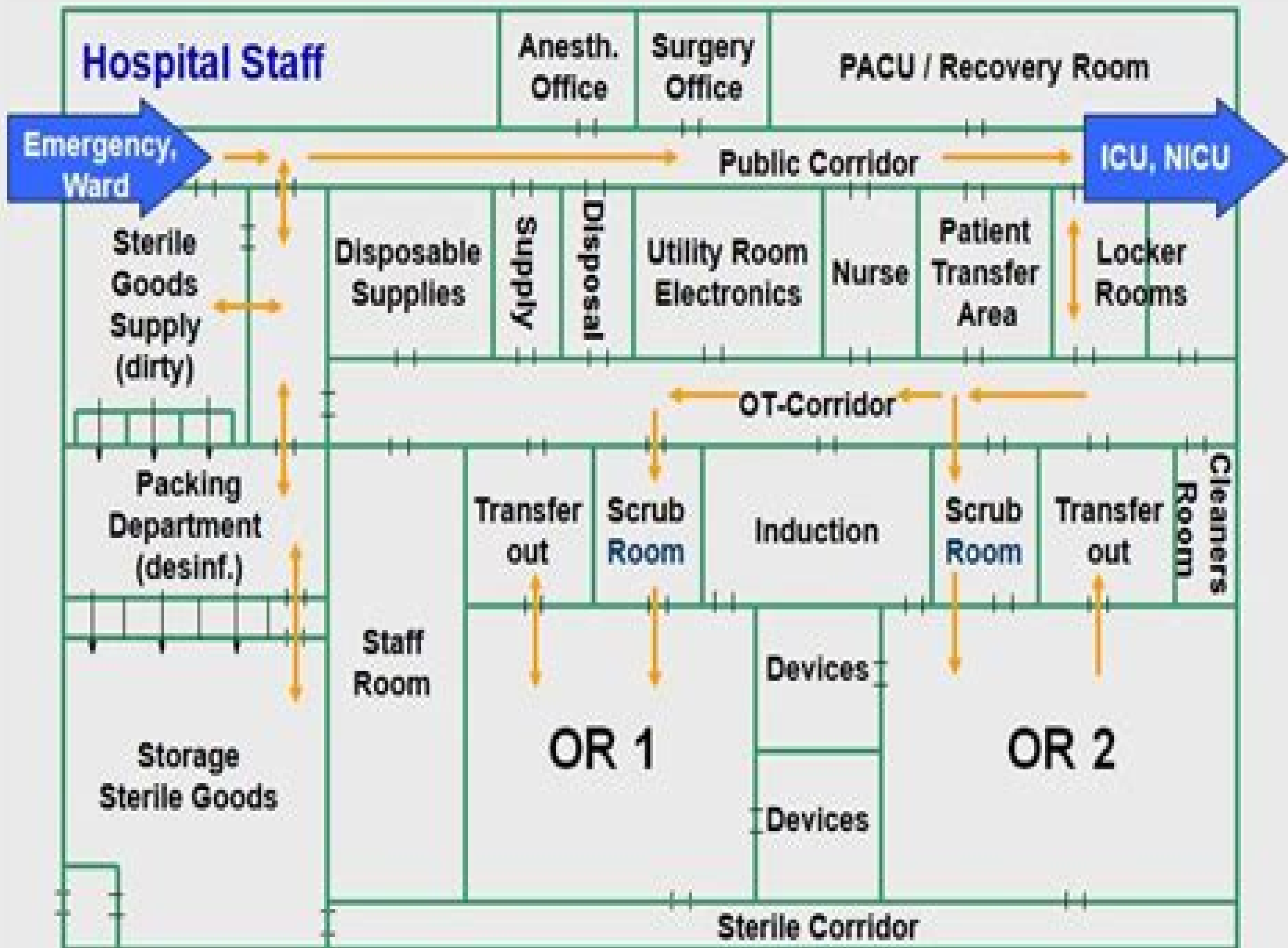




Hospital Plan Design Guide

Ajay Garg, Anil Dewan



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Manual of Hospital Planning and Designing Ajay Garg, Anil Dewan, 2022-01-29 This book is a one stop resource on all the critical aspects of planning and designing hospitals one of the most complex healthcare projects to undertake A well planned and designed hospital should control infection rate provide safety to patients caregivers and visitors help improve patients recovery and have scope for future expansion and change Reinforcing these basic principles guidance on such effective planning and designing is the key focus Readers are offered insights into eliminating shortcomings at every stage of setting up a hospital which may not be feasible to rectify later on through alterations Chapters from 1 to 12 of the book provide exhaustive notes on initial planning such as detailed project reports feasibility studies and area calculation Chapters 13 to 27 include designing and layout of all the essential departments units such as OPD emergency intermediate care diagnostics operating rooms and intensive care units Chapters 28 to 37 cover designing support services like sterilization department pharmacy medical gas pipeline kitchen laundry medical record and mortuary Chapters 38 to 48 take the readers through planning other services like air conditioning and ventilation fire safety extra low voltage mechanical electrical and plumbing services Chapter 49 is for the planning of medical equipment A particular chapter on Green hospital designing is included This book is a single essential tabletop reference for hospital consultants medical and hospital administrators hospital designers architecture students and hospital promoters Handbook on Hospital Planning & Designing Ajay

