2020 COVID-19 Intensive Care Designated Hospital

OPTICAL VALLY BRANCH OF TONGJI HOSPITAL PROJECT, WUHAN, CHINA

- Architects: Central South Architectural Design Institute Co., Ltd (CSADI), China
- Major Designers: Yin Xin, Guo Peng, Feng Shi, Zhang Qiang, Dai Shenzhen, Cheng Wenlai, Xu Yue, Zheng Su, etc.
- Project Location: Gaoxin Avenue, East Lake High-tech Development Zone, Wuhan, China
- Design Time: Phase I in 2013, Phase II in 2020, Phase III in 2021
- Construction Status: Phase I in 2015, Phase II is Under Construction
- Total Site Area: 155,035m²
- Total Building area: 490,800m²
- Number of Beds: 2,700 Beds
Buildings in Optical Vally Branch of Tongji Hospital are arranged symmetrically along the north-south axis. The hospital street connects the outpatient, medical test and imaging, and inpatient departments from south to north. The general hospital and children's hospital spread in the east-west direction around the central medical test and imaging department, overall coordinated and demonstrating the stretching characteristics of hospital buildings.
Since the COVID-19 outbreak, Optical Valley Branch of Tongji Hospital has become a designated hospital for critically ill patients and transformed 828 beds in 3 days covering 16 ward and treatment areas for critical cases and 1 ICU area, winning valuable time for critically ill patients. After the epidemic situation goes stable, a Major Public Emergency & Critical Diseases Treatment Center is proposed for Phase-III of the hospital that suits both ordinary and epidemic situations, so as to further improve the hospital’s ability to cope with major epidemics.