



umano medical

MENTAL HEALTH BED FEATURE GUIDE



**CHOOSING THE RIGHT BALANCE
BETWEEN CLINICAL NEEDS AND RISK MITIGATION**



MENTAL HEALTH BED FEATURE GUIDE



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INTRODUCTION

SUPPORTING YOUR RISK MITIGATION PLAN

The need for institutions to offer advanced medical care in mental health environments has greatly evolved.

At Umano Medical, we designed a solution to manage these various and complex care interventions, keeping in mind the need to offer both clinical benefits and risk management features.

The **ooksnow»_{MH}**, an adaptable and versatile patient bed, is the new alternative to ensuring safety for patients and healthcare professionals while maintaining a high level of clinical outcomes.

Based on your risk mitigation plan and patient clinical needs, our team will partner with you to configure the bed with the safety features that meet your requirements.

This feature guide was created to help you understand the features and benefits that the **ooksnow»_{MH}** has to offer. Based on your reality and needs, you can select the safety features that enable to reach the **right balance between clinical needs and your risk mitigation.**



MENTAL HEALTH FEATURES

Designed around a strong ligature-resistant management strategy, the **ook«snow»_{MH}** offers a wide range of features that will help you meet safety and clinical requirements. Discover the features that will support your risk mitigation plan.



TAMPER-RESISTANT DESIGN

TAMPER-RESISTANT FASTENERS

Tamper-resistant fasteners and hardware are standard on all **ook**snow[»]_{MH} beds. In order to ensure patients to do not tamper or remove bed parts, tamper-resistant hardware tools are required to remove all fasteners.

ACCESSORY SOCKET CAPS

Intended to reduce access to openings that can provoke patient self-harm.

The following openings can be covered with a socket cap. Tamper-resistant hardware tools are required to remove the cap.

- Accessory support holes - socket plugs (for patient helper and IV pole)
- Side view lights / corner bumpers



Accessory Support Holes



Side View Lights / Corner Bumpers

SAFEFLEX™ PATIENT SURFACE

The **ook**snow[»]_{MH} is designed with a SafeFlex Patient. This unique surface aims to reduce any apparent ligature points and cables located between the foot and thigh sections of the patient surface.

When bed movements are made, the gaps are covered with an overlapping system that respects IEC 60601-2-52 standards.



PERMANENTLY ATTACHED HEAD & FOOT BOARDS*

Head and foot boards can be permanently attached to the **ook**SNOW_{MH} frame to prevent patients from causing injuries. A marking on the footboard informs staff that the head and foot boards are bolted to the bed.

Back-up controls on the bed frame are not available with permanently attached head and foot boards.

IMPORTANT NOTE

On delivery, head and foot boards are not permanently attached. Tamper-resistant fasteners are provided with simple assembly instructions. The boards must be installed by the person who assists with delivery and who sets up the beds.

Required tools:

- 3/8" wrench
- 1/8" hexagonal wrench

*Not intended to be used in critical or acute care environments.



FILLED BOARDS AND SIDERAILS

The **ook**SNOW_{MH} is designed with filled headboard, footboard, and siderails.

Obstructing these openings help address a wider range of patient behaviors, limiting the risk of self-harm and the potential use as a ligature point.



SAFE-LOCK™ BRAKING SYSTEM

Brake pedals are replaced with a tamper-resistant braking system to protect unintended use of the bed. The Safe-Lock™ Braking System prevents patients, for example, from using the bed as a barricade.

This feature comes with a special tamper-resistant brake tool that is required to activate and remove the brakes.

The Safe-Lock™ Braking System therefore enables mobility without compromising security. Staff can quickly move the bed without assistance from the maintenance team.



HEAVY-DUTY METAL CASTER COVER

An optional tamper-resistant and heavy-duty metal caster cover is also available. Its metal construction is unbreakable to provide increased security in higher risk environments.



CONCEALED CABLES



On the **ook**«snow»^{MH}, the following cables and wires areas are concealed to minimize the risk of using them as a ligature:

- Backrest section cables
- Electrical box
- Battery back-up
- Under bed section cables

*The downward motion interrupt feature is not available when the under-bed section cables are covered.



