



FALL MANAGEMENT SOLUTIONS

ABOUT CURBELL

A LONG HISTORY IN THE INDUSTRY

Curbell has been supplying hospitals and long-term care facilities with innovative products for over 60 years. We have strong relationships with bed, television, and nurse call system manufacturers, and we work closely with them to ensure that our products work properly and safely with all types of equipment. Most importantly, we work with you, to create custom solutions that meet your requirements and specifications.

EXPERIENCE IN NURSE CALL

Fall management isn't limited to just having an alarm sound in the patient's room — it's becoming more common, and more important to have some notification at your nurses' station. From our beginning, Curbell has been involved in connecting our equipment to various types of nurse call systems. Since then, we've become an industry leader in nurse call system integration, and we use this expertise to make sure that our equipment properly interfaces with your nurse call system, no matter what kind it is.

OUR COMMITMENT TO QUALITY

Quality is much more than an adjective used to describe our products. For us, it's an entire system that guides the design and manufacture of those products, many of which are regulated medical devices. Our Quality and Regulatory team understands the procedures necessary for assuring compliance with all applicable industry standards so we can make sure that our patient monitoring accessories meet (and often exceed) these standards. For our customers, this diligence and assurance delivers peace of mind.

ISO 13485:2016 • QMSR Compliance • AAMI/EC53 • UL Testing Capabilities • Nurse call products conform to UL 1069 • C-TPAT • RoHS • REACH

KEEPING YOUR STAFF IN MIND

We know that how our products work with your patients is as important as how your staff works with our products. During the design process, we meet with staff members and perform tests in facilities to make sure these products are reliable, flexible, durable, and easy to use. Our knowledgeable sales representatives can help you select the right system, and instruct your staff on its use.

UP TO
1,000,000
HOSPITAL PATIENTS
FALL EACH YEAR¹

UP TO
30%
OF THOSE FALLS
RESULT IN AN INJURY²

HOSPITALS PAY
\$64,526
ON AVERAGE FOR A FALL
WITH A SERIOUS INJURY³

Curbell's full line of fall management monitors and sensors makes it easy to achieve your fall reduction goals and minimize injuries. They're simple for your staff to use and full of features to make it easier to provide your patients a safer, more comfortable environment.

1. Currie LM. Agency for Healthcare Research and Quality; 2008 Preventing Falls and Fall-Related Injuries in Hospitals, David Oliver, MD, FRCPa,*; Frances Healey, RN, BScb, Terry P. Haines, B. Physiotherapy Hons, Grad. Cert. Health Economics, PhdC

2. Wu S, Keeler, et al. A cost-effectiveness analysis of a proposed national falls prevention program. Clin Geriatr Med. 2010; 26:751-766.

3. Dykes PC, Curtin-Bowen M, Lipsitz S, Franz C, Adelman J, Adkison L, Bogaisky M, Carroll D, Carter E, Herlihy L, Lindros ME, Ryan V, Scanlan M, Walsh MA, Wien M, Bates DW. Cost of Inpatient Falls and Cost-Benefit Analysis of Implementation of an Evidence-Based Fall Prevention Program.

JAMA Health Forum. 2023 Jan 6;4(1):e225125. doi: 10.1001/jamahealthforum.2022.5125. PMID: 36662505; PMCID: PMC9860521

WE'RE HERE TO HELP

We've teamed up with industry experts to offer a variety of fall management resources that will be helpful to you and your staff whether you use our products or not. Look for tips throughout this catalog:



Visit our website for articles, recorded webinars, links to our podcasts, and more.

www.curbellmedical.com/fall-management-resources/



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THE BC600 CORDLESS MONITOR

THE CORE OF OUR 360° FALL MANAGEMENT SOLUTION

The center of our 360 Degree* Fall Management solution is the BC600 Cordless Monitor. Designed with the daily needs of caregivers in mind, the BC600 offers simplicity and ease of use. It can be paired with multiple cordless sensors simultaneously to facilitate timely mobility assistance to help keep your patients safe from falls.



* Many structural factors like metal, body mass, and other construction materials can reduce range and performance. See the products' Directions for Use for more information.

BC600 CORDLESS MONITOR

The BC600 is the core of our clinician-friendly system. With simple controls and clear indicators on the front, staff can easily see the status of the monitor and cancel alarms.

It can be used with both cordless and corded sensors, and offers the versatility of being able to be paired with multiple cordless sensors including bed, chair, floor, and motion sensors (ideal for bathroom monitoring that allows for patient privacy and dignity). With a BC600 ready to go in every room, you can just swap out the appropriate sensors in the room as needed.

FLEXIBILITY

- ▶ Can be mounted up to 60 feet from cordless sensors
- ▶ Nurse call jack allows direct notification to nurse call
- ▶ Volume has three different levels with a silent alert option (when connected to nurse call) to reduce alarm fatigue and not cause the patient to restrain their movement (in compliance with CMS Guidance §483 11-28-17)*
- ▶ Delay control helps prevent false alarms when the patient momentarily moves off the sensor pad
- ▶ Tone switch allows to designate one of three settings according to facility preference or to dedicate to a specific patient
- ▶ AC adaptor option extends battery life, reducing maintenance and replacement costs
- ▶ Plastic strap and plastic wall mount bracket are included with the monitor (additional compatible bed and chair bracket options are also available — see page 15)

DURABILITY AND SAFETY

- ▶ Strain relief on the bottom of the monitor helps prevent damage to the cord when using with a corded sensor pad
- ▶ Durable thick plastic casing and impact-resistant protective rubber boot reduces replacement/repair costs
- ▶ Conforms to UL 1069 to ensure nurse call compatibility, safety, and durability
- ▶ Two year warranty

Designed with nursing input for ease of use



Controls for Volume, Tone, and Delay are kept out of sight in the battery compartment



Nurse call jack allows direct notification to nurse call



Cleanable plastic strap (more mounting options are shown on page 15)

A BC600 IN EVERY ROOM

Every patient in your care has different levels of fall risk, and what works for one patient might not be ideal for another. Putting a BC600 in every room simplifies your fall management program by allowing your staff to focus on what type of sensors are best for each patient.



Patient 1

This patient is typical, and only needs monitoring while in bed with a bed sensor pad.



Patient 2

This patient is more mobile, and benefits from bed and chair sensor, and a floor mat sensor.



