



BestCare®
By Whitehall Manufacturing®

PEACE OF MIND
SAFETY
STYLE

LIGATION-RESISTANT PLUMBING
PRODUCTS & ACCESSORIES



**75% of suicides
take place in the
inpatient bathroom.⁵**

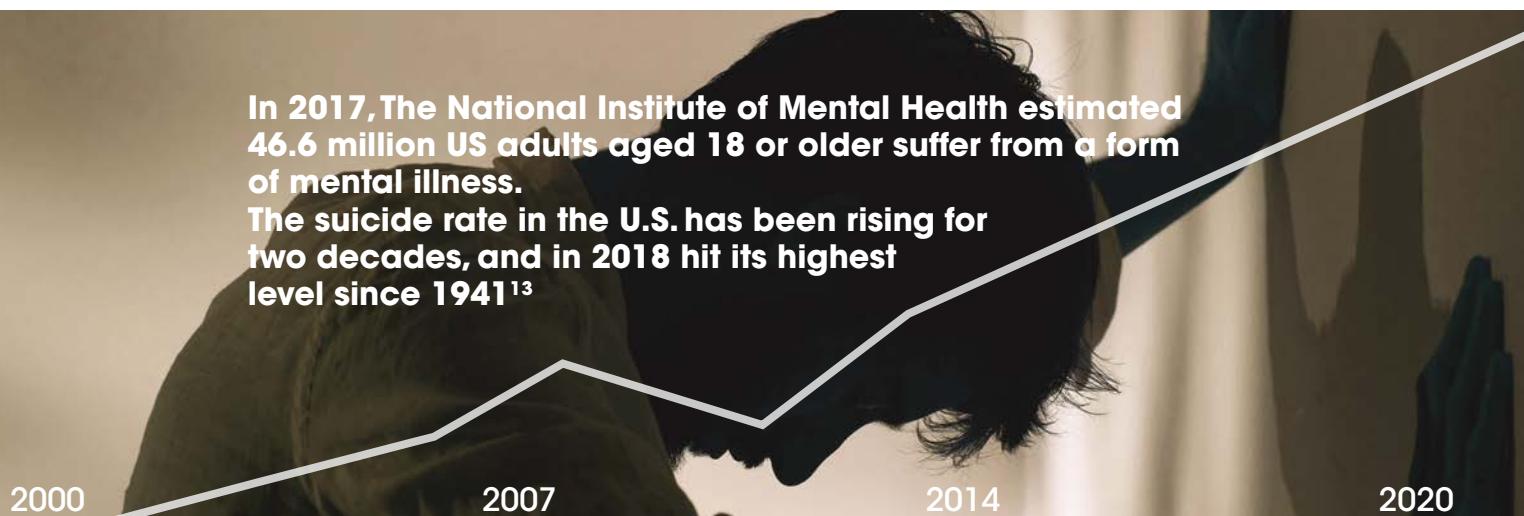
BestCare®

LIGATION-RESISTANT
PLUMBING PRODUCTS & ACCESSORIES

HELPING IN THE PROCESS OF WHOLE HEALTH

WHOLE HEALTH:

Health is a state of Physical, Mental and Social well-being and not merely the absence of disease.



In today's world, there is an increased focus on mental health & well-being. COVID-19 has led to many issues such as isolation, unemployment, disrupted routines, stress and anxiety which have all contributed in the mental health issues affecting the entire world. The importance of the patient experience, their healing process and safety are key factors in healthcare / behavioral healthcare facility design.



TABLE OF CONTENTS

BEHAVIORAL HEALTHCARE EXPLAINED	10
UNIVERSAL DESIGN	14
INFECTION PREVENTION	16
DESIGN YOUR RESTROOM	18
WHERE ARE THE LIGATURE POINTS	22
DIGNITY SUITE	24
STANDARD SUITE	26
TOOLS & INFORMATION	73

START WITH THE FIXTURES SECTION 22 PLUMBING

TABLE OF CONTENTS



NOTE: New products patent pending.

SINKS

- STAINLESS STEEL
- SOLID SURFACE
- CORNER SOLID SURFACE
- BARIATRIC

FAUCETS

- SENSOR, DUAL & SINGLE TEMP
- PIEZO, DUAL & SINGLE TEMP
- MANUAL, DUAL & SINGLE TEMP
- WIDESpread & RETROFITTABLE VALVES

TOILETS & URINALS

- COMMERCIAL TOILETS, TOP & WALL SUPPLY
- TANK STYLE TOILETS
- REPLACEMENT
- BARIATRIC
- URINALS

TOILET ACCESSORIES

- SENSOR OPERATED FLUSH VALVE ACTIVATION
- FLUSH VALVE COVERS
- TOILET SEATS
- ACCESS DOORS

ELECTRONIC WATER MANAGEMENT SYSTEMS

- FLOODTROL/TIMETROL/MASTERTROL

SHOWER SOLUTIONS

- RECESSED
- SURFACE MOUNTED
- HANDHELD
- SHOWERHEADS & TUB SPOUTS
- VALVES
- DIVERTERS

SHOWER BASES W/ INTEGRAL TRENCH DRAINS

DRAINS

- LINEAR
- FLOOR, CIRCULAR
- FLOOR, SQUARE
- DRAIN GRATE
- VINYL FLOOR

BOTTLE & CUP FILLERS

- SENSOR
- PUSH BUTTON

28

32

36

42

46

48

52

54

58

COMPLETE YOUR PROJECT SECTION 10 ACCESSORIES

TABLE OF CONTENTS



ACCESSORIES

MIRRORS

STAINLESS STEEL

SOLID SURFACE

CUSTOM SIZES

TOILET PAPER HOLDERS

PAPER TOWEL HOLDERS

TOWEL & CLOTHING HOOKS

SHELVES

RECESSED

SURFACE MOUNTED

VANITY

SHOWER CADDY

SOAP DISHES

GRAB BARS

60

CABINETS & ENCLOSURES

ACCESS DOORS

FIRE EXTINGUISHER CABINETS

RECESSED

SEMI-RECESSED

SURFACE MOUNTED

66



ABOUT THE WATER OTHER PRODUCTS



VACUUM PLUMBING BY ACORNVAC

TEMPERING PRODUCTS BY ACORN CONTROLS

CUSTOM SINKS BY WHITEHALL

70

71

72



WORKING TOGETHER TO PROTECT THE PATIENT, HEALTHCARE WORKER & FACILITY

BEHAVIORAL HEALTHCARE



Behavioral Healthcare is a term that is often used interchangeably with mental health, encompassing treatment of all psychiatric illnesses and/or substance abuse.

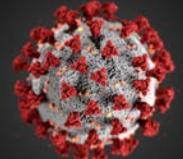
Today, it is inclusive with all mental health issues, affecting all walks of life. The treatment and environment is moving towards new solutions for future needs and growth. Everyone working together for the safety of the patient, healthcare worker and facility.

MENTAL HEALTH AFFECTS OF COVID-19:

- **67% higher levels of stress since outbreak of COVID-19**
- **54% are more emotionally exhausted**
- **42% report their overall mental health has declined¹²**

A worldwide mental health crisis is growing across all demographics that are now suffering from mental health issues.

PTSD has risen due to factors such as stress, isolation and COVID-19. The increase of healthcare workers having issues is growing. Teens, elderly, veterans, substance abuse, all on the rise.

 Health care workers treat a flood of critically ill patients during pandemics. They risk their own health.



YOUNG
OLD
STRONG
WEAK
INPATIENT
HEALTHCARE
WORKER
TEACHER
STUDENT
VETERAN
SUBSTANCE
ABUSE

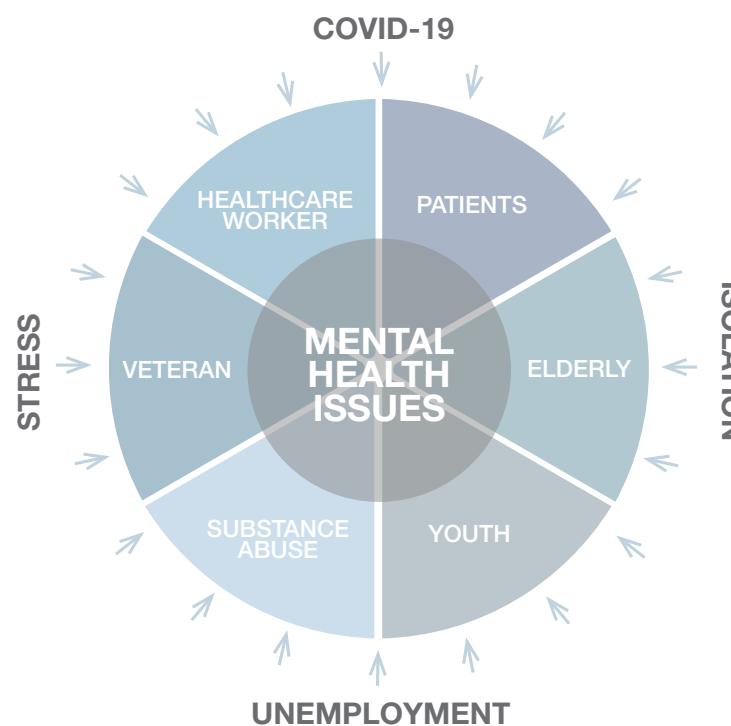
The psychological and behavioral impacts of a disaster are experienced by more people, over a larger geographical area, and for far longer than all other medical effects combined.¹⁴



MENTAL HEALTH AFFECTS ALL

Mental health treatment tops the list of cost in 2013, in the United States, at **\$201 Billion**

— American Journal of Psychiatry



The coronavirus pandemic is pushing America into a mental health crisis. Anxiety and depression are rising. The U.S. is ill-prepared, with some clinics already on the brink of collapse.

— Washington Post

Nearly half of Americans report the coronavirus crisis has harmed their mental health, according to a Kaiser Family Foundation poll. A federal emergency hotline for people in emotional distress registered more than 1,000 percent increase in April, 2020 compared with the same time last year. In the month previous, roughly 20,000 people texted that hotline, run by the Substance Abuse and Mental Health Services Administration.



Suicide is the second most common cause of death in the US military.⁷

UNIVERSAL DESIGN



IMPROVING

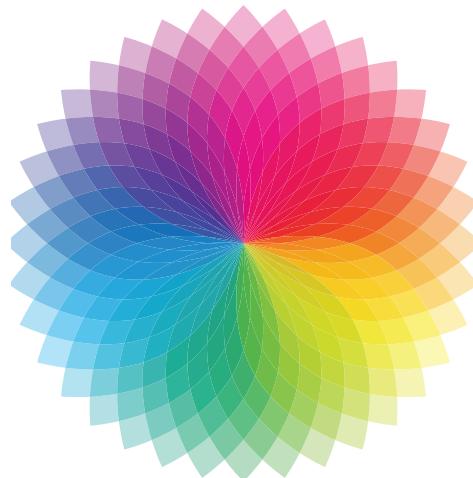
INSTILL CALMNESS

HELP THE HEALING PROCESS

CREATE BALANCE

"You're making lives different through your designs. You're improving the quality of care and you're improving the quality of the environment. I've had a career-long aspiration to make a difference in the built environment for the people that use and live in it every day."