BATTERY POWERED PATIENT POSITIONING

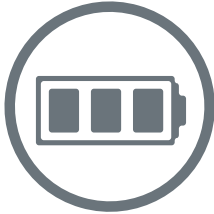
In order to maximize safety, the **ook**«snow»^{MH} integrated battery back-up is concealed. The battery power indicator is located on the footboard.

When a power failure occurs, the battery back-up engages automatically.

The average usage of the battery back-up represents up to 10 full cycles of each bed position when the bed is at weight capacity.

NOTE

When the battery back-up is activated, screen capabilities and patient monitoring becomes inactive. Only bed motions remain accessible.



POWER CORD OPTIONS

In order to prevent patients from using cables as ligatures and to inflict self-harm, shortened or quick-disconnect power cord options are available on the **ook«snow»** MH.

SHORT POWER CORD

This power cord is shortened and is securely fastened to the bed in order to reduce the risk of patient self-harm.

Cord Length: 0.9 m (91.4 cm) adjustable



QUICK-DISCONNECT POWER CORD

A quick-disconnect power cord option is made available for higher-risk environments.

If the power cord is disconnected, the bed will operate on battery back-up.

Cord Length: 2.4 m (244 cm)



3-SECTION RUGGED POWER CORD

This 3-section rugged power cord option is securely fastened to the bed. Recommended for use in high-observation environments.

Cord Length: 0.9 m (91.4 cm)