Patient 3

For patients who are able to leave their room, the Wireless Alert Wristband is the ideal choice.



Patient 4

This patient gets up often at night, so a wireless motion sensor gives them safety and privacy.

FALL MANAGEMENT SOLUTIONS FOR: THE PATIENT ROOM



CARE TEAM TIP

Raise the bed to measure the hip or knee angle to determine proper bed height. The height of the patient's hip or knee angle should be greater than 90° with feet flat on the floor. The next step is to place a marker on the wall at the head of the bed, informing all care providers the proper bed height for that patient to safely rise to stand from the bed, or lower to sit on the bed.

Since patients are unattended much of the time while in their room, there's a much higher chance of fall than in other parts of your facility. Curbell's simple fall management solutions help minimize falls when they make unattended exits from the bed and chair in their room.

THE PATIENT ROOM SOLUTION:

The solution is centered around the BC600 Cordless Monitor. It features an audible alarm as well as a connection for your nurse call system. It can connect to up to three sensors simultaneously. A common use is to place a sensor pad under the sheet on the bed, as well as on a chair. When a patient attempts to leave the bed or chair, an alarm will sound. And since the sensor pads are cordless, there are no cords to trip over.



1

BC600 CORDLESS MONITOR

- ▶ Simple and quick setup – wirelessly pair the sensor pad or plug it into the monitor and it's ready to go
- ▶ Easy to use – intuitive operation with no complex settings to deal with
- ▶ Curbell will assist in training for your staff

PAGE 4

2

BED AND CHAIR SENSOR PADS

- ▶ To meet the needs of different patients and situations, Curbell's sensor pads are available in a variety of sizes and styles
- ▶ 18-month bed pads fold for easy storage
- ▶ Choose from corded and cordless pads

PAGE 16



3

JUMPER CABLE

Connect the monitor to the nurse call system with a jumper cable and the alarm will sound at the nurse's station.

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4

PERFORMANCE MAT

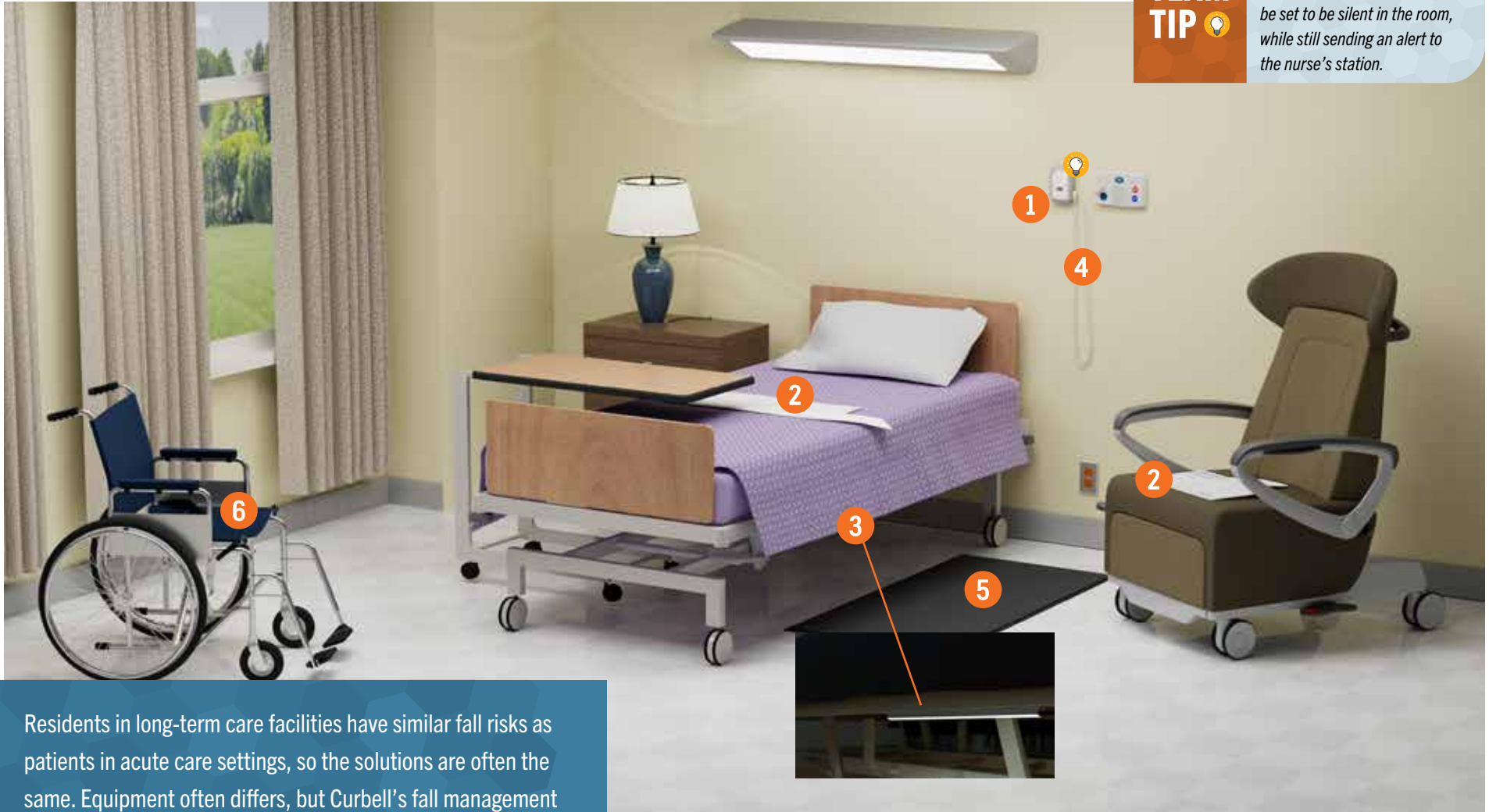
The Performance Mat is placed near the patient's bed to protect from injury from a fall.

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FALL MANAGEMENT SOLUTIONS FOR: LONG-TERM CARE

CARE TEAM TIP

Use a silent alert to eliminate alarm noise and satisfy CMS guidelines. Our monitors can be set to be silent in the room, while still sending an alert to the nurse's station.