<https://blog.whitehallmfg.com/kimberly-mcmurray-making-a-difference-for-patients-through-design/>

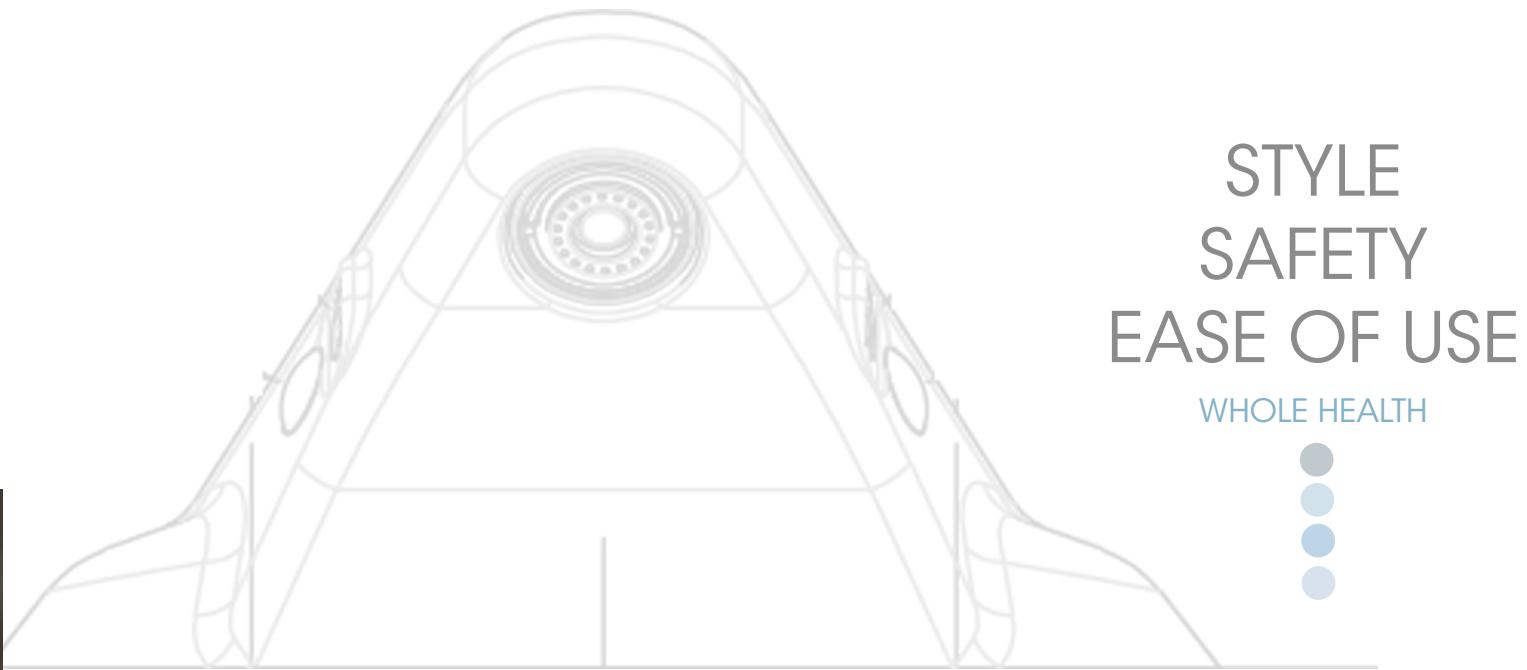


A universally designed environment instills **calming aesthetics**, which help in patient well being and the healing process.

Today's behavioral healthcare facilities are taking a special interest in designing a therapeutic healing environment. Color, space, light and shapes, all have affects on the patient.

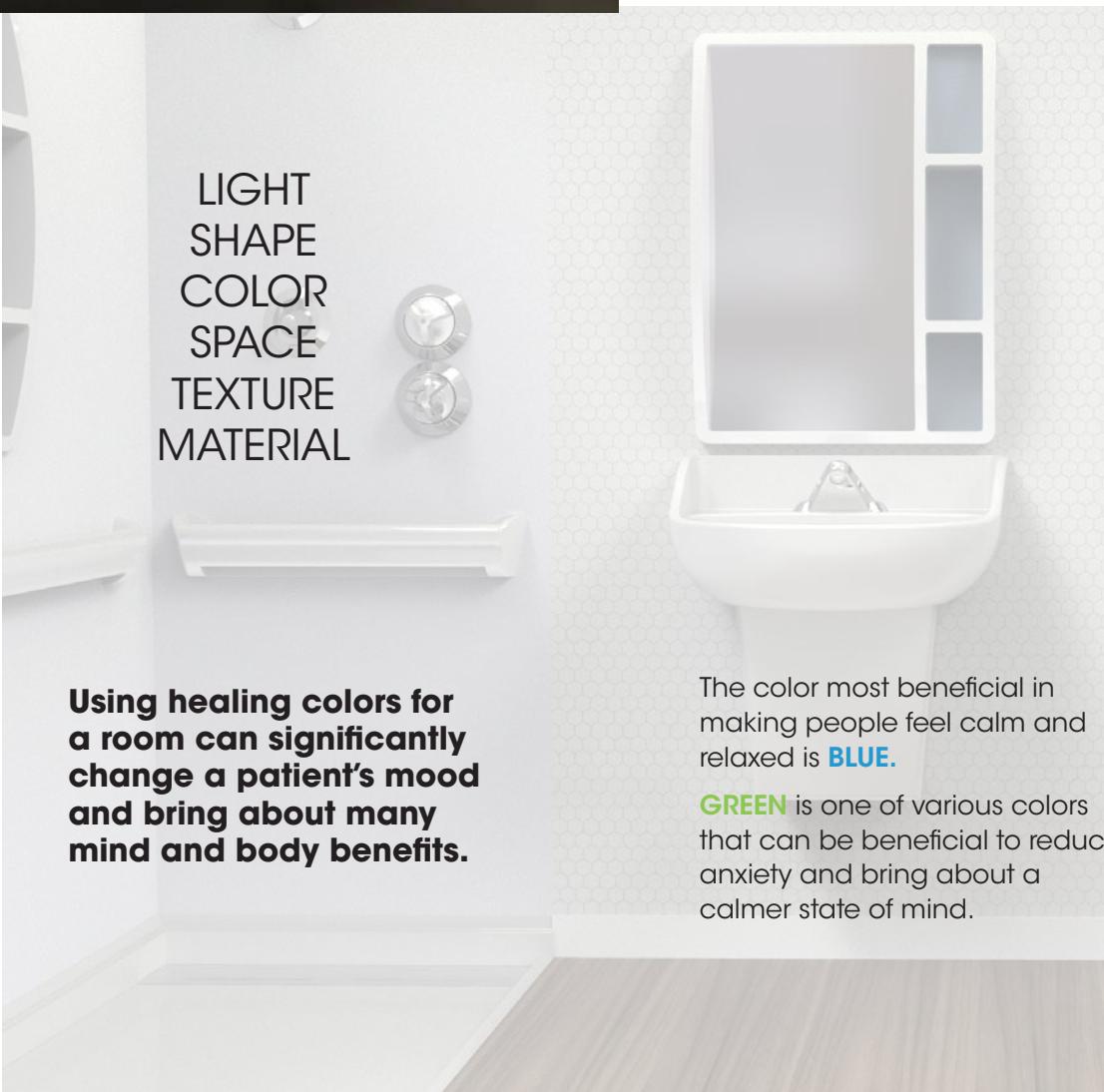
LIGHT
SHAPE
COLOR
SPACE
TEXTURE
MATERIAL

Using healing colors for a room can significantly change a patient's mood and bring about many mind and body benefits.



THE PATIENT EXPERIENCE

BestCare® ligature-resistant plumbing products are designed to create balance between style, safety and patient well being. The product is **easy to use with clean and sleek lines**.



The color most beneficial in making people feel calm and relaxed is **BLUE**.

GREEN is one of various colors that can be beneficial to reduce anxiety and bring about a calmer state of mind.



BestCare®

INFECTION PREVENTION



HANDS-FREE OFFSET DRAIN SOLID SURFACE STERITOUCH® SURESHIELD® CUVERRO®



HANDS-FREE OPERATION
Ligation-resistant sensor activated faucet



OFFSET DRAIN
Prevents water from being dispensed directly into the drain, preventing bacteria in the drain from aerosolizing and entering the sink basin via splashing

WATCH our video demo
on sensor operated faucets
<https://bit.ly/30bJnl4>

Infection Control has become an important focus in design of healthcare / behavioral healthcare facilities. BestCare® products integrate infection prevention with hands-free product, solid surface material, SteriTouch®, CuVerro®, all of which help in the fight against the spread of infection.

MATERIAL & ANTIMICROBIAL ALTERNATIVES

CORTERRA® SOLID SURFACE



- Corterra® is a revolutionary solid surface polymer made from recycled material
- Corterra solid surface sinks feature seamless design eliminating crevices where bacteria and mold often form
- Class A Fire Rated



SteriTouch®
ANTIMICROBIAL PROTECTION

Add SteriTouch® to any solid surface Corterra® sink and reduce the growth of harmful bacteria and mold.



SURESHIELD®
COATINGS COMPANY

Contains antimicrobial protection to inhibit the growth of odor and stain-causing bacteria, molds, mildews, and fungi on the treated surface. Add to stainless steel.



CuVerro® bactericidal copper surfaces are ideal for healthcare environments. Products made with CuVerro® can be easily installed and fit seamlessly in almost any space. These smooth surfaces are durable and easy to clean, but most importantly they actively kill infectious bacteria.

Definition of Healthcare Associated Infections (HAIs):
Infections that develop in the hospital environment that a patient did not arrive with.

- 1.7 million estimated hospital-acquired infections, resulting in approximately 98,000 deaths each year
- 5th leading cause of death nationally
- Cost \$28 to \$45 billion annually in the U.S. according to the CDC (Center for Disease Control)¹¹

DESIGNING A SAFE AND PLEASANT BATHROOM

BALANCE BETWEEN RISK, TIME & DESIGN

Today's healthcare facilities have growing and changing needs. In the design and construction process, schedules need to be met, budgets and guidelines must be followed while in some cases continuing to treat patients.

In both new construction and retrofit projects, important features to consider are ease of use, maintenance, design and durability of product.



STAY IN BUDGET
EASY-TO-INSTALL
MEET YOUR SCHEDULE

"When treatment facilities are referred to as institutions, it makes people think that seeking help is scary and prison-like. But when they are designed thoughtfully, they are places of hope and feeling and transformation."

— Alison Leonard, AIA EDAC, Cannon Design

EXAMPLE PROJECT LIST:

MARTIN LUTHER KING HOSPITAL
CUMBERLAND BEHAVIORAL HEALTH
UCSF BENIOFF CHILDREN'S HOSPITAL
SHREVEPORT PSYCH HOSPITAL
UHS BEHAVIORAL HEALTH
CHILDREN'S HOSPITAL OF LOS ANGELES
NEW BEHAVIORAL HOSPITAL-CINCINNATI
RIVER EDGE BEHAVIORAL
SUMMIT BEHAVIORAL HEALTHCARE
HARBOR OAKS
HAWAII STATE HOSPITAL

No disruptions on retrofit,
there is a savings on budget,
time and the convenience of
a facilities continued use.



NEW CONSTRUCTION & RETROFIT

TOWER HEALTH ACADIA HEALTHCARE
CLIVE BEHAVIORAL HEALTH
BELMONT BEHAVIORAL HEALTH
RIVERSIDE HEALTH
ST LUKE'S HOSPITAL
SMC SPARTANBURG REGIONAL HEALTH
ANITA BEHAVIORAL SANTA ANA
HENDERSON
WVU REYNOLDS
MERCY HOSPITAL
RSC BEHAVIORAL HEALTH
MEDSTAR BEHAVIORAL HEALTH
OCEANS HEALTHCARE
JFK MEDICAL CENTER
JPS HEALTH
BOREAL MEDICAL
GARDEN CITY HOSPITAL
AURORA HEALTH
PROVIDENCE BHU
OSCHNER BEHAVIORAL HEALTH
CHEROKEE INDIAN HOSPITAL



OUR PRODUCT CAN
WORK WITH EXISTING
WALLS AND MATCH
ROUGH INS

Example of a bathroom
that was retrofitted for the
needs of a behavioral
healthcare facility.

