



C A M B R I A[®]

CLIENT
Sanford Health

PROJECT
Sanford Heart Hospital at
Sanford USD Medical Center

LOCATION
Sioux Falls, SD

DESIGN FIRM
TSP

LINWOOD™

SANFORD HEART HOSPITAL

CAMBRIA NATURAL QUARTZ SURFACES

Sanford Vascular Center

OVERVIEW

Sanford Heart Hospital, located on the campus of Sanford USD Medical Center in Sioux Falls, South Dakota, opened in 2012 as a dedicated heart health facility. By 2020, higher-than-expected growth in demand for heart hospital services called for an expansion. With the help of partners like Cambria, Sanford capitalized on the opportunity to both modernize and enhance the interior finishes, furthering its goal of improving patient outcomes and adding longevity to the space.



APPLICATIONS

- Patient Room Vanities
- Charting Station
- Nurses' Station
- Bathroom Vanities and Recessed Shelving

CAMBRIA DESIGNS

Bridgewater,[™] Brittanicca,[™] Cardiff Cream,[™] Cranbrook,[™] Hamilton,[™] Linwood,[™] Seagrove,[™] Torquay[™]



01 CHALLENGE

To create a hospital addition that meets the challenges of increased patient admissions, supports patient health and wellness, and elevates the durability and longevity of the building materials.

02 SOLUTION

Sanford Health chose materials that withstand the significant demands of a bustling hospital while elevating the look and feel of the space to create a modern, welcoming addition for patients.

03 RESULTS

The completed expansion blended the multifaceted goal of maintaining cohesiveness to the existing building while improving materials and amenities in a way that promoted patient health.

TORQUAY[™]



HAMILTON™



01

CHALLENGE

When Sanford Heart Hospital was initially conceived and constructed in 2012, Sanford leadership anticipated significant growth and built a designated space for future expansion. Since 2014, Sanford's overall admissions numbers have increased by 32%, emergency room visits by 16%, and cath lab visits by 26%. This growth can be attributed, in part, to increasing coverage in traditionally underserved areas in central and western South Dakota, of which 50% come from rural communities.

This higher-than-expected growth in demand for heart hospital services called for an expansion. Adding 26,058 square feet within the existing footprint, the addition had to not only live well and be consistent with the existing structure, it also needed to improve upon the overall durability, longevity, and aesthetic of that space.



The solid surface material used in the existing structure was exhibiting unsightly scratching, wear, and staining from daily use of hospital-grade cleaning products and disinfectants; the undermount sinks were areas prone to harboring germs and bacteria; and the team also wanted additional storage to house patients' personal items and medical supplies in patient rooms that would be functional, accessible, and easy to clean.

Understanding that a patient's sense of well-being can influence patient outcomes, decrease medication needs, reduce length of stay, and improve a patient's overall experience, Sanford's goal was to provision spaces within the hospital that were comforting, calming, and healing.

"Patients are coming from small, rural communities, and the majority are navigating Sioux Falls and the hospital for the first time," said Ivy Oland, Sanford Head of Environmental Design. "Patients are far removed from their place of comfort, so we had to be thoughtful about how the design of the space could help put them at ease during their medical journey."

“There was a major opportunity to both update and improve items and finishes. Infection control, environmental stimuli, and aesthetic drivers all support optimal outcomes for patients in terms of length of stay, speed of recovery, and more.”

— Ivy Oland
Sanford Head of
Environmental Design



BRIDGEWATER™



BRIDGEWATER™



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02

SOLUTION

Mitigating risk and finding opportunities to leverage materials that were inherently more suitable to withstand the demands of the hospital while supporting patient health and wellness was at the core of Sanford's decision-making process.

"In general terms, we know it is important that surfaces give the appearance of cleanliness—and are actually clean, of course—to reinforce the feeling that a space is well taken care of," says Oland. "The perception of cleanliness impacts patient satisfaction and directly ties to reimbursement dollars. Part of Sanford's core mission is to ensure we are providing an experience people feel good about, so we actively seek out products that support us in that endeavor."

Sanford turned to one of its trusted longtime partners, Cambria, for support in solving these challenges. Not only as a product with high-performing solutions, but also as an aesthetic element that would elevate the look and feel of the space while staying true to the original specifications and enabling design consistency between patient rooms.

"We were really looking for a turnkey solution and already recognized the superiority of the Cambria product from our previous experience with quartz in non-clinical spaces," says Sanford Heart Hospital construction project manager Nathan Kraft, who has been with the Sanford organization since 2006. "We sent the project specifications with our cleaning solutions and hand sanitizers to Cambria. Testing was done to ensure overall performance and the compatibility of Cambria with our cleaning protocols."





CRANBROOK™



CRANBROOK™



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In a 24/7 healthcare environment, where safety and infection prevention are of the utmost importance, Cambria's nonabsorbent, durable, natural quartz surfaces proved to be the right solution. Cambria can withstand a myriad of disinfecting cleaners that meet CDC Guidelines for Environmental Infection Control in Healthcare Facilities when used according to manufacturer's instructions.

“We had peace of mind knowing it would hold up better, require less maintenance, and last longer. To me, using a product like Cambria is the sustainable choice, just knowing its technical performance, durability, and lifespan.”

— Nathan Kraft
Sanford Heart Hospital
construction project manager

The Sanford design team specified Cambria in spaces such as charting and nurses' stations, patient toilet room vanities, and on the handwash stations within the patient spaces. Each Cambria design was chosen from a comprehensive palette to coordinate with existing finishes.

Cambria's own Corporate Services team provided a turnkey solution for Sanford including estimation, fabrication, installation, project management, and advising on technical inquiries throughout the project. Cambria fabricated seamless integral sinks, which eliminated the gap between the sink and the counter, thereby preventing the growth of mold and mildew. In addition, Cambria constructed built-in quartz shelving for patient room storage, enabling easy access and cleanability.

“I cannot overstate how pleased I was by Cambria’s attention to detail. They handled templating, verification, and even re-verification, all of which made us feel comfortable that the product would fit when it was delivered and be installed properly, saving us both time and money.”

— Nathan Kraft
Sanford Heart Hospital
construction project manager



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SEAGROVE™

Registration







03

RESULTS

Sanford took key learnings from its original facility to optimize the build-out of the new spaces to enhance the patient experience.

“We design in terms of functionality, and now we know better and can do better,” says Oland. “Our product selections have to serve a greater purpose than meeting only the basic functional needs of space. Thinking about how the overall space will make a patient or family member feel is of the utmost importance, and that is why we put our products through rigorous testing for cleanability, durability, and life cycle. We want something that looks and lives well over time.”

In the Heart Hospital, Cambria helped improve the facility with its hard working and high performing quartz surfaces. Cambria solved these challenges with its durable and hygienic solutions while providing a beautiful aesthetic that elevates the patient experience at Sanford Heart Hospital.



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EXIT

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PLUG IT

TORQUAY™



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Declare.