Residents in long-term care facilities have similar fall risks as patients in acute care settings, so the solutions are often the same. Equipment often differs, but Curbell's fall management monitors are compatible with all nurse call systems, from a system that has been installed for decades to one that was installed yesterday.

THE LONG-TERM CARE SOLUTION:

The solution is centered around the BC600 Cordless Monitor. It features an audible alarm as well as a connection for your nurse call system. It can connect to up to three sensors simultaneously. A common use is to place a sensor pad under the sheet on the bed, as well as on a chair. When a patient attempts to leave the bed or chair, an alarm will sound. And since the sensor pads are cordless, there are no cords to trip over.



- 1** **BC600 CORDLESS MONITOR**
- ▣ Simple and quick setup – pair the sensor pad or plug it into the monitor and it's ready to go
 - ▣ Easy to use – intuitive operation with no complex settings to deal with
 - ▣ Curbell will assist in training for your staff

PAGE 4

- 2** **BED AND CHAIR SENSOR PADS**
- ▣ To meet the needs of different patients and situations, Curbell's sensor pads are available in a variety of sizes and styles
 - ▣ Choose from corded and cordless pads
 - ▣ Under-Mattress pads increase comfort and cut down on cleaning

PAGE 16

- 3** **SAFE MOBILITY LIGHT**
- ▣ Automatically turns on when a senior leaves the bed
 - ▣ Can send an alarm through the nurse call system
 - ▣ Easily installs on existing beds without reducing comfort

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- 4** **JUMPER CABLE**
- Connect the monitor to the nurse call system with a jumper cable and the alarm will sound at the nurse's station.

PAGE 29



- 5** **FLOOR MAT SENSOR**
- Curbell's Floor Mat Sensors can be placed near beds, chairs, and doorways to alert staff if a resident attempts to stand or walk.

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- 6** **SEAT BELT SENSOR**
- In addition to setting off an alarm when unfastened, the Seat Belt Sensor also helps keep the resident from sliding down the chair.

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FALL MANAGEMENT SOLUTIONS FOR: THE BATHROOM



Falls in bathrooms are particularly hazardous due to the close environment and multiple hard and/or sharp surfaces that individuals strike during the descent to the floor. A fall management solution from Curbell can help minimize falls.

CARE TEAM TIP



A major reason for falling from the patients' perspective is the need to toilet. Placing a wireless motion sensor at the entrance way of the bathroom will notify staff that toileting assistance is needed.

THE BATHROOM SOLUTION:

The CS-WMS Wireless Motion Sensor provides reliable infrared motion detection in light and dark conditions. It can be used as a standalone device or as an accessory for the BC600 monitor. When a patient passes through the detection area, the CS-WMS will be triggered and will either sound an alarm or send a wireless signal to the BC600 to alarm.



1

WIRELESS MOTION SENSOR

- ▶ Compatible with BC600 cordless monitors
- ▶ Narrow detection angle with adjustable distance
- ▶ Can be mounted on a wall above a bed, chair, doorway, or above a toilet

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2

BC600 CORDLESS MONITOR

- ▶ Simple and quick setup – plug the sensor pad into the monitor and it's ready to go
- ▶ Easy to use – intuitive operation with no complex settings to deal with
- ▶ Curbell will assist in training for your staff

PAGE 4



3

TOILET SEAT SENSOR

The Toilet Sensor mounts discreetly underneath the toilet seat so that a resident can be monitored by staff without a loss of privacy.

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4

JUMPER CABLE

Connect the monitor to the nurse call system with a jumper cable and the alarm will sound at the nurse's station.

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CARE TEAM TIP

Install two fold-down grab bars on each side of the toilet, as opposed to wall-mounted grab bars. Research found that almost four times more falls occurred with wall-mounted vertical grab bars.¹



1. Minnesota Hospital Association; "Creating a Safe Environment to Prevent Toileting Related Falls", 2014

FALL MANAGEMENT SOLUTIONS FOR:

THE EMERGENCY DEPARTMENT



CARE TEAM TIP

For early detection, place the sensor pad under the patient's shoulder blades instead of the hips.

Your ED is a busy place, and busy EDs serve large numbers of vulnerable patients who are susceptible to falls. Curbell's easy-to-use fall management products can assist in reducing falls and increasing response time in your busy ED. Using our system with vulnerable patients alerts your staff if a patient leaves the stretcher so that they can assist before a fall takes place.

THE EMERGENCY DEPARTMENT SOLUTION:

The solution is centered around the BC300 Corded Monitor. It features an audible alarm as well as a connection for your nurse call system. It connects to one of our bed sensor pads, which is placed under the sheet and will trigger the alarm when a patient attempts to leave the stretcher.



Under-Mattress Pad



Snap-Pad

1

BC300 CORDED MONITOR

- ▣ Simple and quick setup – plug the sensor pad into the monitor and it's ready to go
- ▣ Easy to use – intuitive operation with no complex settings to deal with
- ▣ Curbell will assist in training for your staff

PAGE 14



3

JUMPER CABLE

Connect the monitor to the nurse call system with a jumper cable and the alarm will sound at the nurse's station

PAGE 29

2

UNDER-MATTRESS SENSOR PADS

- ▣ 18-month Under-Mattress Sensor Pads stay out of the way and are always ready to use
- ▣ Eliminates the discomfort caused by over-the-mattress pads
- ▣ Stays with the stretcher and always ready to use
- ▣ Doesn't require regular cleaning
- ▣ Compatible with most mattresses, fitting onto the center panel of most beds

SNAP-PADS

- ▣ Snap-Pads are replaced between each patient
- ▣ Can be used wired or wirelessly

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BC300 CORDED MONITOR

The BC300 monitor is made for easy common day-to-day caregiver use. It facilitates timely mobility assistance to help keep your patients safe from falls by alerting staff that a patient has moved off of a sensor pad, which can indicate their intention to exit the bed or chair. Since it's corded and physically connected to a sensor pad, it's perfect for hectic environments like the Emergency Department where equipment often goes missing.