FLEXIBILITY

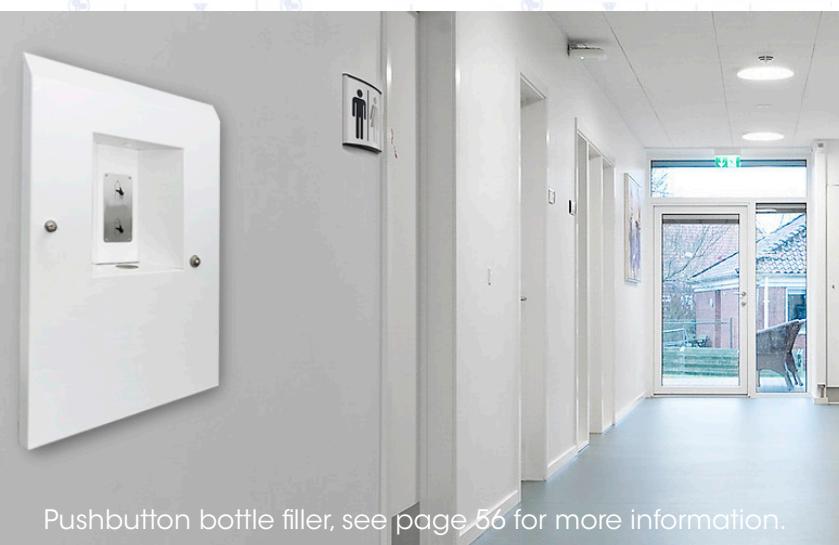
Today's healthcare facility design must be flexible and adaptable in order to meet the demands and challenges of unknown crises such as COVID-19. Now with the need to social distance, infection control and protection of the healthcare worker as well as patients, new solutions are needed in the physical environment.



Ligature-related suicides are the most common forms of suicide in inpatient settings.⁵

WORKING IN A CRISES

The design of a healthcare facility is exploring many options from single rooms, campstyle environments, flow of movement and other modular solutions. BestCare® ligature-resistant plumbing fixtures and products are great solutions.



Pushbutton bottle filler, see page 56 for more information.

A healthcare facility needs to be flexible and adapt to change in today's environment. Shifts in space, safety, size, and capacity all are factors.

ADAPT

"Whitehall has always taken constructive criticism to heart and paid attention to what we were saying. As a result of that, they have designed great products. The focus groups you are putting together to develop new products are important; kudos to you for putting in time and effort into that."

— Alison Leonard, AIA EDAC, Cannon Design

COMPLIANCE

LATEST JOINT COMMISSION STATISTICS

The environment of care is made up of **THREE BASIC ELEMENTS:**

1. **THE BUILDING OR SPACE**, including how it is arranged and special features that protect individuals served, visitors, and staff.
2. **EQUIPMENT** used to support care, treatment, or services or to safely operate the building or space.
3. **PEOPLE**, including those who work within the organization, individuals served, and anyone else who enters the environment, all of whom have a role in minimizing risks. Risks are inherent in the environment because of the types of care provided and the equipment and materials that are necessary to provide that care. The best way to manage these risks is through a systematic approach that involves the proactive evaluation of the harm that could occur. By identifying one or more individuals to coordinate and manage risk assessment and reduction activities - and to intervene when conditions immediately threaten life and health - organizations can be more confident that they have minimized the potential for harm. Risks in the environment includes safety and security for people, the handling of hazardous materials, the potential for fire, and utility systems.

THE JOINT COMMISSION

is an independent, not for profit organization. It sets the standards and establishes elements of performance for over 21,000 healthcare organizations/programs in the United States based on the CMS standards.

CMS — CENTER FOR MEDICARE AND MEDICAID Hospitals must meet eligibility standards established by the federal government in order to receive reimbursement from the federally funded programs, Medicare and/or Medicaid.

CMS has been designated as the organization responsible for accreditation of hospitals, deeming them accredited and meeting established standards



RECOGNIZING THE LIGATION POINT AND WHERE YOUR BATHROOM IS AT RISK

UNSAFE SOLUTIONS



In traditional bathroom applications, ligature points are more common than you might realize. The arrows above indicate dangerous ligature points in existing bathrooms, including sinks, toilets, showers, drains, grab bars, faucets, towel hooks and toilet paper dispensers.

As seen on the next page, BestCare® fixtures and accessories ultimately reduce ligature points to ensure a safer and more secure behavioral healthcare environment.



Ligature point —
objects or access points in an environment that can be repurposed for self harm by tying or binding a cord, rope, towel or other material.

PROTECT YOUR PATIENTS
WHERE RISK IS A CONCERN.

LIGATION-RESISTANT PLUMBING FIXTURES & ACCESSORIES

SAFE & STYLISH SOLUTIONS



SAVE A LIFE, BE PROACTIVE
AND SECURE YOUR
FACILITY'S LIGATION POINTS.

1. Sinks
2. Faucets
3. Toilets
4. Showers
5. Shower Base with Trench Drains
6. Linear Drains
7. Floor Drains
8. Grab Bars
9. Mirrors
10. Soap Dishes
11. Shelves
12. Spindle-less Toilet Paper Holders
13. Paper Towel Dispensers

OUR SUITES - DESIGNED TO WORK AS A WHOLE

FRESH BALANCE RELAX



NOTE: New product patent pending.

DIGNITY SUITE

Our Dignity Suite creates a peaceful, well balanced environment. Designed to work together as a whole, the plumbing fixtures and accessories are stylish with sleek lines for universal use, and ligature-resistant for behavioral healthcare facility needs.

1. Sinks
2. Faucets
3. Toilets
4. Showers
5. Shower Bases with Integral Trench Drains
6. Linear Drains
7. Floor Drains
8. Grab Bars
9. Mirrors
10. Soap Dishes
11. Shelves
12. Spindle-less Toilet Paper Holders
13. Paper Towel Dispensers
14. Towel/Clothes Hooks

GREAT SOLUTIONS FOR RETROFIT



STANDARD SUITE ONE

Easy installation, Universal Design and Safe!

STANDARD SUITE

Our Standard Suite creates an economical solution to the bathroom as a whole. Clean lines, soft edges, light and shape give this design a fresh look. Created to work together or as individual products, including both plumbing fixtures and accessories. A perfect fit for retrofit projects and a great solution for new construction.



STANDARD SUITE TWO



STANDARD SUITE THREE

1. Sinks
2. Faucets
3. Toilets
4. Showers
5. Shower Bases with Integral Trench Drains
6. Linear Drains
7. Floor Drains
8. Grab Bars
9. Mirrors
10. Soap Dishes
11. Shelves
12. Spindle-less Toilet Paper Holders
13. Paper Towel Dispensers
14. Towel/Clothes Hooks

NOTE: New product patent pending.

ADA LIGATION-RESISTANT SINKS



CORNER DOUBLE SOLID SURFACE STAINLESS STEEL BARIATRIC VANITY EXTRA COUNTER SPACE

Our [Ligation-Resistant Sinks](#) are designed to combine the look and feel of commercial grade designer sinks, while keeping the patient's safety in mind. BestCare® sinks are seamless, featuring an integrated bowl, backsplash, and sidesplash. Available in solid surface or stainless steel for added durability.

DESIGN



- Sleek clean design
- Space saving with extra counter
- Solid Surface seamless material
- ADA compliant
- Patent pending

CORNER EXTRA COUNTER SPACE



- Right and left versions
- Extra counter space
- Solid surface seamless material
- ADA compliant
- Stainless steel option

SOLID SURFACE VANITY



- Solid surface seamless material
- Right and left versions
- ADA compliant
- Extra counter space

SOLID SURFACE DUAL BASIN



- Multiple sinks available
- ADA compliant
- Match mirror and sink counter color, see Corterra® solid surface color options

SPACE SAVING



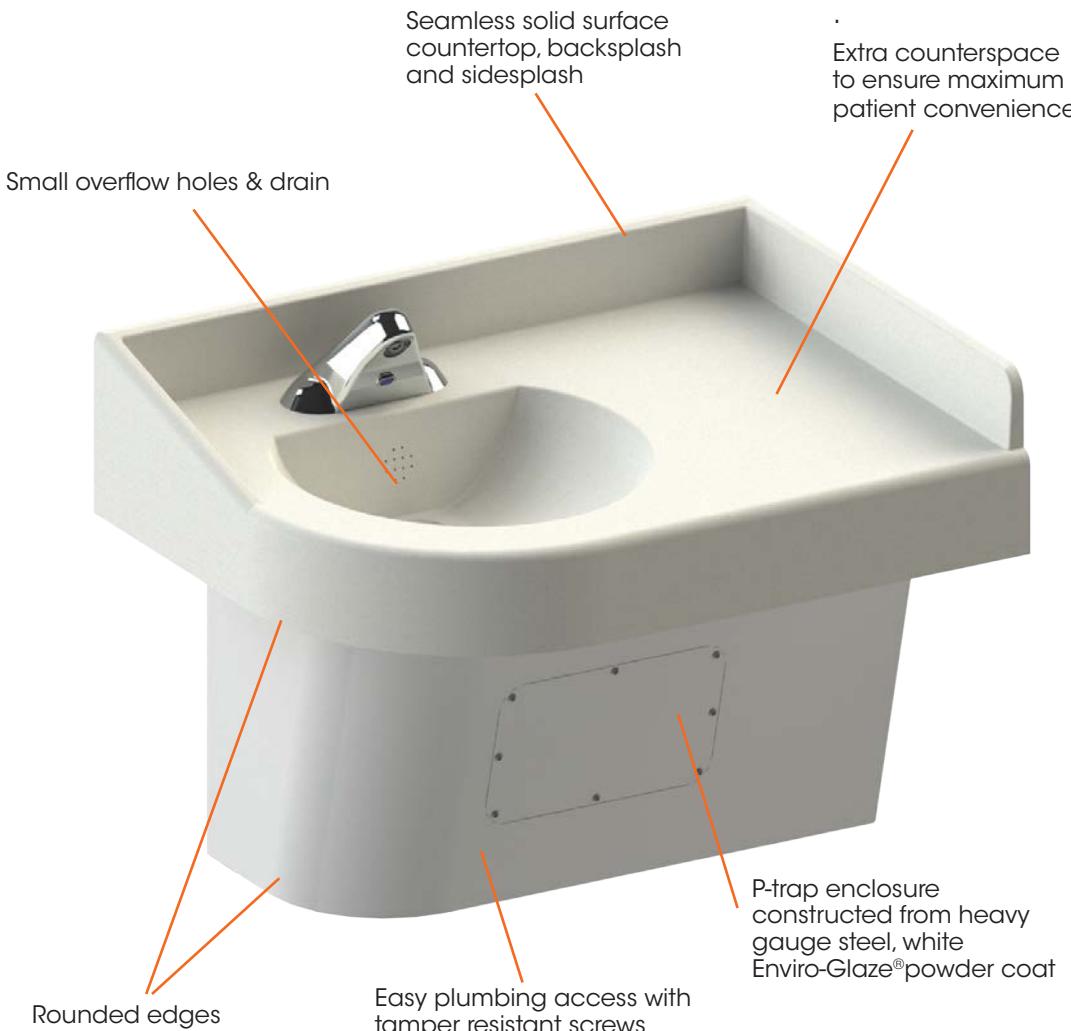
- Solid surface or stainless steel
- Small surface for space saving
- ADA compliant
- See colors available on page 31

BARIATRIC

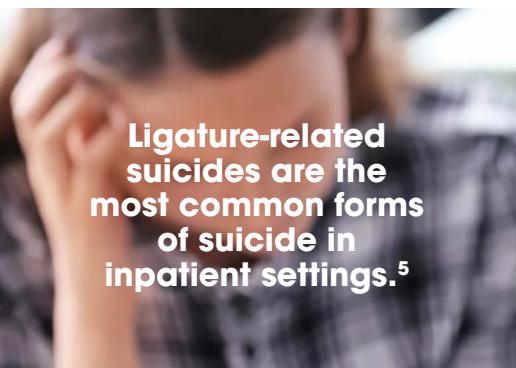


- Stainless steel sink
- Bariatric, weight bearing
- ADA compliant
- In-wall carrier required (sold separately)

ADA LIGATION-RESISTANT SINKS



- Seamless sink, countertop, backsplash, and sidesplash manufactured from Corterra® solid surface material, add SteriTouch®, which reduces the growth of harmful bacteria and mold
- Standard with an integral "D" shaped sink bowl and rear overflow
- Pair with matching solid surface Corterra® mirror
- For optimal safety, add a BestCare® faucet (sold separately)
- Sink is available in stainless steel, with optional antimicrobial powder coating



SAFETY
STYLE
WEIGHT BEARING
SPACE SAVING
PATIENT EXPERIENCE

OPTIONS

CORTERRA® SOLID SURFACE COLORS

- Corterra® is a revolutionary solid surface polymer made from recycled material
- Class A Fire Rated
- See page 73 for more info



*Standard color

Match sink with solid surface mirror, see colors above



P-trap enclosure constructed from heavy gage steel, white Enviro-Glaze® powder coat

ADD TO SOLID SURFACE MATERIAL

SteriTouch® ANTIMICROBIAL PROTECTION

Add SteriTouch to any solid surface Corterra® sink and reduce the growth of harmful bacteria and mold.

