

KEYS TO SMART HEALTHCARE FACILITY FLOOR PLAN

The Master Plan

Most healthcare organizations have Master Plans that guide the growth and evolution of facilities over time. **Design-Build** teams must understand Master Plans and design facilities that achieve the goals stated within them.

Evidence-based design

Studies show patient outcomes improve when healthcare facility floor plans maximize patient exposure to sunlight and scenes of nature. Calming color schemes, water features and gardens also improve patient and visitor experiences.

Staff input

The most effective healthcare facility floor plans adopt input from those who use the spaces most: Doctors, nurses and support staff. These individuals should play an active role in floor plan and design development.

Enhanced security

Modern healthcare facilities are made more secure by incorporating floor plans that allow security teams and law enforcement to unify and simplify their response to emergencies. Complicated pathways and blind spots should be avoided.

BY THE NUMBERS

\$8.7 trillion

World healthcare expenditures will reach **\$8.7 trillion** by 2020.

Source: 2018 Global Health Care Outlook. Deloitte, 2017.

\$3.3 trillion

In 2016, total healthcare expenditures in the U.S. reached **\$3.3 trillion**. Healthcare expenditures per capita for that year tallied **\$10,348**.

Source: CDC National Center for Health Statistics, 2016.

17%

17% of respondents reported a medical office building project was underway in their organization; **9%** stated they were planning to build ambulatory centers in the next three years.

Source: 2018 Hospital Construction Survey. Health Facilities Management, 2018.

14%

14% of respondents stated construction of urgent care centers were either underway or under consideration to alleviate strain on hospital emergency rooms.

Source: 2018 Hospital Construction Survey. Health Facilities Management, 2018.

\$97.1 billion

At the end of 2015, **1,270 healthcare construction projects** were underway or under consideration, valued at **\$97.1 billion**. Of those, **75% were expansions**.

Source: Building Design & Construction survey. Revista, 2016.

INSIGHTS & TIPS

1

Do your homework up front

Successful **healthcare construction** projects depend on understanding the demographics, needs and goals of a healthcare organization. Will construction coincide with changes in healthcare services provided?

2

Outpatient is king

More and more healthcare is provided in outpatient settings. Patient perception is important: "I'm not sick. I'm not in a hospital, I'm an outpatient." Outpatient sites should look and feel more like medical malls and less like the hospitals of a bygone era.

3

Interview key stakeholders

Conduct interviews to gain practical insights from the people who will use the facility every day: Doctors, nurses, support staff and security teams. They'll know more than anyone how to make staff, patient and visitor flow as smooth as possible.

4

Adopt strategic phasing

You don't need to get all the work done at once. Gather the executive team and board members to draft a priorities list. Then, communicate with your builder. They'll know how to choreograph projects to minimize disruption and maximize efficiency.

5

Think forward, think flexibly

Healthcare is changing quickly. Successful facilities are built flexibly to handle communities' rapidly changing needs. And healthcare leaders who get a head start on planning their next healthcare expansion have a leg up.



We're a company founded upon building smart. Our healthcare construction services focus on a holistic healing process through integrated and innovative technology and overall patient well-being. So whether you're looking for a healing garden or a high-tech research lab, we welcome the opportunity to tell you more about healthcare facility construction.

korteco.com/medical-facility-construction