EASE OF USE

- Simple set up — just plug in the pad and it's ready to go
- Dedicated controls for Reset, Volume, Delay, and Tone
- "REPLACE BATTERY", "SIGNAL LOSS", and "REPLACE SENSOR" indicator LEDs show status at a glance

FLEXIBILITY

- Nurse call jack allows direct notification to nurse call
- Volume has three different audible levels with a silent alert option (when connected to nurse call) to reduce alarm fatigue and not cause the patient to restrain their movement (in compliance with CMS Guidance §483 11-28-17)*
- Delay control helps prevent false alarms when the patient momentarily moves off the sensor pad
- Tone switch allows to designate one of three settings according to facility preference or to dedicate to a specific patient
- AC adaptor option extends battery life, reducing maintenance and replacement costs
- Plastic strap and plastic wall mount bracket are included with the monitor (additional compatible bed and chair bracket options are also available — see page 15)

DURABILITY AND SAFETY

- Strain relief on the bottom of the monitor helps prevent damage to the cord when using with a corded sensor pad
- Durable thick plastic casing and impact-resistant protective rubber boot reduces replacement/repair costs
- Conforms to UL 1069 to ensure nurse call compatibility, safety, and durability
- Two year warranty



Controls for Volume, Tone, and Delay are kept out of sight in the battery compartment



Nurse call jack allows direct notification to nurse call



Cleanable plastic strap

MOUNTING YOUR MONITORS

The BC300 and BC600 monitors feature a clip on the rear of the monitor that allows them to be mounted onto a wheel chair, or onto any of the optional mounting brackets shown below.



A plastic loop is supplied with every monitor. Just slip the loop through the bracket and hang the monitor on a wheelchair or bed rail.



The clip slides easily into any of the mounting brackets below so you can mount the monitor virtually anywhere.



BED MOUNTING BRACKET

MODEL: CSM-BMB
Adjustable to fit 7/8" to 2 5/8" width headboards and footboards.



STRETCHER MOUNTING BRACKET

MODEL: CSM-SMB
The adjustable clamp allows it to be securely attached to stretcher rails.



METAL WALL MOUNTING BRACKET

MODEL: CSM-WMB
Mounts to the wall with screws or Velcro strips.



MAGNETIC MOUNTING BRACKET

MODEL: CSM-MMB
Mounts to standard metal door jambs.



PLASTIC WALL MOUNTING BRACKET

MODEL: CSM-WMB-P
Mounts to a wall or door jamb with included adhesive strip. Included with BC300 and BC600.



PLASTIC HANGING STRAP

MODEL: CSM-PLS
Lets you hang the monitor from a bed, stretcher, or wheelchair. Included with BC300 and BC600.

BED AND CHAIR SENSOR PADS

30 DAY SNAP-PAD

Curbell's Snap-Pad is designed to offer maximum versatility for healthcare facilities. It can function either with a wireless transmitter or with a cord, both of which connect to the snap connectors located on the front of the pad. This dual connectivity allows facilities to standardize their equipment by purchasing a single type of chair or bed pad while maintaining the flexibility to switch between wired and wireless configurations as needed.



Snap-Pad Transmitter for wireless use
(CSP-PT-11: sold separately)



Snap-Pad Cable for corded use
(CSP-SNP-CAB: sold separately)



Chair Pad



Bed Pad

The transmitter and cable attach to these snap connectors

18 MONTH SENSOR PADS

A cost-effective solution to incorporate patient exit alert features into your beds, chairs, or stretchers.

- ▶ The pad is designed to last for 18 months, offering one of the longest lifespans on the market
- ▶ The internal clock monitors the pad's lifespan and triggers an alarm when it's time for a replacement
- ▶ The pad is compatible with cleaning agents commonly used in hospitals
- ▶ Choose between wireless and corded versions for beds or chairs



Bed Pad



Chair Pad



**CARE
TEAM
TIP**

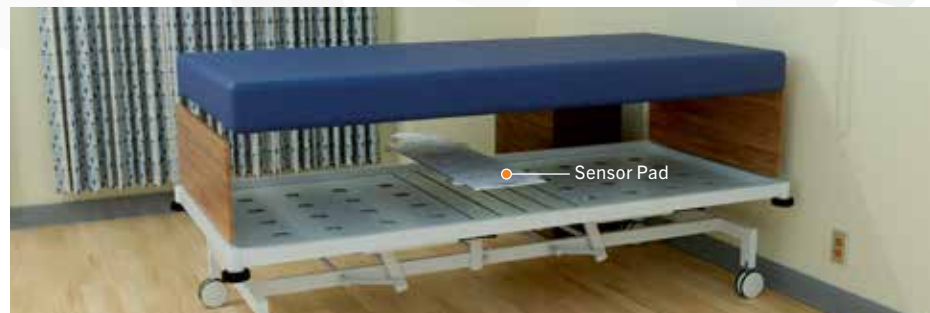
Since patients are often unattended while in their room, there is a significantly higher chance of falls than in other parts of your facility. Adding sensor pads to both beds and chairs can provide additional warning about a potential fall.

18 MONTH UNDER-MATTRESS SENSOR PAD

Traditional fall management sensor pads placed on top of the mattress can cause discomfort and need frequent cleaning. Our Under-Mattress Sensor Pad solves both those issues.

It remains invisible to users and offers non-intrusive bed monitoring. And since the pad stays with the bed or stretcher, it eliminates the hassle of searching for sensor pads when needed. Once connected to the monitor, the under-mattress sensor pads are always ready to use, eliminating the need to “zero out” the patient scale for the exit alarm to work.

- ▣ Eliminates the discomfort caused by over-the-mattress pads
- ▣ Compatible with most mattresses, fitting onto the center panel of most beds
- ▣ Available as wireless (CSP-UM-W10) and corded (CSP-UM-C10-92)
- ▣ Dimensions: 10" x 30"
- ▣ 18 month lifespan



LIFESPAN	PAD STYLE	7" x 15" CHAIR PADS	10" x 15" CHAIR PADS	10" x 30" BED PADS
30 Day	Snap Pad (must be used with a cable or transmitter)	CSP-SCP-07-10PK (10 pack)	—	CSP-SBP-10-10PK
18 Month	Cordless Timed Pad	—	CSP-C18MO-TC10-34	CSP-B18MO-TC10-92
	Cordless Timed Pad	—	CSP-C18MO-TW10	CSP-B18MO-TW10
	Corded Under Mattress Pad	—	—	CSP-UM-C10-92
	Cordless Under Mattress Pad	—	—	CSP-UM-W10

CORDED

Corded pads are a good choice when you need a simple sensor for your monitors.

CORDLESS

Cordless pads eliminate cord tripping hazards and cord damage — the primary cause of false and failed alarms, and replacement/repair costs.