SteriTouch® and SteriTouch® logo are registered trademarks of SteriTouch Limited

LIGATION-RESISTANT FAUCETS



SENSOR MANUAL DUAL TEMPERATURE SINGLE TEMPERATURE



BestCare® ligature-resistant faucets are specially designed with sloping surfaces and minimally protruding buttons to minimize ligature points.

- The faucets come in either dual temperature or a single temperature configuration, featuring a non-splashing, non-aerated, multi-stream spray nozzle
- Designed with both new construction and retrofit in mind, the faucets come in 4" and 8" centerset and widespread configurations
- All faucets come with valves that allow the facility to time or meter the amount of water that will be delivered to the user when activated. There are two different varieties of valves - pneumatic and electronic (plug in transformer or battery operated)

SENSOR DUAL TEMPERATURE



SENSOR SINGLE TEMPERATURE



PIEZO DUAL & SINGLE TEMPERATURE



MANUAL DUAL & SINGLE TEMPERATURE



WIDESPREAD & RETROFITTABLE



VALVES



- Dual sensor gives patient choice of cold or tempered water
- Faucet is factory set to 10 second run time, can be adjusted
- Hands-free helps with infection prevention
- 8" deck plate available for retrofit

- Faucet is factory set to 20 second run time, can be adjusted
- Hands-free helps with infection prevention
- 8" deck plate available for retrofit

- Piezo button/dual temperature
- Easy touch "on"
- Faucet is factory set to 10 second run time, can be adjusted
- Available in AC plug or battery operated
- 8" deck plate available for retrofit

- Pushbutton/temperature pneumatic operation
- Factory pre-set run time, can be adjusted
- 4" and 8" centerset available

- Single tempered or dual, cold & tempered
- Hemispherical pushbutton, pneumatic valves or piezo touch-buttons
- Single temp sensor activated wide-spread electronic valve
- Widespread retrofit or new construction

- Thermostatic tempering valve that protects against dangerously hot water in any commercial sink

LIGATION-RESISTANT FAUCETS TOUCH-LESS, SENSOR FAUCETS



DUAL TEMPERATURE



SINGLE TEMPERATURE



The BestCare® sensor activated single temperature faucet will allow water to flow until hands are removed from sensor range.



- Low flow 0.5 GPM
- Heavy duty chrome plated solid brass
- Non-Aerated spray nozzle
- 4" centerset



WATCH our video demo
on sensor operated
faucets
<https://bit.ly/30bJnI4>



ADA COMPLIANT



AFFORDABLE

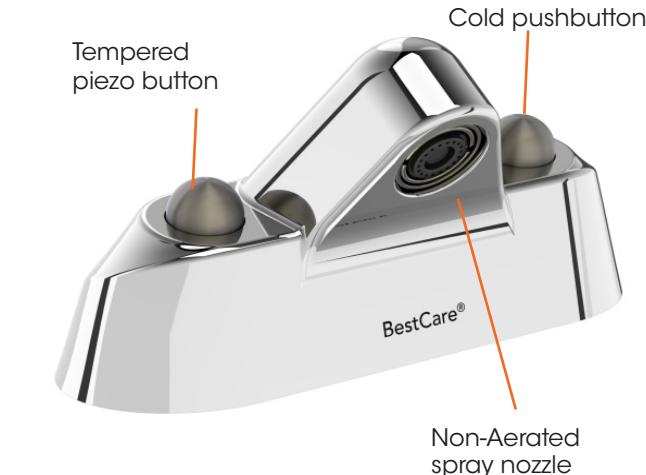


QUICK INSTALLATION



LEAD FREE

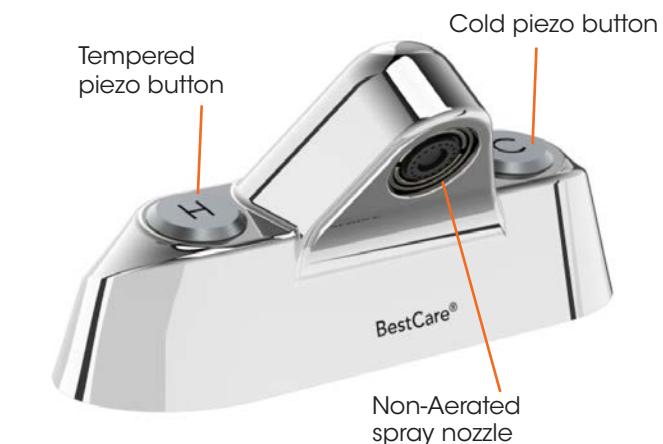
MANUAL FAUCETS



PUSHBUTTON

DOES NOT REQUIRE
ELECTRICITY

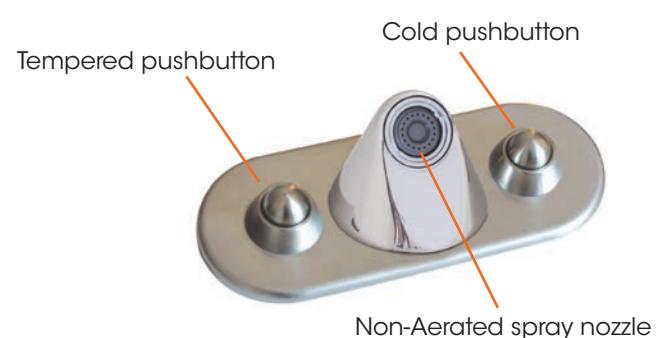
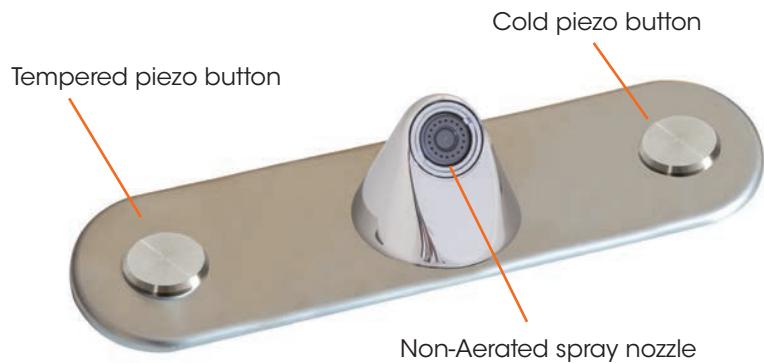
SENSOR
MANUAL
DUAL TEMP
SINGLE TEMP
WIDESPREAD
RETROFIT
NEW CONSTRUCTION



PIEZO BUTTON

- Heavy duty chrome plated solid brass
- Low flow
- Faucet is factory set to 10 second run time, can be adjusted

LIGATION-RESISTANT FAUCETS PUSHBUTTON AND PIEZO MANUAL WITH PLATES



- Single temperature or dual temperature
- Hemispherical pushbutton with pneumatic valves or piezo touch-buttons with electronic valves
- Neoperl® spray nozzle for easy replacement

ADA COMPLIANT

AFFORDABLE

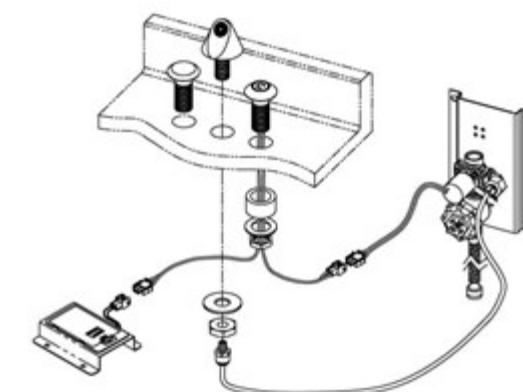
QUICK INSTALLATION

LEAD FREE

WIDESPREAD & RETROFITTABLE



The widespread faucet is designed and developed to retrofit existing lavatories, or it can be specified for new construction. Designed to be mounted on the deck of the lavatory.



- Single temperature or dual temperature
- Hemispherical pushbutton with pneumatic valves or piezo touch-buttons with electronic valves
- Single temp sensor activated widespread electronic valve

HIGH RISK FAUCET

Traditional gooseneck faucets are a primary ligature point for many in-patient suicide attempts.



GREAT FOR
RETROFIT



LIGATION-RESISTANT TOILETS & URINALS



Tank-style toilet, shown with access panel and recessed toilet paper dispenser

DURABLE
GREAT FOR RETROFIT
DESIGNED FOR
THE PATIENT

The BestCare® stainless steel toilet is designed to be wider behind the bowl, reducing potential ligature points. Made of heavy 16 gauge stainless steel with white Enviro-Glaze® powder coat, available in floor and wall waste outlet. Toilets can be modified to retrofit existing wall hung toilets with carriers and can satisfy bariatric needs. BestCare® toilets come with standard gray toilet seat (white seat is an available option).

TOP SUPPLY



- Top supply
- Gray standard seat
- Standard and ADA height
- Pair with optional flush valve with sloped cover

WALL SUPPLY



- Wall supply
- Gray standard seat
- Standard and ADA height
- Pair with optional recessed flush valve with access panel and pushbutton

TANK STYLE



- Tank style toilet with secured inner workings
- Utilizes ½" NPT supply line and floor waste connection
- Gray standard seat
- Standard and ADA height

WEIGHT-BEARING & REPLACEMENT



- Bariatric weight 5,000 pound capacity
- Gray standard seat
- Standard and ADA height
- Can be modified to match existing rough-in

URINALS



- ADA Compliant High-Efficiency Urinal is designed to minimize ligature points
- Constructed of unbreakable stainless steel with a durable white Enviro-Glaze® powder coat
- Enclosed bottom panel provided to limit vandalism yet provide access for installation and servicing

LIGATION-RESISTANT TOILET



WALL SUPPLY



TOP SUPPLY

ADA COMPLIANT

AFFORDABLE

QUICK INSTALLATION

EASY MAINTENANCE

UNIVERSAL DESIGN

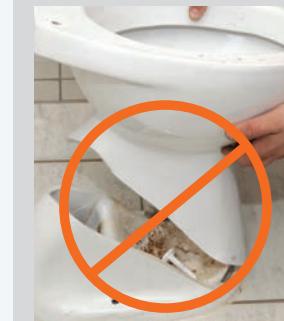
SAFETY
STYLE
WEIGHT BEARING
SPACE SAVING
PATIENT EXPERIENCE
GREAT FOR RETROFIT



TANK STYLE TOILET

- Tank style toilet with secured inner workings
- Wide toilet bowl minimizes ligature points
- Constructed from durable stainless steel with white Enviro-Glaze® powder coat

STOP DANGEROUS BREAKAGE WITH STAINLESS STEEL



Porcelain toilets can be broken, creating ligature points, sharp edges, and potentially lethal weapons. All BestCare® toilets are made out of stainless steel. BestCare® toilets provide the safety of stainless steel and are powder coated white to mitigate the institutional look of stainless steel that is commonly associated with correctional facilities (Non-powder coated stainless steel toilets are also available when requested).

