Hospital Equipment Experience and Learning, View Clinical Engineering.

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Introduction: Hospital construction has historically been an essential factor within a country's health sector; as institutions are a sign of cutting-edge medical care and promoters of medical training that can address the basic health care needs of the population and health emergencies; such as attention to natural disasters or epidemiological risks.

Methodology: In Mexico, hospital construction must strictly comply with the Mexican Official Standard **NOM-016-SSA3-2012,** which establishes the minimum infrastructure and equipment characteristics for hospitals and specialized medical care offices.

Results: Tláhuac Hospital, IMSS that benefits more than 300 thousand beneficiaries in the east of Mexico City, said hospital has 102 census beds and 54 non-census beds, is equipped with hospital beds, two operating rooms, X-rays, CT, ultrasound, sterilizers, a situation that will allow Social Security to grow in its capacity to care for people who receive care at the General Hospital Zone (HGZ) No. 47 of Iztapalapa and No. 32 of Villa Coapa. Said complex was built in 120 days of the 135 that were planned.

Discussion : Every hospital construction represents a comprehensive challenge for the multidisciplinary work team, to achieve this the following particularities must be taken into account:

- Comprehensive management of the hospital construction project
- Ensuring investment efficiency and return
- Comply with the rules dictated by the Secretary of Health.
- Design projects under international standards, ready to obtain national and international certifications and accreditations

Conclusion: Hospital construction must have the capacity to adapt, grow and transform according to the changing needs of the health sector; situations that will allow its construction to be carried out in compliance with national regulations and international standards.

Reference

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Note: Hospital HGZ 20 “Tlahuac” is a medical unit considered a comprehensive hospital, as it combines ecology with equipment, cutting-edge technology and specialized personnel [Photograph] Mexican Social Security Institute, 2024, http://www.imss.gob.mx/prensa/archivo/202402/082