

# The Patient Smart Room

## Encourage Best Hand Hygiene Practices

- Entry activated backlit hand wash reminder in Krion\* solid surface surround
- Sink adjacent to entry door
- Oversized sink to reduce splash
- Pre-set faucet time takes away risk of under washing
- Automatic hand sanitizers located at entry and bathroom door

## Point of Touch Reduction

- Automatic door hardware
- Automatic sink controls, hand sanitizers and paper towels
- Reduction of enclosed cabinetry, and hands free hardware

## Reduce Area of Potential Contaminant Accumulation

- Tactys\* antibacterial glass keyboard
- Simplified room layout with radiused corners
- Handwashing sink disengaged from side walls
- Wall mounted faucets and offset drain
- Clear floor area under sink and headwall
- Staff work-surface next to bed, separated from overbed table
- Wardrobe and guest sleeper built-in, no open space below
- Easily cleanable Price\* plaque HVAC diffusers
- Disposable privacy and shower curtains

## Separate Potential Sources of Contamination

- Krion\* splash panel for sink
- Soiled alcove
- Side access headwall devices
- Visual clues to staff and guests to separate care zones

## Distinct Visual Cues to Influence Desired Behaviors

- Use of color to define zones
- Use of sensors and lighting indicating "please wash hands"

## Design Surfaces to Be Easily Cleanable

- Prefabricated Krion\* solid surface headwall
- Integrated Krion\* sink basin
- Krion\* solid surface molded sleeper
- Seamless Krion\* solid surface bathroom walls
- SPD\* smart glass exterior shading system
- Corning glass\* integrated monitor, tv, clock and whiteboard
- Poured epoxy bathroom flooring
- Teal Salus\* antimicrobial patient chair, Krion\* bedside table and over-bed table
- Remote/nurse call with touch surface
- Radiused inside wall corners
- Trimless lighting with flush lens

## Antimicrobial Materials

- Copper door hardware, grab bars and corner guards
- Krion\* antimicrobial solid surface headwall, footwall, bedside and overbed tables, patient toilet, sleep over sofa/table, hand washing sink and surround
- Corning\* glass antimicrobial touch screen glass at room controls
- Teal Salus\* Patient chair
- Norix\* antimicrobial guest mattress
- Welded rubber flooring with integral cove base
- Antimicrobial Paint

## Use of Technology to Reduce Contamination

- VitalVio\* Lights combines functional room lighting and room disinfection from the same white LED source
- Hyper-chlorinated remote flush outside bathroom
- Self-closing toilet lid



### Design Intent

The Patient Smart Room utilizes intelligent design to support operational and patient care practices proven to reduce Hospital Associated Infections. Best practices in handwashing, patient interaction, and room cleaning are encouraged through visual cues, a zoned room layout, and streamlined detailing. While, through the use of state-of-the-art microbe killing technologies, anti-microbial materials and reduced points of touch, opportunities for contamination are eliminated.