WHY STAINLESS STEEL?



OUR PRODUCT CAN WORK WITH EXISTING WALLS AND MATCH ROUGH-INS
ONE SIZE FITS ALL

TOILETS ACCESSORIES



DURABLE
SLEEK DESIGN
EASE OF USE

Our Ligature-Resistant toilet accessories are designed for patient comfort while keeping the patient's safety in mind. Ease of use and installation make this great for retrofit.

SENSOR OPERATED VALVE ACTIVATION



- Sensor activated top supply flush valve with a ligature-resistant housing
- Designed with vandal-resistant hardware
- Hands-free which aides in infection prevention
- Ideal for retrofit or new construction

FLUSH VALVE COVER



- Designed to work with Whitehall top supply toilets
- ADA Accessible version offers left or right hand orientation
- For retrofit or new construction
- Choice of 1.6 or 1.28 gallons per flush

TOILET SEATS



- Made to reduce the stigma of seat-less toilets
- Contoured for comfort, with a warm residential look and feel
- Ligature-resistant toilet seat is made of impact-resistant ABS plastic
- Seat is bolted to toilet to reduce ligature points

RECESSED SUPPLY & ACCESS DOORS



- Access Panel provides entry to in-wall plumbing and electric
- Recessed flush valve includes access panel with push button for activation

GRAB BARS



- Easy to grasp with hand
- Stainless steel
- Available in Enviro-Glaze® powder coat
- Variety of lengths available from 18" to 48"
- Meets ADA requirements
- Patent pending

TOILET PAPER DISPENSER



- Fits typical size toilet paper roll
- No spindles
- Surface mounted or recessed
- Patent pending

TOILETS & URINALS ACCESSORIES

RETROFIT FLUSH VALVE COVER



ADA COMPLIANT



AFFORDABLE



QUICK INSTALLATION



EASY MAINTENANCE



UNIVERSAL DESIGN

PATIENT EXPERIENCE

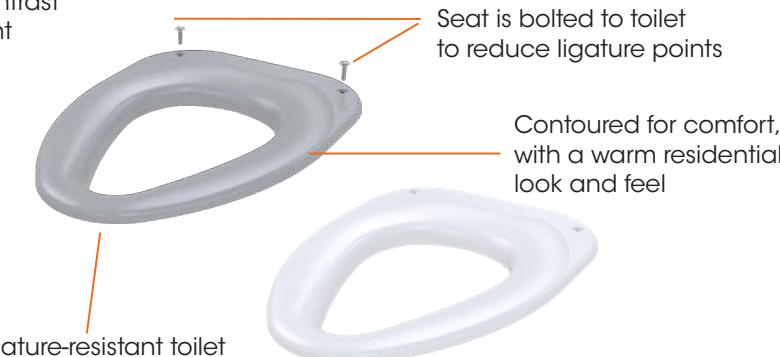
SAFETY

STYLE

GREAT FOR RETROFIT

TOILET SEATS

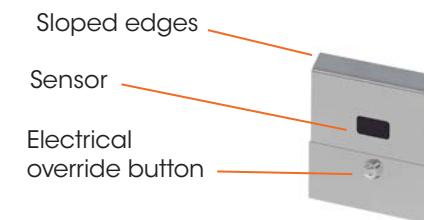
Standard gray seat provides contrast for easy sight



Ligature-resistant toilet seat is made of impact-resistant ABS plastic

Traditional toilet seats are mounted to the toilet bowl via hinges, which are dangerous ligature points. BestCare® patented toilet seats are mounted directly to the toilet bowl without brackets. BestCare® toilet seats can be removed for simple cleaning, and feature sloped edges, no lid and a curved seat.

FLUSH VALVE COVER AND SENSOR OPERATED FLUSH VALVE ACTIVATION



WATCH our video demo
How to install a toilet seat
<https://youtu.be/WaqjvVc9ISo>

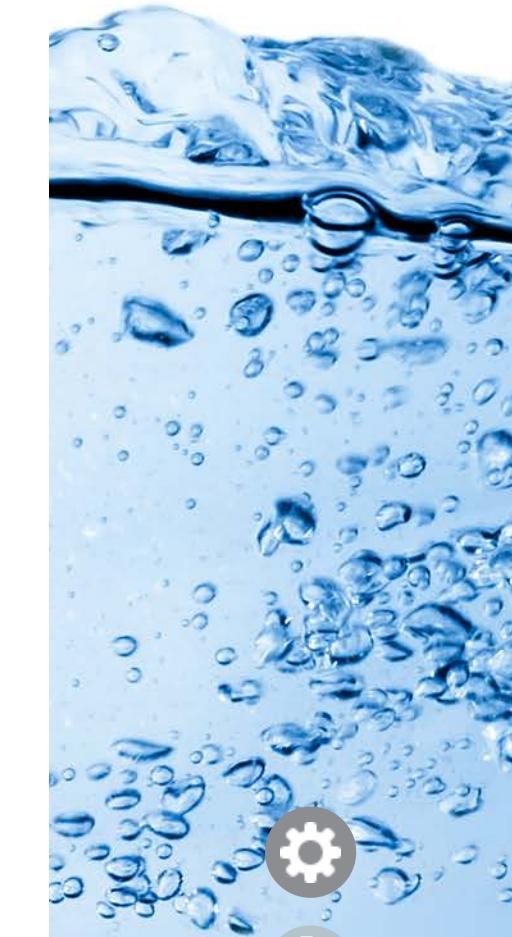
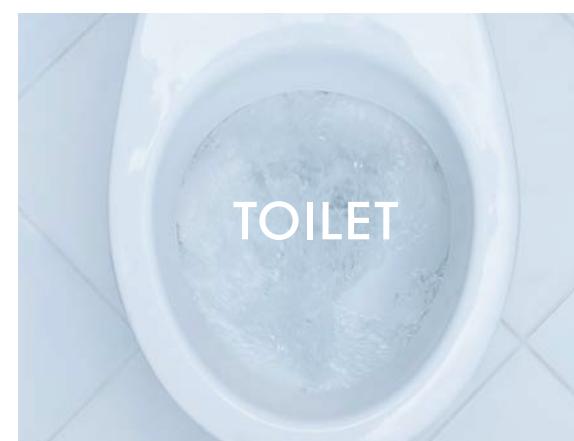
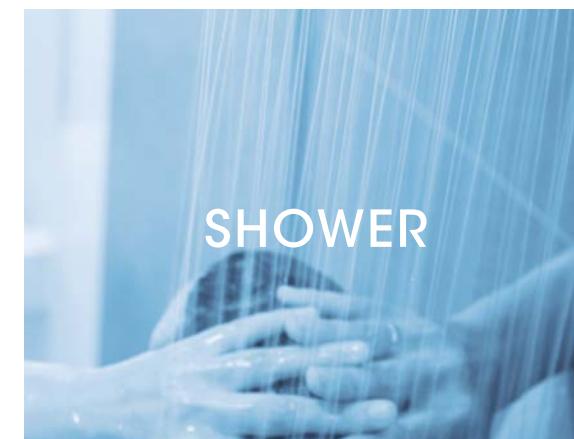
ELECTRONIC WATER MANAGEMENT SYSTEM

FAUCET, SHOWER, AND TOILET MANAGEMENT SYSTEM WITH TIME-TROL AND MASTER-TROL

- Manage water usage, ranging from one plumbing fixture to an entire facility
- Automatic toilet flood control
- Oversee shower and faucet run times



Whitehall's Electronic Water Management Systems aid facilities with water usage in patient bathrooms. Flood-Trol can automatically disable toilet flush valves putting an end to nuisance flooding, then automatically reset when safe. Help prevent patients with psychogenic polydipsia from drinking uncontrollably. Shower run times can be limited for water conservation. Ranging from an individual faucet, toilet, or shower, to entire facilities including a Building Maintenance System interface, Whitehall can help to design the perfect water management system based on your needs.



CONTROL
Fixture Use
MULTIPLE & SINGLE
Control
Reduce
Operating Costs
Save Water

WATERSENSE CERTIFIED

Whitehall Manufacturing announced that as of December 2018, Whitehall's BestCare WH2142 series toilets have been independently tested and certified to meet WaterSense standards! With the WaterSense label, these toilets are certified to use at least 20 percent less water, ultimately saving precious resources for future generations.



WH2142 SERIES TOILETS



LIGATION-RESISTANT SHOWERS



STYLE SAFETY EASE OF USE

Conventional showers feature an array of hazardous ligature points. BestCare® shower solutions include conical shower heads, ADA compliant ligature-resistant tri-lever handles, seamless panel covers and ligature-resistant shower drains.

SURFACE MOUNT



- Conical design prevents ligature-related injuries
- Single and dual shower heads available
- Temperature and pressure balancing mixing valve
- Surface-mounted for easy retrofit
- ADA compliant shower valve

RECESSED



- Conical design prevents ligature-related injuries
- Single and dual shower heads available
- Temperature and pressure balancing mixing valve
- Flush-mounted (designed for stud construction)
- ADA compliant shower valve

HAND HELD



- Comes complete as a package with ligature-resistant collapsible handheld shower mounting bracket and adapter base
- Solid brass and stainless steel construction with white Enviro-Glaze® powder coat, stainless steel and polished chrome plated finishes
- ADA compliant

SHOWER HEADS & TUB SPOUTS



- Ligature-Resistant shower head
- Ligature-Resistant tub spouts available
- ADA compliant

DIVERTERS



- Ligature-Resistant shower diverter valve to redirect flow of water from high and low positioned shower heads, between the shower head and tub spout or between shower head and hand shower
- The handle and trim matches the WHSV16 shower valve
- ADA compliant

VALVES



- Non-rising stem prevents the handle from protruding further from the wall when opened
- Patented temperature and pressure balanced valve and trim is ADA compliant