TIMED

An internal clock counts down the life of the pad based on when the pad is connected. The monitor will notify you when to replace the pad.

* 30 Day Cordless Pads must be used with the CSP-PT-11 Disposable Transmitter (sold separately — see below).

NOTE: The 18 Month transmitter (CSP-TW-TX18MO) is included with 18 month cordless pads.

SENSOR PAD ACCESSORIES

MODEL	DESCRIPTION	MODEL NUMBER
Snap-Pad Transmitter	Reusable transmitter for bed and chair Snap-Pads	CSP-PT-11
78" Snap Cable	78" Snap cable for bed and chair Snap-Pads	CSP-SNP-CAB
18 Month Transmitter	18 month transmitter for 18 month cordless sensor pads	CSP-TW-TX18MO
92" Breakaway Cable	92" Replacement breakaway cable for 18 month and Under Mattress sensor pads	CSP-CC-92
34" Breakaway Cable	34" Replacement breakaway cable for 18 month chair pads and Under Mattress sensor pads	CSP-CC-34
72" Sensor Pad Extender Cable	Extends Curbell sensor pad cords by six feet	CSP-EC-72

PERSONAL MONITOR

The Personal Monitor features a dome and string mechanism that is attached to the patient's garment. When an unassisted exit takes place, the dome is pulled from its magnetic socket and an alarm sounds. The alarm is silenced when the dome is placed back into the socket. The Personal Monitor can be applied quickly, and moved easily from one location to another.

EASE OF USE

- ▶ "Alarm", "Low Battery", and "In Use" indicator LEDs show status at a glance

FLEXIBILITY

- ▶ Nurse call jack allows direct notification to nurse call
- ▶ Bed, chair, and wall mount options are available

SAFETY

- ▶ Magnetic dome allows activation when pulled from any direction
- ▶ Volume control located within the battery compartment deters patients from changing the volume level

DURABILITY

- ▶ Durable thick plastic casing and impact-resistant rubberized edging reduces replacement/repair costs
- ▶ Two year warranty

SPECIFICATIONS

- ▶ Size: 5.3" H x 3.5" W x 1.7" D
- ▶ Power Source: 4 AA batteries (included)
- ▶ Conforms to UL 1069 to ensure nurse call compatibility, safety, and durability



DESCRIPTION

Pull String/Magnetic Dome with Linen Clip

MODEL NUMBER

CSM-PS-L40

FALL PREVENTION TIPS

1 HAVE A PLAN

No single tool or strategy will prevent a fall. Rather, a comprehensive plan, which includes the right tools and strategies, is key to minimizing falls and injuries.

2 BE ALERT AND AWARE

Alertness: Early warnings of a potential fall help prevent or reduce injuries. This requires sharp clinical skills supported by connected monitoring devices.

Awareness: It's vital to detect unassisted attempts to exit a bed, chair, or toilet and stay mindful of the patient's surroundings for better outcomes.

3 GET RID OF THE CLUTTER

Clutter is an obvious but often overlooked fall risk, with cords and wires adding to the problem. Cordless monitors and sensors help reduce this hazard. Curbell's 360° Fall Management Solution uses the BC600 Cordless Monitor with wireless bed and chair pads, motion sensors, and floor mats.

4 CORRECTLY IDENTIFY NEEDS

The National Council on Aging stresses that fall prevention relies on assessing patients' changing needs and abilities¹. A patient's requirements at admission may shift within days, requiring different monitoring solutions. An effective fall prevention system should be:

- ▣ Relocatable — easily moved between units, such as from the ED to a general floor
- ▣ Mix-and-matchable — adaptable to add or remove devices as needs change, like switching from bed pads to chair or bathroom monitoring
- ▣ Flexible — cordless devices enable monitoring anywhere

5 IMPROVE STAFF RESPONSE TIME

Because alarm systems detect movement, they create an opportunity to intervene before a fall happens. A fast response also allows experienced clinicians to guide newer staff in responding effectively. Now more than ever, with staffing shortages, nurses and other caregivers need simple, reliable tools that support safe care and help keep their focus on patients.

6 MAKE IT EASY

No one wants to be frustrated and unsuccessful at their tasks. Every clinical expert deserves a solution where they can set it and forget it. Ideally, that means a system which:

- ▣ can be set up within three minutes, without any technical support
- ▣ is intuitive, having an easy-to-understand interface
- ▣ requires minimal or no maintenance — always on and ready to go
- ▣ has easy-to-follow instructions

7 CONTROL NOISE AND FALSE ALARMS

Excessive noise, including alarms, is a common problem in healthcare that distracts staff and raises fall risk for patients, especially those with dementia. Reducing background noise improves balance and helps prevent falls. Frequent false alarms cause frustration and alarm fatigue, making real risks easier to miss. Ideally, an alarm system would:

- ▣ have a low false alarm rate
- ▣ offer silent monitoring
- ▣ alert through the nurse call system that nurses already watch
- ▣ allow delayed control to reduce false alarms from brief movement

Curbell's BC600 cordless monitor meets these needs. It can sound an alarm in the room or hallway, or stay silent when connected to the nurse call system.

8 KEEP OUT!

No one wants a "safety" device that causes harm by being tampered with. The device should have tamper-resistant controls that are not accessible to patients, residents, or visitors.

Curbell's BC600 cordless monitor has controls hidden inside the battery compartment.

1. <https://www.ncoa.org/older-adults/health/prevention/falls-prevention>

SAFE MOBILITY LIGHT

Insufficient lighting in a senior's room can lead to falls at the bedside at night.¹

Curbell Medical's Safe Mobility Light is an innovative solution that automatically activates lights when a senior leaves the bed.

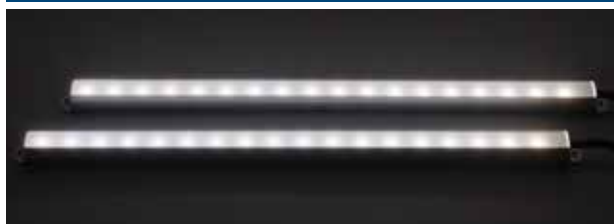


1. López-Soto P.J., Smolensky M.H., Sackett-Lundeen L.L., De Giorgi A., Rodríguez-Borrego M.A., Manfredini R., Pelati C., Fabbian F. Temporal patterns of in-hospital falls of elderly patients. Nurs. Res. 2016;65:435–445. doi: 10.1097/NNR.0000000000000184.

