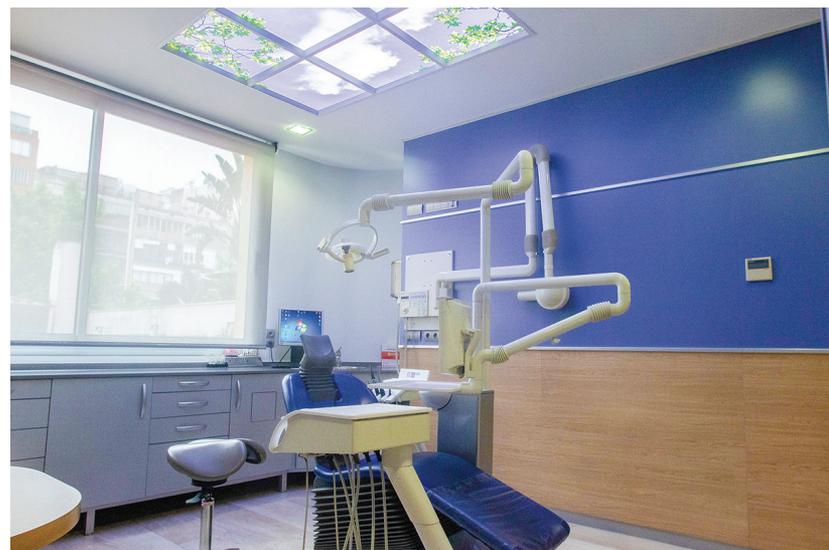
Decoration: **Eva Arteché**



The clinic's new premises occupy the entire main floor of the building located at 86 Passeig de Gràcia. Likewise and as an extension of the backyard of the house, it has a large courtyard or landscaped space in the same area of the clinic, which ensures full ventilation of the premises. The facilities, prior to the start of works, were a fully open courtyard, with two large openings overlooking Passeig de Gràcia and towards the private courtyard or garden.

When deciding on the design and future distribution of the Center, some specific requirements and a number of key concepts would have to be met, such as:

- ✍ Due to the teaching vocation of Autrán Dental, it was necessary to obtain a multifunctional space, capable of being used as an open waiting room, which should be able to be transformed into a classroom for courses, with all necessary audiovisual means, with the possibility of be closed and independent of the clinic in specific situations.
- ✍ Large spaces in all downtown areas, both in public and private areas.
- ✍ Achieving maximum performance from the excellent lighting conditions that the facility originally had.
- ✍ Maximize the flow of patient spaces to those of the center staff.
- ✍ Maximum ergonomics, both in the workplace and in the interrelationship between the different stages of receipt, collection and sterilization of clinical material that occurs in the treatment process.





- ✍ Use of building materials capable of providing a unit image and which in turn support specific color solutions in related spaces. This material should be smooth, easy to maintain and durability tested.

Thus, combined with these priorities and taking into account a determining factor, which was the maximum period of execution of the work (of four months, including demolitions), this clinic was designed based on a specific construction system, based on a support structure of aluminum profiles that allows to lacquer or enamel the panels according to the heights and the nature of the rooms. This construction system allowed us, in a period of one month, to have all the compartmentalization of the work and to perform all clinical and electrical installations at almost 90%. With this step resolved, the actual measurement finishing phase and specific solutions much discussed in the different meetings was a more tolerable task.

The basic materials with which we define the work are:

- ⇒ DAINO marble floors throughout.
- ⇒ Oak or colored melamine vertical trim and doors.
- ⇒ 5 + 5 laminar translucent or transparent glasses.
- ⇒ Clinical furniture of material identical to the wall covering.
- ⇒ Continuous ceilings in most work areas and aluminum profiles in service areas.
- ⇒ Settlements and connections between materials without any screws.



The office's functional program is as follows:

Administration and reception area

It occupies the entire main façade of Passeig de Gràcia. It is a large space, where there is also the main access to the offices and from where you can enjoy the transparency and variety of spaces.



The central element is the reception desk, giving private access to the service areas and the administration office. The counter consists of a vertical inclined plane and a horizontal work plane. The inclined vertical plane allows greater physical proximity between the patient and the reception staff.

The waiting room fully open to Passeig de Gràcia is a space that allows light to pass through and can be transformed by closing a movable wall into an auditorium, which also conceals access to the entire audio-visual system and connections through from closed circuit television to the pits and operating room. The room has projection cannons that can be connected to various devices (DVD, PC etc.), as well as an image mixer, which allows you to project the different cameras from the pits to watch live interventions. This room, organized as a course, accommodates sixteen lab-style boxes or thirty people in theater mode. All course furniture and equipment has been specially designed for this clinic and, when not used, is stored and hidden in various parts of the Center.



Distribution area

It is the space that intercommunicates all dependencies. In fact, in the reception area, there are two parallel spaces, between which are the work boxes. Following the idea of separating the areas of patients and those of the team, these two spaces were created, and the first begins at the reception in a foreshortening, with the idea of maintaining complete privacy of the treatment area. This area of passage is particularly interesting due to the reflections offered by

the pillars covered with a matt stainless steel helical plate, the succession of materials and transparencies, the “floating” staircase leading to the private areas and the strong interrelationship between the different components. . The second corridor, internal, is also part of the reception and communicates with all the boxes; It has been prepared and designed as a cleaning, bagging, sterilization and storage area. All this space is present on both sides to have a large storage capacity. These two flow areas converge in the back area of the facility, with a large glass door giving access to the courtyard. In this space, there is a large area that serves as a small laboratory, office, and staff rest area.

Treatment Area

Despite the large office area (320 m²), it consists of five boxes, with the possibility of installing one more. The boxes are distributed attached to each