Garg, 2024-03-18 This handbook is in reference to the book Manual of Hospital Planning and Designing which was earlier published by Springer Nature This Handbook on Hospital Planning and Designing is a helpful guide that shows how to build an efficient healthcare project Carefully planning and designing hospitals is essential to deliver and effective healthcare facilities It s basically a mix of art science and caring This book highlights the rooms spaces MEP service safety security equipment instruments and other support services This book is a summary of the essentials for designers and planners who want to design hospitals Architects designers doctors and people who are involved in the designing of hospital will find it useful It helps them make places that work well look nice and care for patients best Setting up the hospital project is more than just building It s about creating places where people get better and feel good This book explores everything about planning and designing hospitals in the given chapters from the beginning covering all the departments until the hospital is all set up This book is helpful for experienced architects with new ideas a healthcare worker who wants the best for patients or a student who loves learning about hospitals **Planning & Designing Health Care Facilities in Developing**

Countries Shashikant Sharma, Saurabh Singh, 2024-07-16 Building a clinically integrated workplace with a high level of clinical competence requires careful considerations of Hospital Planning For greenfield or brownfield hospital projects clinicians and C Suite executives need to acquire capabilities to address the planning needs of any organization This book aims to provide both theoretical and practical inputs for the Planning Designing of Health Care Facilities in Developing

Countries It clearly indicates the steps to be followed facts to be weighed and components to be considered to arrive at a correct planning solution With health reform looming and the revenue base shifting rapidly we need to integrate patient safety concerns in the design process Key Features Liberal use of tables and figures to support conclusions illustrate concepts and display quantitative information making it easier for readers to understand and refer to large quantities of data Integrates the international norms for planning and designing health care facilities into the developing country setting Handbook and ready reckoner for C Suite executives hospital engineers project consultants and hospital administration students

Risk Management Series; Design Guide for Improving Hospital Safety in Earthquakes, Floods, and High Winds , Design Guide for Libraries United States. Army. Corps of Engineers. Engineering and Construction Directorate. Engineering Division,1983

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Planning and Designing of Specialty Healthcare Facilities Shakti Kumar Gupta,Sunil Kant,R Chandrashekhar,2020-06-30

1 Burns and Reconstructive Surgery Center 2 Birthing Center 3 Assisted Reproductive Technology Facility 4 Mother and Child Health Center 5 Organ Transplant Center 6 Catheterization Laboratory Facility 7 Cardiothoracic and Vascular Surgery Center 8 Oncology Center 9 Nuclear Medicine Facility 10 Palliative Care Facility 11 Biosafety Laboratory 12 Clinical Decision Making Facility 13 Geriatric Healthcare Facility 14 Rehabilitation Center for Locomotor Disability 15 Trauma Care Facility 16 Mobile Health Unit 17 Renal Disease Center 18 Dialysis Facility 19 Critical Care Unit 20 Isolation Facility 21 Spinal Injury Center 22 Center for Hepatobiliary Diseases 23 Endoscopy Unit 24 Integrated and Hybrid Operating Room 25 Endocrinology and Metabolic Facility 26 Respiratory Medicine Facility 27 Sports Injury Center 28 Facility for Nanomedicine and Nanotechnology 29 Stem Cell Facility 30 Facility for Robotic Surgery 31 Sleep Center 32 Neurosciences Center 33 Renal Disease Center 34 Mental Health Facility 35 Chemical Biological Radiological and Nuclear Facility 36 Ophthalmology Center 37 ENT Audiology Clinic and Speech Therapy Center 38 Center for Cosmetic Surgery 39 Wellness Center 40 Green Hospitals 41 Smart Hospital 42 Telemedicine 43 Center for Dental Services 44 Lighting in Hospitals 45 Building Management Systems 46 Lean Healthcare Facility Design 47 Urgent Care Facility 48 Bariatric Surgery Facility 49 Hospital Management Information System 50 Ready Reckoner

A Guide to Hospital Administration and Planning Dinesh Bhatia,Prabhat Kumar Chaudhari,Bhupinder Chaudhary,Sushman Sharma,Kunaal Dhingra,2023-01-04

This book is a compilation of work by experts from the different domains of the healthcare industry ranging from hospital planning to quality management clinical services to disaster management Healthcare organizations being diverse sensitive and intricate warrant thorough and flawless planning The structure should be not only operationally efficient but also safe for its occupants and visitors It starts with a brief introduction of the healthcare sector at different levels It also attempts to justify how the changing healthcare landscape paved the way for establishing a contemporary and ever evolving specialty of Hospital planning and designing which is dynamic and frequently requires continuous

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