The Safe Mobility Light is an innovative solution to this problem. It automatically turns on when a senior leaves the bed and can also send an alarm via the nurse call system. It's a cost-effective safety upgrade for assisted living or long-term care, easily added to existing beds without reducing comfort.



THE LIGHT BARS



The two light bars offer just enough illumination for safer bed exits. They attach magnetically or with included zip ties and can be installed anywhere on the bed frame.



THE SENSOR PAD



The sensor pad fits beneath the mattress, rather than under the sheet — increasing comfort, and eliminating the need for frequent cleaning.



EXPANDING THE SYSTEM



To expand coverage, the system can be enhanced with the addition of the BC600 Cordless Monitor. Used in conjunction with additional sensors, this will extend wireless monitoring to the bed and other fall risk areas, such as a chair or the bathroom.

WIRELESS DOOR AND WINDOW SENSOR

The CS-WDWS Wireless Door and Window Sensor is an accessory for the BC600 Cordless Monitor. When a door or window is opened, the sensor will be triggered and send a wireless signal to the BC600 to alert staff through an audible alarm and nurse call (when connected).

The BC600 Monitor also has a silent alert option (when connected to nurse call) to eliminate audible alarms in the room and will only alert caregivers through the nurse call system. The CS-WDWS is cordless and can be placed on a door or window up to 60 feet from the BC600 monitor.

Operating Environment	Indoor use
Operating Range	60 feet indoors
Battery	1 x CR2477 lithium coin battery (included)
Battery Life	Normal use: ~36 months • In storage: >60 months
Dimensions	3.15" H x 1.61" W x 0.75" D
Mounting	Double-sided tape for use on door and door frame



Door frame mounting



Window frame mounting

WIRELESS ALERT WRISTBAND

NURSE CALL FOR MOBILE PATIENTS

The CS-TXP-11 Wireless Alert Wristband is designed for patients who may leave their room independently but remain at risk for falls. Used with our BC600 Cordless Monitor, it works wirelessly within a 60-foot range. Patients can trigger the alarm at any time by pressing the red button.

- ▣ Compatible with BC600 cordless monitors
- ▣ Connecting the BC600 to the nurse call system allows notification at the nurse's station
- ▣ Active Alert button allows manual triggering of an alarm through the BC600 Cordless Monitor
- ▣ Assurance LED when button is pressed
- ▣ Water resistant to IP65 (can be used in the bathroom and shower)

Operating Environment	Indoor use
Operating Range	60 feet indoors
Battery	1 x CR2450 lithium coin battery (included)
Battery Life	Normal use: ~24 months • In storage: >60 months
Approximate Weight	Approximately .7 oz. (not including batteries)
Band	Unbreakable strap (included)

DESCRIPTION	MODEL NUMBER	PART NUMBER
Single Use Wristbands (10 pack)	CSP-SUWB-10PK	21475
Reusable Wristband	CS-WOL-01	28978



▣ The red button makes it simple for patients to alert staff when assistance is needed. Even in the shower.

WIRELESS MOTION SENSOR

Although getting out of bed or up from a chair are common situations for falls, they're not the only ones. Patients who are more mobile could fall anywhere in their room — like when going to the bathroom or out into the hallway.

The CS-WMS Wireless Motion Sensor can help in these situations. When a patient passes through the detection area, the motion sensor will be triggered and will either sound an alarm or send a wireless signal to the BC600, which can alert nursing staff.

The Wireless Motion Sensor provides reliable infrared motion detection in light and dark conditions, and can be used as a standalone device or as an accessory for the BC600 Cordless Monitor.

FEATURES

- ▣ Compatible with BC600 cordless monitors
- ▣ Can be placed up to 60 feet from the BC600
- ▣ Narrow detection angle with adjustable distance (three to 25 feet)
- ▣ Red LED when low battery is detected
- ▣ Mounts with included double-sided tape and/or screws
- ▣ Two Year Warranty

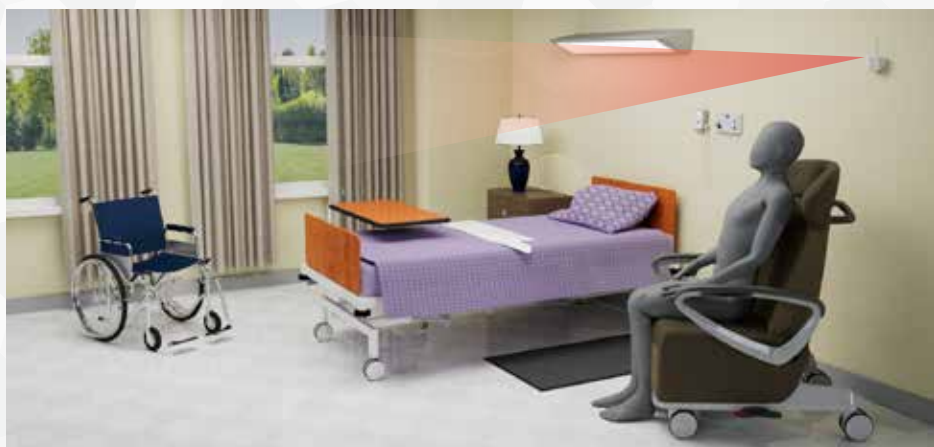


ALARM MODE

When the switch is set to ALARM, the Wireless Motion Sensor will sound an audible alarm when motion is detected.

TRANSMIT MODE

In TRANSMIT mode, a signal is sent to a BC600 monitor which is connected to the nurse call system to provide an alarm at the nurse's station.



The motion sensor can be placed in a variety of locations. Here, it's mounted to a wall near a chair to alert staff when a resident gets up.



A 2019 study* found that 80% of night toileting-related falls, patients were mobilizing without the recommended level of assistance. Mounting the motion sensor in the bathroom helps to give patients safety and privacy.