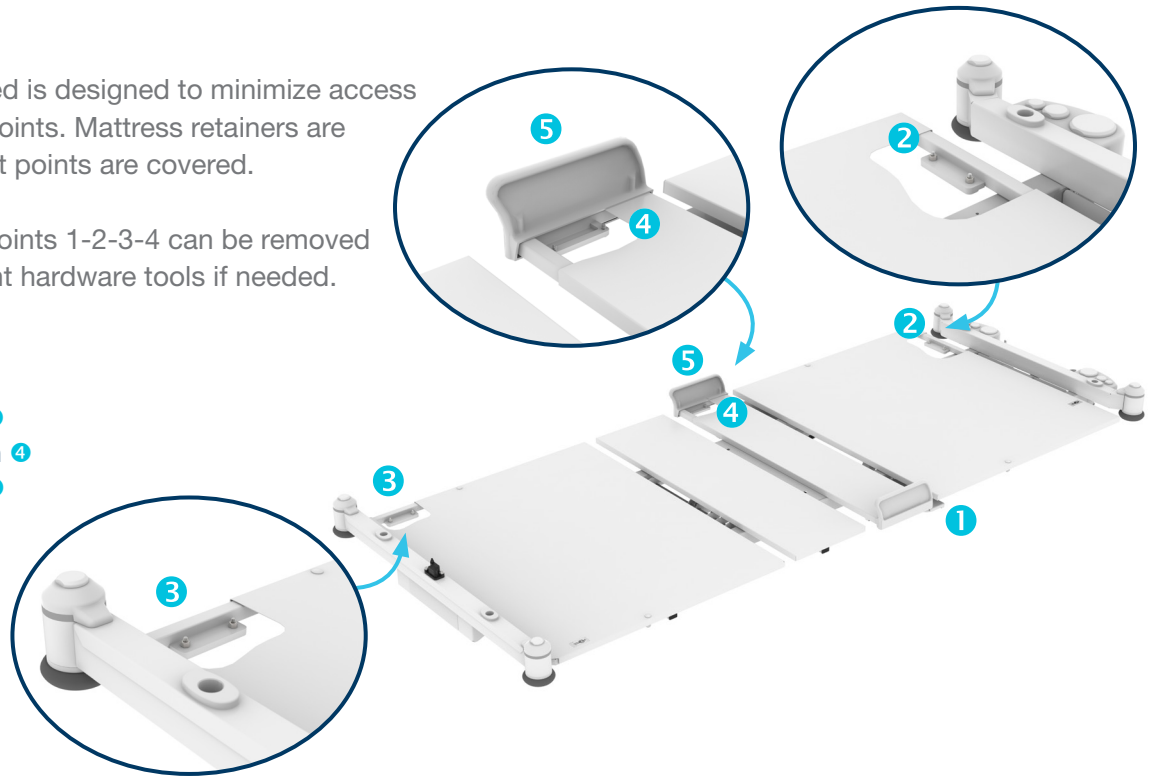


COVERED RESTRAINT POINTS

The **ook«snow»^{MH}** bed is designed to minimize access to potential ligature points. Mattress retainers are removed and restraint points are covered.

Covers for restraint points 1-2-3-4 can be removed using tamper-resistant hardware tools if needed.

- Waist Position ①**
- Shoulder Position ②**
- Foot / Leg Position ③**
- Hand / Wrist Position ④**
- Mattress Retainers ⑤**



HEAVY-DUTY RESTRAINT LOOPS

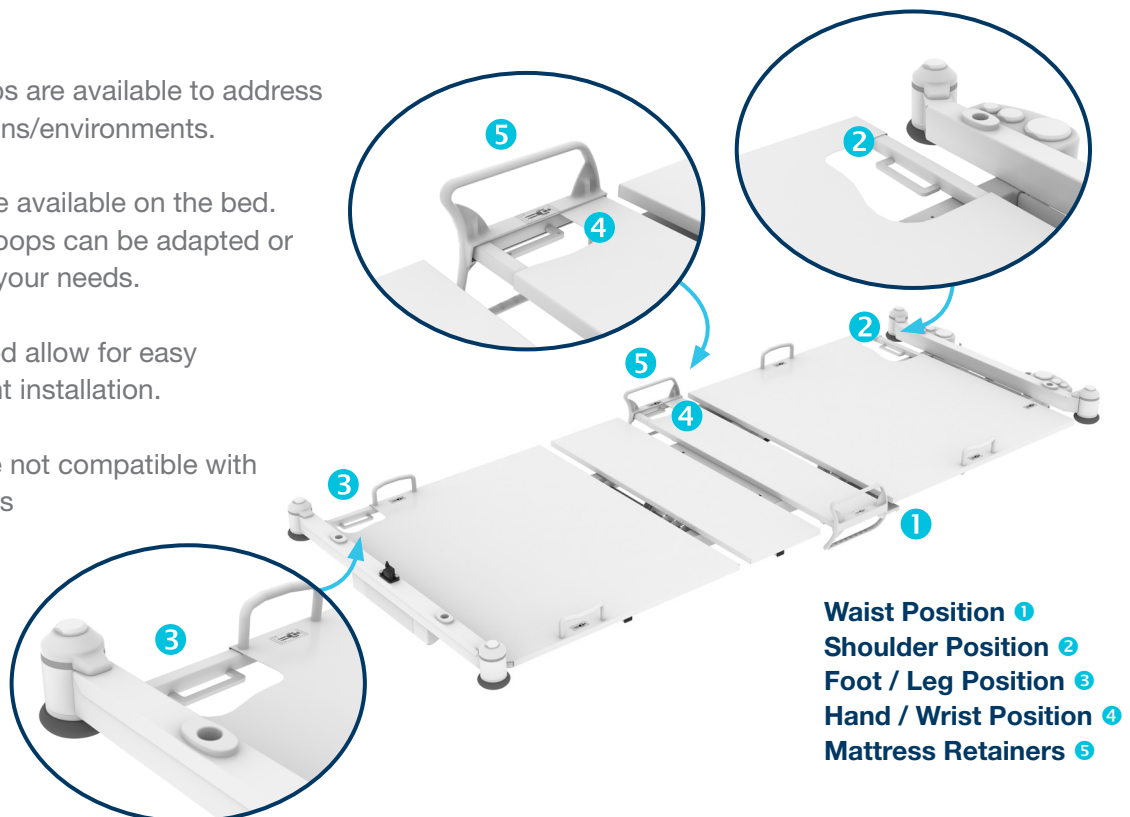
Heavy-duty restraint loops are available to address more challenging situations/environments.

