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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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Standard for design of general hospital

综合医院建筑设计标准

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1 General provisions

1.0.1 The document was drawn up to regulate the architectural design of general hospitals, to hold to the health of the people as the centre, to meet the needs of the medical service function of the new era, to satisfy requirements in respect of the integration of treatment and prevention, dual use in normal and emergency conditions, safety and efficiency, economy and suitability, energy saving and environmental protection, green and low carbon operation and smart health, and to drive the high-quality development of hospital construction.

1.0.2 It applies to the architectural design of general hospitals that are newly built, rebuilt or extended. Other medical engineering projects may follow it by reference.

1.0.3 The medical process shall be settled on the basis of the construction scale, the management model and the departments provided in the hospital, among other things. The architectural design of the hospital shall meet the requirements of the medical process.

1.0.4 Apart from this standard, the architectural design of general hospitals shall also comply with the relevant provisions of the national standards currently in force.

2 Terms

2.0.1 general hospital - hospital with a certain number of beds, with separate departments such as internal medicine, surgery, gynaecology, paediatrics, ophthalmology and otorhinolaryngology and with medical technology departments such as pharmacy, laboratory and radiology, and with the corresponding personnel and equipment.

2.0.2 medical process - medical flows, flow conditions and the associated allocation of resources, based on the matching of medical function with the building.

2.0.3 medical flows - procedures and steps of the medical service.

2.0.4 emergency throughput - medical capacity of the emergency department of a hospital to receive emergency patients at one time simultaneously.

2.0.5 (clause deleted in the 2024 partial revision).

2.0.6 hygiene passing through area - area set between zones of different cleanliness class or different infection risk class, in which personnel and materials undergo hygienic treatment. It should include a buffer room, shoe-changing, clothes-changing and shower rooms, and a transport route for the associated materials.

2.0.7 intensive care unit - specialised monitoring and treatment unit set up independently by the hospital, usually the intensive care unit (ICU), the cardiac care unit (CCU) and the neonatal intensive care unit (NICU) derived from the ICU.

2.0.8 convertible area for emergency response - specific convertible space provided, in accordance with the requirements of regional health planning, within the campus of a hospital that carries the task of treating epidemics and other emergencies in its district; routine clinical medical work is carried out in it in normal times, and when the corresponding emergency occurs its function can be converted so that emergency medical work is carried out there.

2.0.9 multi-disciplinary treatment (MDT) - manner of diagnosis and treatment carried out for a patient jointly by the disciplines concerned or by several disciplines.

2.0.10 air cleaning and conditioning system - air conditioning system in which barrier filters of a certain efficiency are fitted in the fresh air system and at both the supply and the return air openings, so as to control airborne particles and microbiological contamination indoors.

3.1 Medical process design - general requirements

3.1.1 The medical process design shall carry out a systematic process design of the medical flows, the medical flow conditions and the allocation of resources, scientifically and reasonably, on the basis of the positioning of the hospital and its discipline planning, so as to provide the basis for the architectural design.

3.1.2 (clause deleted in the 2024 partial revision).

3.1.3 (clause deleted in the 2024 partial revision).

3.1.4 (clause deleted in the 2024 partial revision).

3.1.5 The medical function unit, called department for short, is the basic unit of the hospital and should be classified as set out in Table 3.1.5. The table has five columns, headed