* Rose, G., Decalf, V., Everaert, K., Bower, W. (2019, July 18). Toileting-related falls at night in hospitalized patients: The role of nocturia. Australasian Journal on Ageing, <https://doi.org/10.1111/ajag.12696>

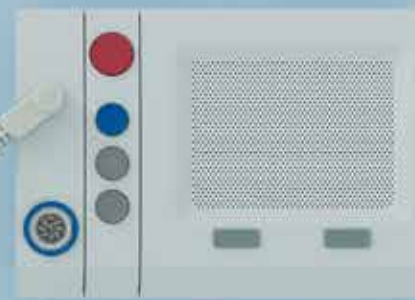


MOTION SENSOR

When a patient moves through the detection area, the alarm is triggered.

BC600 MONITOR

The Motion Sensor can be placed up to 60 feet from the BC600 monitor.



PATIENT STATION

The BC600 can be connected directly to the patient station.



NURSING

Staff will receive notification at the nurse's station.



MOUNTING THE MOTION SENSOR

The base of the motion sensor can be rotated to allow it to be placed and aimed appropriately. The included double-sided tape and screws allow you to mount it securely.



In the bathroom
For safety and privacy.



Above a door
To monitor movement in and out of a room.



On a head wall
To monitor movement near the bed.



On a bedside table
This patient gets up often at night, so a wireless motion sensor gives them safety and privacy.

OTHER SENSORS



FLOOR MAT SENSORS

CS-FMS-C2448 (CORDED)
CS-FMS-W2448 (WIRELESS)

Curbell's Floor Mat Sensors can be placed near beds, chairs, and doorways to alert staff if a resident attempts to stand or walk.

- The corded mat features a breakaway cable which allows connectors to separate under strain to minimize cord and monitor damage
- 24" x 48"



TOILET SEAT SENSOR

CSP-TS-1

The Toilet Sensor mounts discreetly underneath the toilet seat so that a resident can be monitored by staff without a loss of privacy.



SEAT BELT SENSOR

CS-SB2054V

The Seat Belt Sensor features a Velcro® fastener. In addition to setting off an alarm when unfastened, it also helps keep the resident from sliding down the chair. An optional extender (CS-SBE-12) is available either for larger patients, or to give an easier way to attach one end of the seat belt to the wheel chair.



Seat Belt Extender

PERFORMANCE MAT

DESIGNED BY NURSES FOR NURSES

The Performance Mat offers shock absorbency and impact reduction to protect your patients and residents from injury if they experience a fall, in addition to anti-fatigue and ergonomic support for caregivers.

Performance Mat's memory material also retains protective properties over time to withstand high traffic and multiple impacts. Unlike mats made of foams and vinyl, Performance Mats are resistant to most everything and do not lose their bounce over time, thus always suspending the body weight to minimize injury during falls. Many other products compress or lose their bounce after the first significant impact or within the first year of use.

100% SMARTTECH POLYURETHANE

Tested for shock absorbency and impact reduction against ASTM F355 standards utilizing Head Injury Criteria, SmartTech Polyurethane is a revolutionary and proprietary engineered material. The resilient memory material retains protective properties for a minimum of three years to withstand high traffic and multiple impacts.

ONE-PIECE CONSTRUCTION

The mat is manufactured in one piece, which ensures the mats will not separate, bubble up, or delaminate with prolonged use.

DIMENSIONS AND DENSITY

Increased length (70") protects head and torso from high impact trauma and injury while the width (30") allows for a better fit in narrow room spaces.

SLIP AND TRIP RESISTANCE

The mat's low-profile, tapered, and sealed edges prevent tripping hazards and premature degradation. Its gradual beveled edges remain flat, facilitating equipment movement.



At 70" long, the Performance Mat helps protect the patient no matter where they exit the bed.



The Performance Mat's edge is beveled to prevent trip hazards and premature degradation.

FLUID AND CHEMICAL RESISTANCE

The material does not absorb water or other liquid contaminants in the healthcare environment. (Mats are not recommended for constantly wet or oily environments.)

ANTI-MICROBIAL/LATEX-FREE

The material shows 99.9% population reduction of Staphylococcus Aureus bacteria over 24 hours. It's an easy to clean surface that meets the ASTM G21 standards for antimicrobial properties.

COMPLIANCE

- The material complies with Consumer Product Safety Improvement Act of 2008 for lead, cadmium, and phthalate content, and passes CFR 7630/1631 Standard for the Surface Flammability of Carpets and Rugs.
- 16° beveled mat edges are ADA-compliant and exceed OSHA specifications.

CARE TEAM TIP

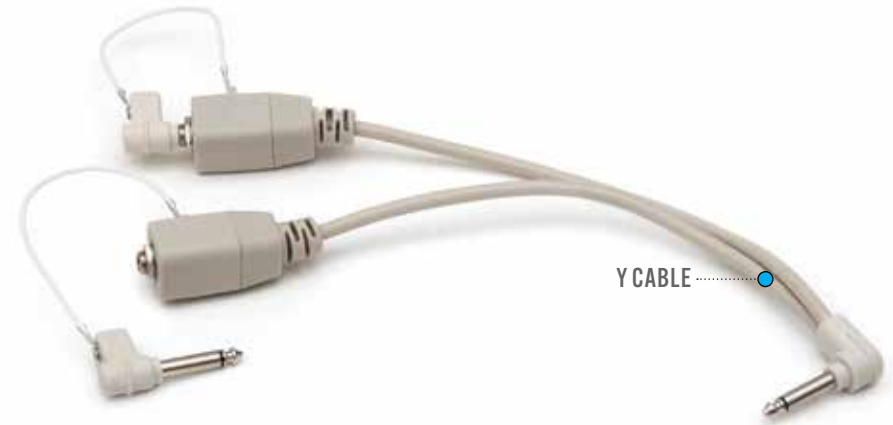
"A leading barrier to floor mat use is the concern about trip hazards. So, it is our responsibility to reduce these barriers so that the severity of injury is reduced when patients fall from bed or chair. To promote the nursing staff or anyone from tripping when walking onto a floor mat, all floor mats should have a beveled edge."