Ten restraint positions are available on the bed. The amount of restraint loops can be adapted or configured according to your needs.

Visual prompts on the bed allow for easy identification and restraint installation.

The following options are not compatible with heavy-duty restraint loops

- SafeFlex Patient Surface (p. 4)
- No siderails (p. 10)



- Waist Position ①**
- Shoulder Position ②**
- Foot / Leg Position ③**
- Hand / Wrist Position ④**
- Mattress Retainers ⑤**

NO SIDERAILS

For increased security in challenging environments, the **ook«snow»^{MH}** is also available with no siderails. This optional feature allows to avoid improper use of the siderails.



FLOOR MOUNT

An optional floor mount is available to secure the bed in high-risk environments. The mount is compatible with all floor types. It maintains the bed's 10" low height and underbed clearance.

Institutions are responsible for ensuring that the floor mount is secured to the floor. A transport cart is necessary to transport and manipulate the bed before securing it in its desired location.



MOTION KEY LOCK

The Motion Key Lock feature brings bed movement protection to a whole new level.

Through its simple, yet extremely effective, 2-position key lock, caregivers can lock out all bed movements to prevent patients from tampering with bed movement controls.

Its complete override capabilities prohibit patients and unauthorized staff from manipulating the bed by deactivating any bed movement lock features previously set through the smart screen and footboard control.

The Motion Key lock is located at the foot end of the bed and is effective even if the bed is unplugged.



TAMPER-RESISTANT HARDWARE TOOLS

Tamper-resistant hardware tools are available to perform repairs or maintenance procedures on the **ookSNOW^{MH}**. These tools are required to remove all tamper-resistant fasteners, components, and accessory socket caps.





SMART SCREEN AND PATIENT MONITORING FEATURES

The **ooksnow»_{MH}** relies on advanced technologies to optimize security and clinical capabilities. The following features come together to enhance staff experience and patient satisfaction.

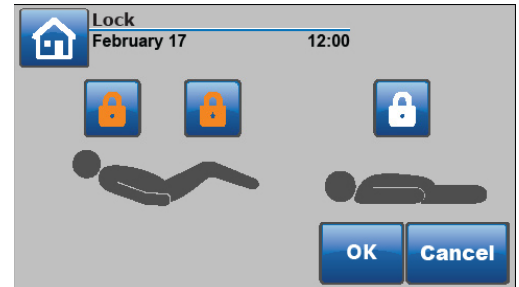


SMART SCREEN AND PATIENT MONITORING FEATURES

MOTION CONTROL MASTER LOCKOUT

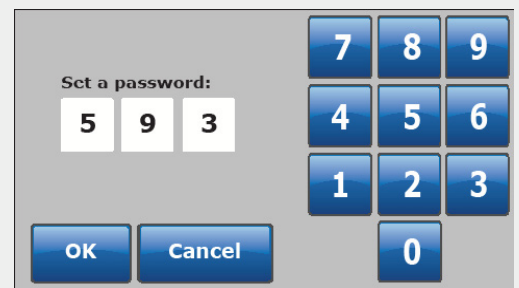
The Motion Control Master Lockout allows to lock all bed movements.

Lockout can be overridden with the 5 second rule (holding all three lock buttons on the footboard control for 5 seconds).



PASSWORD PROTECTION

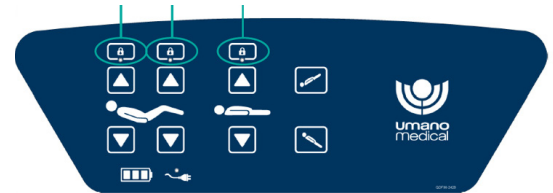
Password protection adds another level of security by relying on a 3-digit access code.



MOTION CONTROL LOCKOUT ON FOOTBOARD

The bed can be locked by holding all three lock buttons on the footboard control for 5 seconds. This lock completely inhibits all bed motions.

When used on a bed with smart screen, this option overrides the Motion Control Master Lockout.



