Innovations in Hospital Architecture

Stephen Verderber

This indispensable reference book captures key recent developments in the rapidly evolving field of sustainable hospital architecture. Today's architects must provide hospitals which enable high quality care for diverse patient populations in carbon neutral care settings, and this book succinctly considers what needs to be done in order to meet that challenge. The contemporary hospital is viewed in the context of global climate change, the planet's diminishing natural resources and the spiraling cost of operating healthcare facilities.

Verderber considers the future of the hospital, and supplies a compendium of 100 planning and design considerations for the building type. The book includes with twenty-eight case studies of built and unbuilt hospitals from around the world. These are grouped into five types - autonomous community based hospitals, children’s hospitals, rehabilitation and elderly care centres and hospitals, regional medical centre campuses, and visionary (unbuilt) projects. Beautifully and extensively illustrated with many photographs, diagrams and floor plans, this is essential reading for all architects, planners, engineers, product manufacturers, clients, healthcare providers and government agencies involved in sustainable healthcare environments.

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The very first requirement of a hospital is that it will do no human or ecological harm.