

## Case Study: Hospital in Dominican Republic

The Hospital Dario Contreras in the Dominican Republic installed various types of antimicrobial Florock Flooring Systems within their newly remodeled flagship facility to achieve the safety and functionality needed, combined with the fresh, upscale design desired.

### The Facility

Named after the famous University Professor Dr. Dario Contreras, the hospital provides vital services ranging from emergency medicine and orthopedics, to oral and maxillofacial reconstruction, neurosurgery and much more. The trauma team treats over one hundred emergencies daily, many as a result of road accidents on the island. The facility serves all who come, regardless of nationality, with statistics revealing 24% of patients are undocumented Haitian nationals.



### The Challenge

The Dario Contreras facility was first built in 1960 as the teaching hospital for the Autonomous University of Santo Domingo. When the Dominican government began planning a full-scale hospital modernization in 2014, it became clear that the fifty-five year old structure could not withstand the required renovation. It was decided that a completely new 230,000 square foot facility was to be built in its place.

### The Solution

When it came to hospital flooring, administrators chose Approved Florock Installer, Garcia Smester, based on the specialty contractor's extensive healthcare experience and ability to provide Florock's aseptic flooring solutions.

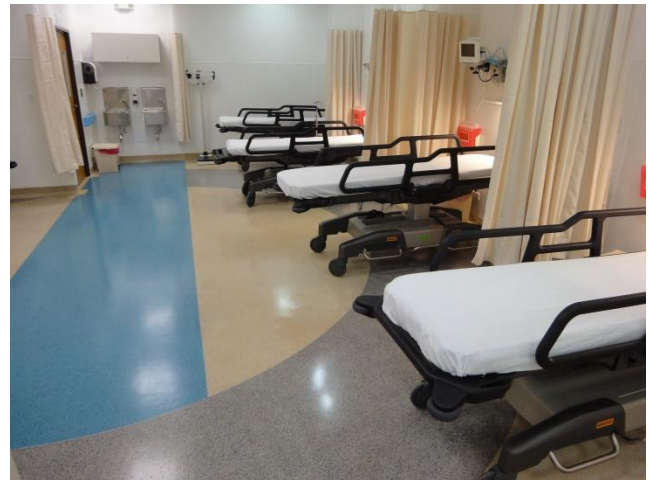


The Florock Systems included:

- Florothane CR ESD Electrostatic Dissipative Chemical Resistant Urethane System in Grey, totaling 43,600 square feet throughout two surgical modules, including eleven operating rooms, various hallways, doctors' lounges, pharmacy, offices, post-operative areas, Intensive Care Unit and scrub rooms.
- FloroPoxy SL Epoxy System in White Knight Grey, totaling over 2,600 square feet in pre-surgical areas.
- FloroQuartz Epoxy Quartz System in a custom blue for more than 27,300 square feet throughout corridors and patient rooms, including a variety of floor designs and a freehand-drawn logo, in addition to 5,400 square feet of a custom beige in the third floor surgical module and central module corridor.
- FloroChip Epoxy Chip System random broadcast in multiple colors, totaling over 8,500 square feet, in the central module lobby reception and outpatient areas, as well as in the Neurosurgery Department's various rooms and corridor.

## The Installation

Due to the critical need for the new facility and its importance to the Santo Domingo community, the general contractor was asked to complete the entire hospital project within an unprecedented seven months. Reality stretched construction of the new hospital to 18 months – still a remarkable feat for a project of this magnitude. To meet the compressed floor application schedules, Garcia Smester added manpower and worked 'round the clock, coordinating the flooring crews with the schedules of innumerable other trades on the jobsite. Garcia Smester completed the installation of 87,400 square feet of Florock flooring within 7 months.



## The Results

The finished flooring, as seen in these photos, speaks for itself – beautifully designed and skillfully installed Florock Flooring by Garcia Smester in the new 250 bed Hospital Doctor Dario Contreras, Santo Domingo, Dominican Republic.

*See more photos of this and other Florock installations in the Floor Gallery on [florock.net](http://florock.net).*