

Project Information

Corona Treatment Centre

Berlin, 11th May 2020

Easing the burden on Berlin hospitals

As part of the Berlin SAVE Concept, the Corona Treatment Centre at Berlin exhibition centre is designed to relieve Berlin's hospitals so they can focus on treating critical Covid19 cases. Covid-19 patients not in need of intensive care may be transferred to the treatment centre.

The location on the exhibition grounds offers some advantages: A framework to build on as well as an experienced team familiar with the location. The first area with approx.. 500 beds was built in Hall 26. Twenty percent of the beds are equipped with state-of-the-art ventilators, available in case the patient's condition gets worse. The second Hall 25 offers 320 beds. A total of approx. 800 beds are available to Covid-19 patients.

Flexible clusters

The layout of the treatment centre is based on modular clusters with 16-24 beds and a central service zone. The structure of the clusters is adjustable depending on the intensity of care. The advantage of the cluster system, in addition to its flexibility, is the option for installation in other locations as well. For the nursing and medical staff, a modular building with changing rooms, offices and lounges was built outside the exhibition hall.

The focus is on the functional quality of medical care without neglecting the needs of patients and employees. The exhibition halls were divided into defined zones. An important focus is to guarantee the requirements of hygiene management and occupational safety and health for the medical staff and to provide adequate lounge and retreat spaces, so that a safe and good working environment is created.

Planning and Outlook

Under these special circumstances the usual planning and coordination processes are condensed to essentials so that a fast completion of construction work could be guaranteed.

Medical and nursing staff such as medical students are directed to the online platform www.cbzj.de. Applications are coordinated by the operator Vivantes GmbH, the municipal hospital operator in Berlin. Staff will be paid on Vivantes tariffs.

Project Information**Corona Treatment Centre**Berlin, 11th May 2020**Project participants**

Client	Land Berlin, Senatsverwaltung für Gesundheit, Pflege und Gleichstellung (State of Berlin, Senate Department for Health, Long-Term Care and Gender Equality)
Team Jaffé	Albrecht Broemme (project management) Bettina Hufe (project management construction)
Owner	Messe Berlin
Operator	Vivantes Netzwerk für Gesundheit GmbH, Berlin
Architect	Heinle, Wischer und Partner, Berlin
HVAC	Ingenieurbüro Genius, Berlin und pro engineering, Berlin
Medical	ifg Ingenieurbüro für Gesundheitswesen GmbH, Leipzig
technology	VAMED Deutschland, Berlin
Fire protection	hhpberlin Ingenieure für Brandschutz, Berlin

Data

Location	Berlin exhibition centre, halls 26 und 25 (ca. 19.000 m ²) 808 beds, Computed Tomography (CT), Ultrasound equipment, Emergency laboratory (blood gas analysis), equipment for Bronchoscopies Materials used in hall 26: 3 km of trusses from trade fair construction systems for lines and cables (electrical, IT, medical gases), 6 km of copper pipe for oxygen lines, 800 m of drinking water lines and 600 m of waste water lines, 110 km of electrical lines, 20 km of network cables hygienic overhaul of the ventilation system (flow rate 1.006.000 m ³ /h) Oxygen tank with a capacity of 50,000 litres
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Dates

17 March 2020	Berlin Senate Administration Decision
23 March 2020	Concept presentation
1 April 2020	Start of construction work
30 April 2020	End of construction work

Press inquiries

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