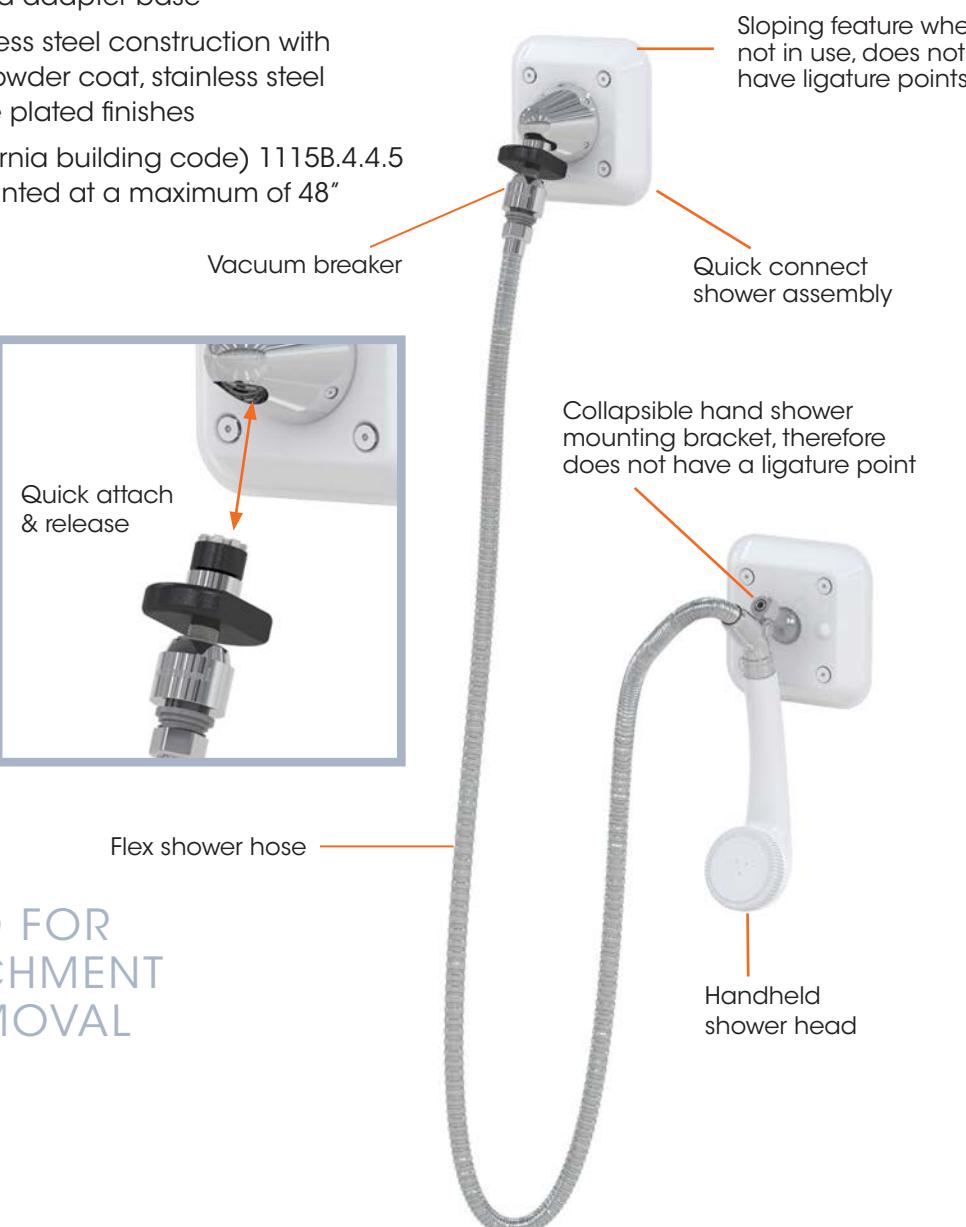
LIGATION-RESISTANT SHOWERS

HANDHELD SHOWER

- 1.5 GPM handheld shower with on/off pushbutton
- Comes complete as a package with ligature-resistant collapsible handheld shower mounting bracket and adapter base
- Solid brass and stainless steel construction with white Enviro-Glaze® powder coat, stainless steel and polished chrome plated finishes
- ADA and CBC (California building code) 1115B.4.4.5 compliant when mounted at a maximum of 48" above floor



Flex shower hose



**DESIGNED FOR
QUICK ATTACHMENT
& EASY REMOVAL**



Optional access box available for containment of hose when not in use. This product is designed for use with supervision. Place hose shower head in a safe and secure location when not in use.

ADA COMPLIANT

AFFORDABLE

QUICK INSTALLATION

EASY MAINTENANCE

UNIVERSAL DESIGN

**SAFETY
STYLE
DURABLE**

ADA SURFACE MOUNT SHOWER

Sloping feature does not have ligature points

Conical spout showerhead

Stainless steel, white Enviro-Glaze® powder coat



Second conical spout showerhead



Can be turned on with elbow

- Non-rising stem, eliminates ligature points
- Easy to turn



LIGATION-RESISTANT SHOWERS BASES WITH INTEGRAL TRENCH DRAIN



**STYLE
SAFETY
COMPLETE
SYSTEM
HELPS PREVENT
SLIP HAZARDS**

Complete your BestCare® by Whitehall bathroom with a Corterra® solid surface non-slip shower base. Various sizes and configurations are available, and are designed with an integral trench drain. Shower bases can be customized to match other solid surface products such as sinks and mirrors.

SHOWER BASE



- Multiple sizes and configurations available
- Non-slip matte finish
- Match shower bases with sinks and mirrors, see Corterra® solid surface color options

ADA SHOWER BASE



- ADA compliant, no threshold version
- Multiple sizes and configurations available
- Non-slip matte finish
- Match shower bases with sinks and mirrors, see Corterra® solid surface color options



Shower base comes in standard Corterra® Blanco. Match mirror and sink counter color. See more on Corterra® solid surface color options, page 72

RIGHT HAND VERSION



Trench drain is stainless steel with a white Enviro-Glaze® powder coat

Drain has sloped sides to keep water from pooling at the top, reducing growth of harmful bacteria

The solid surface matte finish shower base aids in slip resistance and IAPMO approved

The solid surface matte finish shower base aids in slip resistance and is IAPMO approved

ADA LEFT HAND VERSION



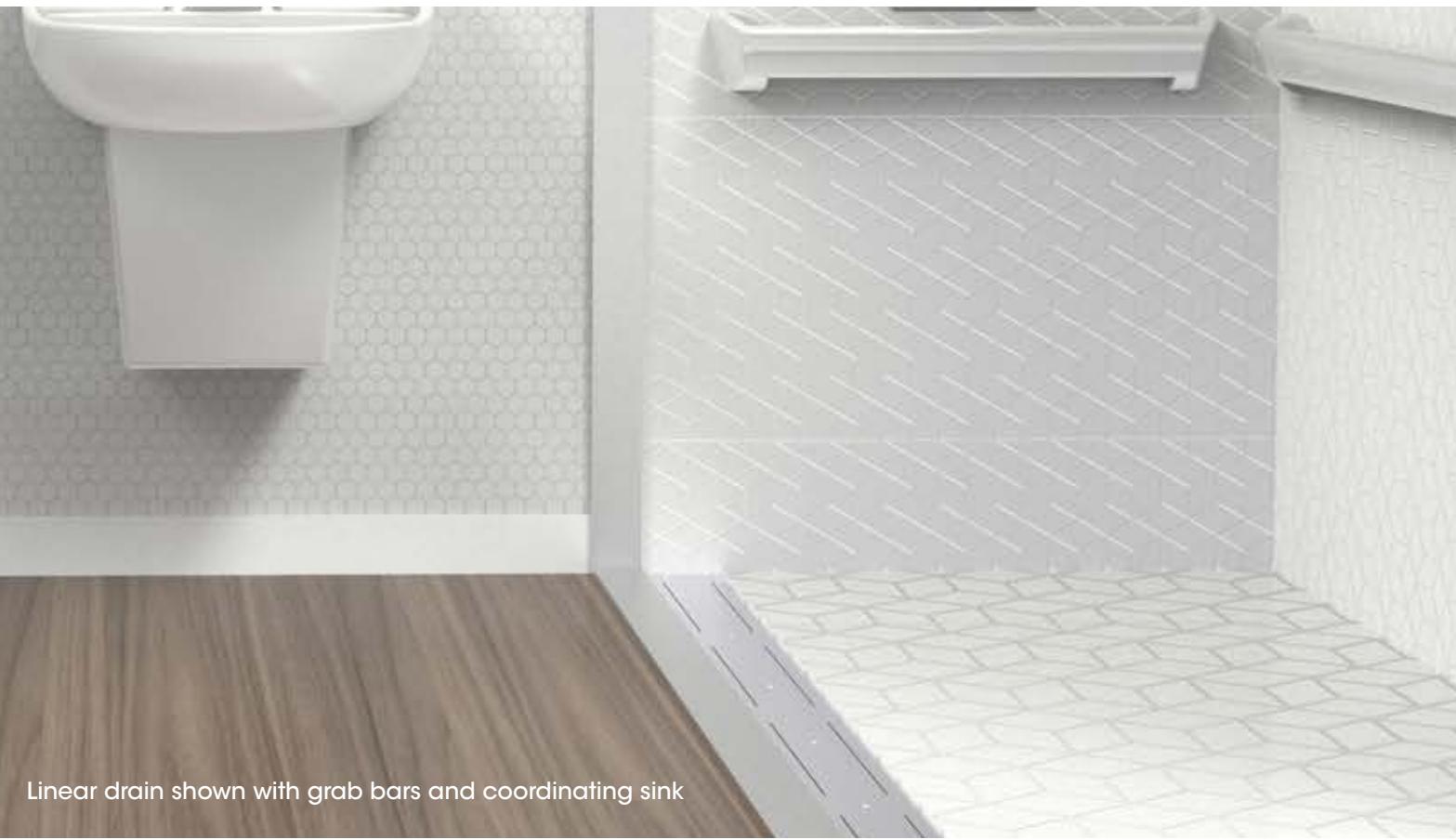
Drain has sloped sides to keep water from pooling at the top, reducing growth of harmful bacteria

No threshold

Trench drain is stainless steel with a white Enviro-Glaze® powder coat

NOTE: New product patent pending. Not all products shown are available.

LIGATION-RESISTANT DRAINS



Linear drain shown with grab bars and coordinating sink

DESIGNED WITH AN
INTERNAL GUSSET
SYSTEM TO MINIMIZE
LIGATION POINTS

DESIGNED TO HELP
PREVENT CLOGGING

AVAILABLE IN A
VARIETY OF STYLES

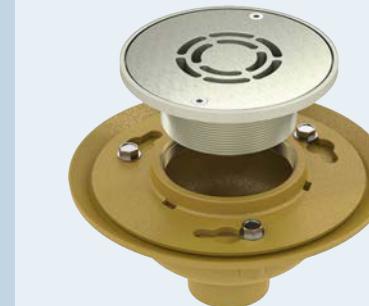


Traditional drains possess unexpected ligature points, as patients have been known to attach ligatures to drain grates to attempt self-harm. BestCare® drains come in a variety of styles that minimize ligature points while also helping to prevent intentional clogging.

LINEAR



FLOOR ROUND



FLOOR SQUARE



VINYL FLOOR



DRAIN GRATES



- Designed with a drain cover without perforations to prevent ligature points
- A hidden shield under the drain cover also prevents ligature points
- Can be used as a threshold for showers and thus making them ADA compliant

- Fabricated with a standard satin finish
- Solid cast nickel bronze construction
- 5" and 6" diameter available
- Patent pending

- Fabricated with a standard satin finish
- Solid cast nickel bronze construction
- 5" and 6" square available
- Patent pending

- The round top grate head is designed for clamping vinyl flooring or other waterproof material at the finish floor level
- Solid cast nickel bronze construction
- Patent pending

- Grate only
- Fabricated with a standard satin finish
- Solid cast nickel bronze construction
- Available in round & square, 5" and 6" diameter
- Grates available for easy retrofit and can fit many drains already installed in the floor
- Patent pending

LIGATION-RESISTANT DRAINS VINYL FLOOR DRAIN



Vandal resistant screws

Ligature-resistant nickel bronze grate

Vinyl floor head assembly

Adjustable height flashing pan

Reversible cast iron flashing collar

Cast iron 2" no hub drain body

GREAT SOLUTION FOR HIGH FOOT TRAFFIC BATHROOMS KITCHENS

- Ligature-resistant floor drain is designed with an internal gusset system in the grate assembly that helps prevent ligature points
- The round top grate head is designed for clamping vinyl flooring or other waterproof material at the finish floor level
- Reversible 4" flashing collar permits adjustment of grate to meet finished floor level
- Patent pending



DESIGNED FOR CLAMPING
VINYL FLOORING AT
THE FINISH FLOOR LEVEL.