NURSE CALL ADAPTORS

The needs of some residents may require that multiple devices are connected to your nurse call system. Our line of adaptors will give your nurse call system the flexibility to handle this increased demand. They're designed to allow nurse call devices and Curbell's fall management products to connect to your nurse call system simultaneously.



























































BOX STYLE



Y CABLE

NURSE CALL ADAPTORS

NURSE CALL SYSTEM AND PLUG STYLE	RECEPTACLE 1	RECEPTACLE 2	RECEPTACLE 3	STYLE	PART NUMBER
 Executone Care/Com	 7-pin	 1/4" jack	NA	Box	3248
 Executone Futura	 7-pin	 1/4" jack	NA	Box	3254
 GE/Dukane System 2000, 2010, 2030, 2070	 13 Pin	 1/4" jack	NA	Box	3271
 GE/Dukane ProCare 4000, 6000, System 2070, Telligence	 18-pin	 1/4" jack	 1/4" (TV)	Box	3354
 Hill-Rom COMposer, COMLinx, NaviCare	 20-pin	 1/4" jack	NA	Box	3367
 Intego and TekTone	 8-pin Modular	 1/4" jack	NA	Box	3322
 Jeron Provider	 8-pin DIN	 1/4" jack	NA	Box	3283
	 8-pin DIN	 1/4" jack	NA	Y Cable	18194
 Rauland Responder III	 12-pin	 1/4" jack	NA	Box	3266
	 8-pin DIN	 1/4" jack	NA	Box	3294
	 8-pin DIN	 1/4" jack	NA	Y Cable	18193
 Rauland Responder III+, IV, 4000	 8-pin DIN	 1/4" jack	NA	Y Cable	18153
	 8-pin DIN	 8-pin DIN	NA	Y Cable	18153
 SimplexGrinnell EZCare	 15-pin	 1/4" Jack	NA	Box	3349
 Sylvania/HCE	 20-pin	 1/4" Jack	NA	Box	3260
 West-Com	 10-pin Modular	 1/4" jack	NA	Box	3341
 Zettler Sentinel 500	 9-pin D-sub	 1/4" jack	NA	Box	3329
 Universal 1/4"	 1/4" jack	 1/4" jack	NA	Y Cable	8507
	 1/4" jack	 1/4" jack	NA	Y Cable	8506
 Universal 37-pin	 37-pin D-sub	 1/4" jack	NA	Box	16659

JUMPER CABLES

DESCRIPTION	MODEL NUMBER
 <p>This eight foot jumper cable connects the monitor to the nurse call system</p>	JU96-295

CLEANING

Clean with a non-aggressive, disinfectant cleaner. Curbell's fall management sensor pads were tested with the following chemicals. None were found to cause fading of the print or damage to the material.

NOTE: It is necessary that the manufacturer's dilution ratios and application procedures be followed.

- > 3M®: Quat Disinfectant Cleaner
- > Advanced Sterilization Products: Cidex®
- > Airkem: A456-N
- > Caltech®: Dispatch®
- > Clorox®: Healthcare Bleach Wipes*
- > Cosco: Tincture of Green Soap
- > Diversey: Oxivir® Tb
- > Dutch® Plus Safety Cleaner
- > Ecolab®: A-456-II Disinfectant Cleaner
- > Isopropyl Rubbing Alcohol 70%
- > Medline Microkill NQ5
- > METREX: Cavi-Wipes™
- > METREX: Cavicide™
- > Misco Products Corp. (MPC): Hi-Con PF3
- > PDI®: Sani-Cloth® Bleach
- > PDI®: Sani-Cloth Plus
- > PDI®: Super Sani-Cloth
- > Spartan®: SD-20
- > Spartan: Hepacide Quat II
- > Sporidicin®: Sterilization Solution
- > Steris: Coverage Wipes Plus
- > Stryker®: Sidekick Disinfecting Wipes
- > Veridien: Viraguard® Wipes
- > VIROX®: Accel
- > VIROX: 256
- > Wayne®: Concept 256N Disinfectant

TIPS

Sensor pad disinfection is an important part of any hospital's infection control program. But the harsh chemicals that are used can damage the pad over time. Follow these tips to get the most out of your sensor pads.

1 FOLLOW THE INSTRUCTIONS
Make sure you follow the instructions not just for whichever cleaning agent you're using, but for the mattress itself. Not all mattresses are compatible with all common disinfectants, and using the wrong one can damage the mattress over time.

2 DILUTE IF NECESSARY
Some disinfectants are intended to be diluted before use. Using them at full strength can shorten the life of the product on which they're being used.

3 WAIT OUT THE "DWELL TIME"
The instructions for the disinfectant may mention the "dwell time". This is the amount of time that a surface must remain wet to allow the chemical to be in contact with an organism in order to kill it. Make sure you let the disinfectant do its job before wiping it off.

4 RINSING IS A MUST
After the dwell time has been achieved, immediately rinse the surface with clean warm water.



ORDERING AND WARRANTY INFORMATION

PLACING ORDERS

Orders may be subject to a minimum order requirement. Part numbers, product availability, and pricing are subject to change without notice.

- ▶ Call Curbell toll-free at 888-222-2188
- ▶ Fax us at 716-667-7775
- ▶ E-mail us at info@curbellmedical.com

PAYMENT TERMS

- ▶ Net 30 days terms are extended to established accounts
- ▶ Payment with order: send check or money order (please call our toll-free number for the exact shipping charge)
- ▶ COD: Pay the full amount including shipping upon receipt
- ▶ Visa, MasterCard, Discover, and American Express are gladly accepted
- ▶ Shipping and handling charges will be added to every order

SELLER'S LIMITED WARRANTY

Unless otherwise stated in the limited warranty contained in literature that is shipped with the product (in which case the product literature limited warranty will in all respects apply), the Seller warrants the Buyer that the products will be free from defects in workmanship and materials under normal use for the period of two years from the date of the applicable invoice for pillow speakers and a period of one year from the date of the applicable invoice for all other products and repair services unless otherwise stated. Repair of pillow speakers is under a 90-day limited warranty against defects in materials and workmanship.

HOW TO RETURN MERCHANDISE

All returns must be processed within 60 days of delivery date and are subject to a 25% restocking fee. Product must be in new, resalable condition, and in the original packaging. Custom-made items are non-returnable. Customer Product Acceptance is required prior to initial shipment. Contact Customer Service at 800-235-7500 and ask for a return merchandise authorization (RMA#). Enclose this RMA# with the item, print the RMA# on the outside of the package, and mail it to:

Curbell Medical Products, Inc. • 20 Centre Drive • Orchard Park, NY 14127



Curbell Medical Products, Inc.
7 Cobham Drive
Orchard Park, NY 14127
1-800-235-7500
www.curbellmedical.com