WATCH our video demo
on our vinyl floor drains

<https://bit.ly/3jUg6th>



HELPS PREVENT
CLOGGING

SAFETY

STYLE



LINEAR FLOOR DRAIN

- Linear drains are ideal for applications where ADA accessibility is a must
- Simplicity in design and durability in construction ensure a clog-resistant alternative to traditional shower drains, helping to maintain a clean and healthy behavioral healthcare environment
- BestCare® linear drains are designed with a drain cover without perforations and a hidden shield under the drain cover which prevents ligature points
- Can be used as a threshold for showers and thus making them ADA compliant



Facility managers often report drain clogging caused by behavioral healthcare patients. The linear drain cover prevents patients from clogging drain with the length making it difficult to cover the entire drain.

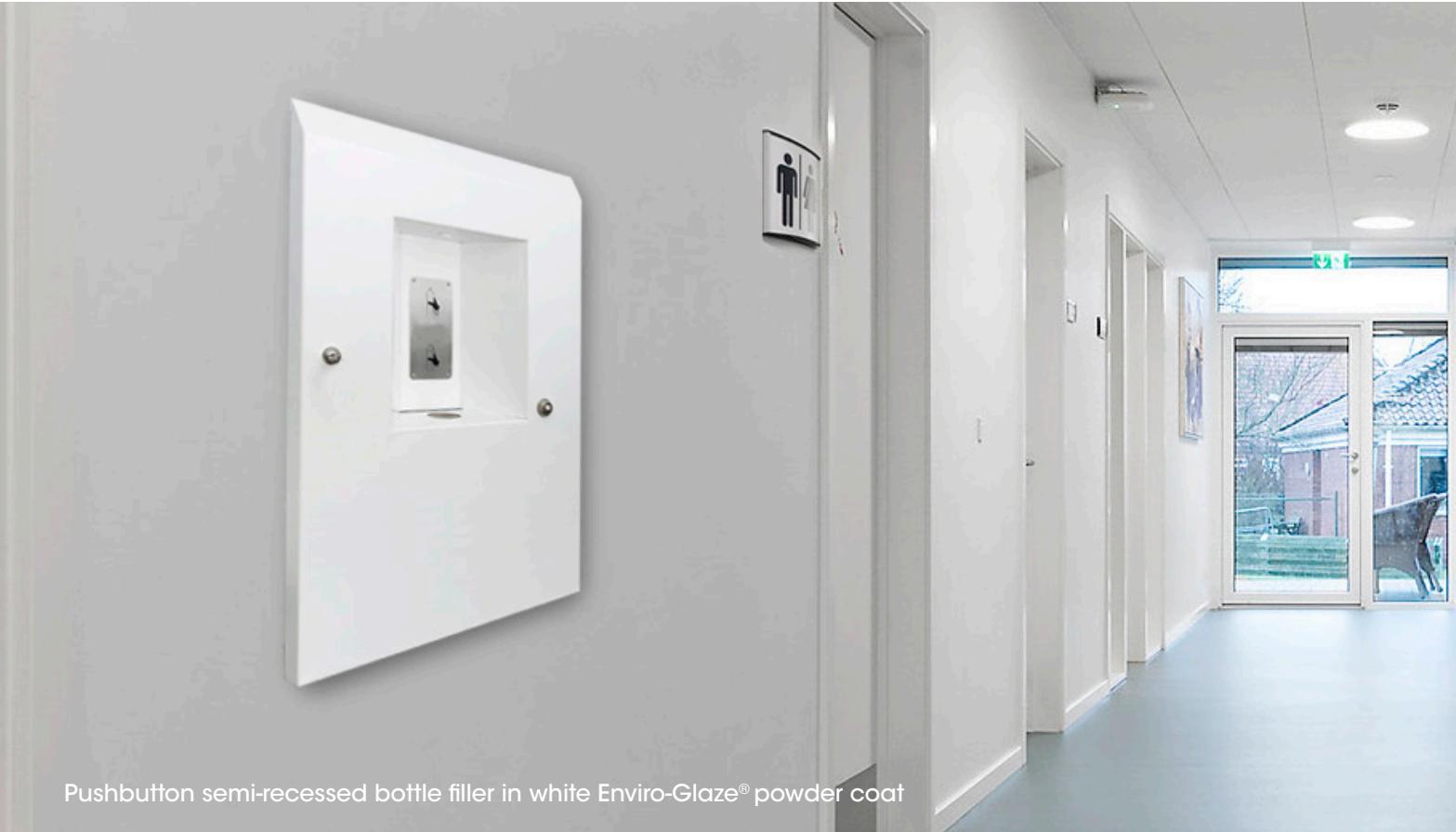


Traditional drain grates permit unsightly and unhygienic clogging of waste material and are not ligature-resistant.



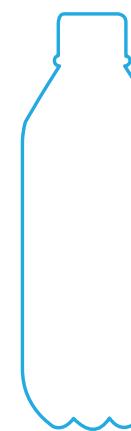
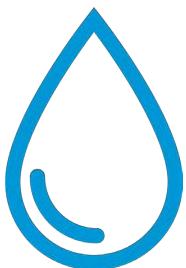
* Whitehall provides retrofit grates for applications with existing drains. For new construction, we can provide Jay R. Smith Mfg. Co. drains with entire new assembly.

LIGATION-RESISTANT BOTTLE & CUP FILLERS



Pushbutton semi-recessed bottle filler in white Enviro-Glaze® powder coat

EASY INSTALLATION
AND MAINTENANCE
QUICK FILL RATE
ADA COMPLIANT



- 18 gauge stainless steel
- Quick fill rate allows users to fill water bottles quickly
- Key latch opens adjacent hinge door for simple filter replacement and maintenance
- Widely available non-proprietary filter
- Laminar flow eliminates splash
- Satin finish stainless steel of white Enviro-Glaze® powder coat
- Easy installation and maintenance
- Optional chiller

SENSOR



- Fabricated from vandal and ligature-resistant stainless steel
- Meets ADA forward and side reach requirements
- Can be mounted in a 4" or larger wall space
- Remote chiller optional

PUSHBUTTON



- Pneumatic ligature-resistant pushbutton
- Fabricated from vandal and ligature-resistant stainless steel
- Meets ADA forward and side reach requirements
- Can be mounted in a 4" or larger wall space
- Remote chiller optional



LIGATION-RESISTANT SECTION 10 ACCESSORIES



**TAMPER-RESISTANT
STAINLESS STEEL
SOLID SURFACE
DURABLE**



The BestCare® ligature-resistant line features a wide array of restroom accessories including mirrors, toilet paper and paper towel holders, soap dishes, shelves as well as ADA accessible grab bars with ligature-resistant closure plates.

MIRRORS STAINLESS STEEL SURFACE MOUNT



- Frame has Enviro-Glaze® white powder coating
- Front mounted stainless steel with mirror finish
- Countersunk screw holes with tamper-resistant screws

MIRRORS SOLID SURFACE SURFACE MOUNT



- Frame is constructed of Corterra® recycled solid surface polymer, standard color is Blanco (White)
- Reflective surface is type 400 stainless steel polished to a mirror finish
- Designed with rounded corners making it great for ligature-resistant applications

MIRRORS CUSTOM SIZES



- Custom sizes available
- Range of Corterra® colors to match sink color
- Call for more info

TOILET PAPER HOLDERS



- Fits typical size toilet paper
- No spindles
- Surface mounted & recessed
- Patent pending

C-FOLD PAPER TOWEL HOLDERS



- The sloping top and open bays make this item ideal for ligature-resistant applications
- The open vertical bay design eliminates the need for a lock and has no moving parts that can be vandalized
- 16 gauge stainless steel construction with white Enviro-Glaze® powder coat
- One, two and three bay available
- Patent pending

TOWEL & CLOTHING HOOKS



- Adjustable hook pin design
- Towel and clothing hooks are integrated into stainless steel panel
- Provided with tamper resistant screws

GRAB BARS



- Stainless steel
- Available in Enviro-Glaze® powder coat
- Variety of lengths available from 18" to 48"
- Meets ADA requirements

SHOWER CADDY



- The sloping top makes this item ideal for ligature-resistant applications
- The open shelf design is easily inspected preventing the concealment of contraband

SOAP DISHES



- The die formed soap dish has raised dimples to provide air circulation around the soap bar, keeping it dry
- 16 gauge stainless steel construction
- Available in Enviro-Glaze® powder coat
- Tamper-resistant
- Recessed-mounted

VANITY SHELVES



- The sloping top makes this item ideal for ligature-resistant applications
- The open shelf design is easily inspected preventing the concealment of contraband
- The two-shelf design allows storage for short and tall items

SHELVES RECESSED



- Ligature-resistant stainless steel recessed shelving unit
- 16 gauge stainless steel construction
- Designed tall and deep enough to hold typical bathroom items
- 14" shelf available for stud wall constructed facilities, fits between studs that are 16" center

SHELVES SURFACE MOUNT



- Designed with sloped bookends and base to reduce ligature points
- 14 gauge stainless steel construction



ADA COMPLIANT



AFFORDABLE



QUICK INSTALLATION

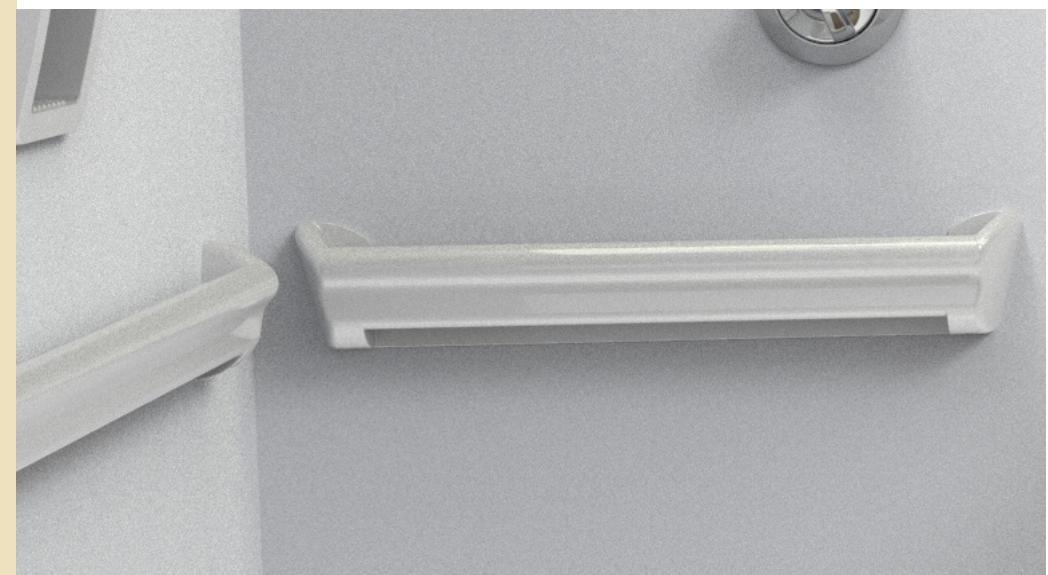


EASY MAINTENANCE



UNIVERSAL DESIGN

GRAB BARS



PATIENT EXPERIENCE

DURABLE

ROUNDED CORNERS / SLOPED EDGES



- Shape design is easy to grasp
- Softer edges, less institutional
- The bottom slopes in and 3/16" weep holes for water drainage
- Stainless steel
- Available in Enviro-Glaze® powder coat
- Variety of lengths available from 18" to 48"
- Meets ADA requirements



LIGATION-RESISTANT ACCESSORIES MIRRORS

SOLID SURFACE

Rounded corners and sloped edges

Polished stainless steel for reflection (will not break or shatter)



Concealed hardware with mounting disks and set screw to secure mirror in place



CLEAN SLEEK DESIGN
NO VISIBLE HARDWARE
FULL BODY REFLECTION
CUSTOM & LARGER SIZES AVAILABLE

- Mirror features rounded corners and concealed hardware, making this perfect for ligature-resistant applications
- The exposed frame is fabricated Corterra® solid surface polymer, standard frame color is blanco (white)
- 400-series stainless steel is polished to a mirror finish for reflection
- Mirror is provided with concealed mounting disks, to be used with installer provided fasteners appropriate to wall construction



Match mirror and sink counter color, see Corterra® solid surface color options on page 72



ADA COMPLIANT



AFFORDABLE



QUICK INSTALLATION



EASY MAINTENANCE

It sounds insignificant, but how much do you spend annually on replacement spindles?



EASY REPLACEMENTS

WITH OUR SPINDLE-LESS TOILET PAPER HOLDERS



SHOWER CADDY

Sloping top - ideal for ligature resistant applications

Open shelf design preventing the concealment of contraband

Soap dish has raised dimples providing air circulation around the soap bar, keeping it dry



DURABILITY DEMO

WATCH our video demo on the durability of our accessories

<https://bit.ly/39L7cd0>

LIGATION-RESISTANT CABINETS & ENCLOSURES



ACCESS DOORS

- BestCare® ligature-resistant access doors provide access to behind-the-wall components such as water valves and electrical lines
- Fabricated with stainless steel
- Dual lock to prevent prying door corners open

Access doors are attached with a continuous hinge and feature sloped edges to minimize ligature points



ACCESS DOORS

- Provide access to behind-the-wall components such as water valves and electrical lines
- Attached with a continuous hinge
- Feature sloped edges to minimize ligature points
- Fabricated from stainless steel
- Dual locks to prevent prying open doors.



RECESSED FIRE EXTINGUISHER CABINET

- 20 gauge steel box and door
- Sloping surfaces for safety
- Standard cylinder lock, or keyed to match other locks in facility
- White Enviro-Glaze® powder coat



SEMI-RECESSED FIRE EXTINGUISHER CABINET

- 20 gauge steel box and door.
- Sloping surfaces for safety.
- Standard cylinder lock, or keyed to match other locks in facility
- White Enviro-Glaze® powder coat



SURFACE MOUNT FIRE EXTINGUISHER CABINET

- 20 gauge steel box and door
- Sloping surfaces for safety
- Standard cylinder lock, or keyed to match other locks in facility
- White Enviro-Glaze® powder coat



FIRE EXTINGUISHER CABINETS

- The cabinet doors are attached with a continuous hinge
- All components are powder coated with an electrostatically-applied, thermally-fused, recoatable white polyester finish, custom colors available
- NOTE: Fire extinguisher not included

Standard cylinder lock, or keyed to match other locks in the facility

20 gauge steel box and door

Sloping surfaces for safety



MANUFACTURER OF HEALTHCARE PLUMBING PRODUCTS

ENGINEERING & EXPERIENCE



Whitehall Manufacturing
Manufacturer of Healthcare and Rehabilitation Products since 1946

- BEHAVIORAL HEALTHCARE - LIGATION-RESISTANT PRODUCTS
- BARIATRIC SINKS & TOILETS
- INFECTION PREVENTION SINKS
- SEAMLESS SINKS & COUNTERS
- SCRUB SINKS
- PATIENT CARE UNITS
COMBINATION TOILET & SINK
- DIALYSIS BOXES
- REHABILITATION/WHIRLPOOL

Our parent company, Whitehall Manufacturing® is a North American manufacturer that serves the healthcare and rehabilitation markets with nearly 75 years in the market. Our products are manufactured from high-quality, durable materials that work reliably year after year.



HISTORY IN THE INDUSTRY

Founded in 1946, Whitehall Manufacturing celebrates over 70 years in the healthcare plumbing industry.

ON SITE FACILITY TRAINING

We work with each individual application to ensure professional on-site design, training and start up.

DESIGN CONSULTATION & SUPPORT

We personally guarantee the perfect fixture every time, from initial design to follow-up support

QUALITY CRAFTSMANSHIP

Whitehall fixtures are constructed with only the highest-grade materials, from stainless steel to solid surface polymer.

DEDICATED CUSTOMER SERVICE

Our trained, tried and true representatives are devoted to providing only the highest quality customer service.

PLUMBING/CODE EXPERTS

- Design to ADA standards
- Design to bariatric requirements
- Design for behavioral healthcare
- Universal Design
- Design to individual state requirements
- International expertise, with offices in Canada, Mexico, the UK and Dubai
- Domestic and International codes - CSA, UL, FDA approvals



Whitehall Manufacturing was founded in New Jersey in 1946. It was a key manufacturer of whirlpools designed to treat injured soldiers after World War II. Since then, Whitehall has attained and established a myriad of healthcare and rehabilitation lines. Introduced in 2013, our BestCare® ligature-resistant fixtures minimize ligature points to reduce risk and enhance patient well being in behavioral healthcare facilities.

OUR OTHER COMPANIES - ALL ABOUT WATER
Learn more on the following pages about vacuum plumbing, water management, tempered water control.



ACORNVAC VACUUM PLUMBING



Healthcare plumbing designed for today... Flexible for tomorrow

Is your physical space or plumbing holding you back from implementing new models of care?

AcornVac Vacuum Plumbing Systems create a new paradigm where real flexibility in use of space is possible, and making changes in existing facilities or repurposing commercial or retail space for healthcare use is feasible.....without disruption!



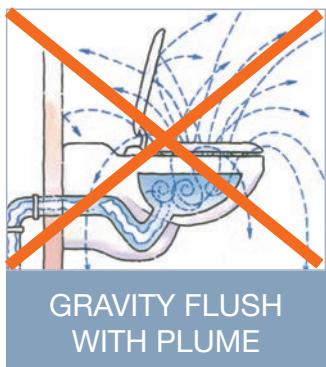
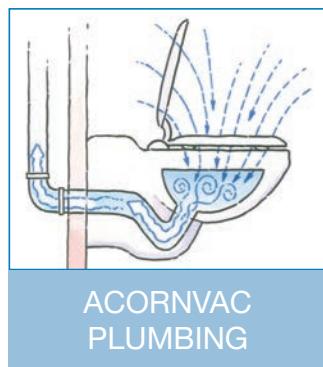
Water supply and now waste piping can be routed to the ceiling above.

ENHANCE
INFECTION PREVENTION

ELIMINATE
CONSTRUCTION INTERRUPTIONS

CONTROL
FACILITY WATER & WASTE

VACUUM PLUMBING PREVENTS
INFECTION AND ELIMINATES
UNSANITARY FLUSH PLUME.



DELIVER SAFE
TEMPERED WATER
PATIENT SAFETY
PREVENT SCALDING
LEAD FREE
WATER SAVING



CONTROLS - TEMPERING PRODUCTS



Reduce your facility's water usage while adding safety control

- Full range of mixing valves for single or multiple fixtures and any flow rate
- Fully IAPMO Certified to meet ASSE Standards
- Manufactured, assembled and tested in-house
- Allows higher temperature water in supply lines, tempered for user safety at point of use, to help control Legionella
- Lead-free



Acorn Controls® knows mixing valves. Since 2013, Acorn Controls® has blended decades of experience and expertise with the newest technologies. From a simple mixing valve under a sink for tempered water, or a shower valve that is both temperature and pressure balanced, to the Command Station™ and Acorn BASyC™ that manage and monitor an entire healthcare facility or commercial building, Acorn Controls™ has options for every use.

CUSTOM SINKS



Whitehall's Solid Surface Sinks eliminates cracks and crevices that create a perfect site for the growth of bacteria and mold.

Custom sinks are available in a variety of sizes and configurations. We can vary the sink color, size, depth, counter and surrounding area to fit the needs of the end user.

**CUSTOM SIZES
STAINLESS STEEL
SOLID SURFACE
VARIOUS SHAPES
INFECTION PREVENTION**



CORTERRA® SOLID SURFACE

- Corterra® is a revolutionary solid surface polymer made from recycled material
- Class A Fire Rated
- Pair a sink with a matching solid surface mirror.

COLORS

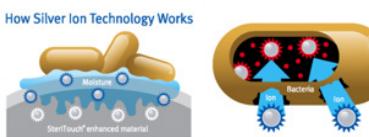


*Standard color

TOOLS & INFORMATION

ADD TO SOLID SURFACE FOR INFECTION CONTROL

SteriTouch® ANTIMICROBIAL PROTECTION



SteriTouch® and SteriTouch® logo are registered trademarks of SteriTouch Limited

Add SteriTouch to any solid surface Corterra® sink and reduce the growth of harmful bacteria and mold.
How does SteriTouch work?

- A permanent antimicrobial additive is embedded into the solid surface material of the sink to discourage odorous bacteria, by use of silver ion technology
- Silver ions embedded in the material substrate are released via ambient moisture and enter the cell membrane
- Silver ions destabilize cell membrane, stop respiration and inhibit cell division, whilst blocking the replica.

ADD TO STAINLESS STEEL FOR INFECTION CONTROL

SURESHIELD COATINGS COMPANY



Contains antimicrobial protection to inhibit the growth of odor and stain-causing bacteria, molds, mildews, and fungi on the treated surface.

- For healthcare applications, stainless steel can be manufactured with a Sureshield Anti-Microbial coating
- Sureshield can be applied directly on stainless steel or to Enviro-glaze powder coat

How does Sureshield work?

- Contains antimicrobial protection to inhibit the growth of odor and stain-causing bacteria, molds, mildews, and fungi on the treated surface
- Tests show after 24 hours, the number of living microorganisms on the Sureshield coated metal are immeasurable by standard lab equipment



CuVerro® bactericidal copper surfaces are ideal for healthcare environments. Products made with CuVerro® can be easily installed and fit seamlessly in almost any space. These smooth surfaces are durable and easy to clean, but most importantly they actively kill infectious bacteria.



Whitehall's optional Enviro-Glaze® powder coat finish can be a functionally clean alternative to a standard stainless steel finish. Enviro-Glaze® finishes are electrostatically spray-applied and cured in an excess of 400°F, bonding to the metal for a crack, chip and bubble resistant surface. The unit maintains corrosion resistance and is easy to clean, while maintaining longevity & durability.

SHOWROOMS

MAKE AN APPOINTMENT TO VISIT OUR CITY OF INDUSTRY SHOWROOM
or SCHEDULE AN APPOINTMENT WITH
WHITEHALL/ACORNVAC HEALTHCARE MOBILE SHOWROOM



EDUCATION & WEBINARS

Contact us for more information: info@whitehallmfg.com



WEBINARS:

- Behavioral Healthcare Design
- Healthcare Plumbing Products
- Infection Prevention



WHITEHALL CEU COURSES:

- Advances in Plumbing Healthcare Design
- Ligature-resistant solutions for Behavioral Healthcare Facilities
- Wash Your Hands One More Time



WATCH OUR DEMO VIDEOS

- BestCare® Ligature-Resistant FAUCETS: <https://bit.ly/30bJnI4>
- BestCare® Ligature-Resistant DRAINS: <https://bit.ly/3jUg6th>
- BestCare® FLUSH VALVE COVER: <https://bit.ly/3eNmR4>
- BestCare® TOILETS: <https://youtu.be/WaqjvVc9ISo>
- BestCare® Ligature-Resistant MIRRORS: <https://bit.ly/2Z2ae8I>
- BestCare® Ligature-Resistant DURABILITY: <https://bit.ly/39L7cd0>

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CITATIONS

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12. Forbes published a study by Qualtronics on what people reported in the United States, UK, France, Germany, Singapore, Australia, New Zealand.
13. according to a viewpoint piece in JAMA Psychiatry
14. Joshua C. Morganstein, MD, said at the American Psychiatric Association (APA) Spring Highlights Meeting

75% of suicides
take place in the
inpatient restroom⁵

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