BED EXIT WITH 3 LEVELS OF SENSITIVITY

A single-zone bed exit on the main menu allows to program one of three bed-exit sensitivity levels:

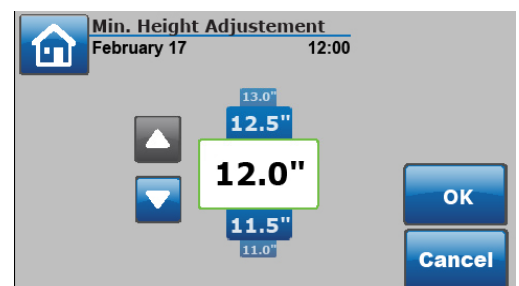
- Out of bed (detection 1)
- Too close to the edge of bed (detection 2)
- Patient moves upper torso (detection 3)

Manual and auto-detection modes are available for reactivating the detection.



MINIMUM HEIGHT MANAGEMENT

Minimum bed height can be set according to your needs. This option is password-protected. When the lowest height is reached, a "limit height" indication appears on the home screen.



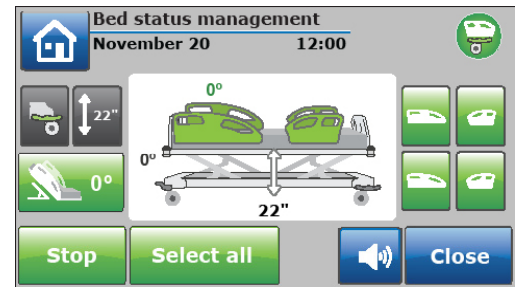
SMART SCREEN AND PATIENT MONITORING FEATURES

BED STATUS MONITORING

The Bed Status monitoring option allows staff to monitor and be informed on changes to these parameters:

- Brake Positioning
- Bed Height
- Siderail Positioning
- Backrest Angle

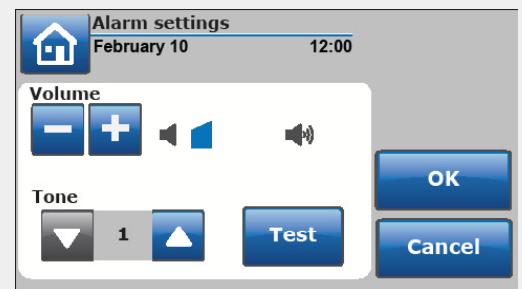
The Bed Status can be ordered with or without the siderail positioning, bed height or backrest angle parameters. This option automatically comes with the Smart Nightlights™ feature.



ALARMS AND REMINDERS

Visual and audible alarms can be set through the Patient Risk Management menu. They can be configured to alarm in the room or at the nurse station.

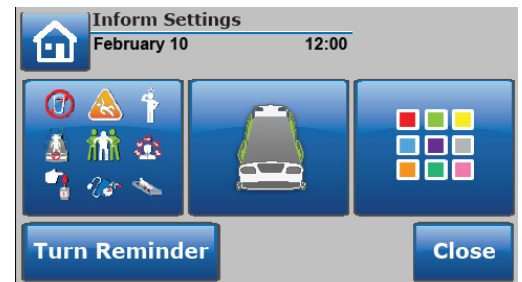
Turn reminder alerts can also be configured to inform staff of patient repositioning needs.



INFORM SAFETY MESSAGE CENTER

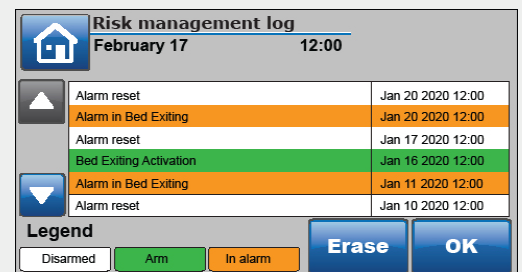
The Inform Safety Message Center allows staff to share information through the footboard screen saver, allowing for more clarity, discretion and efficiency.

- Easy-to-understand pictograms
- Confidential color codes
- Desired siderail configuration



HISTORY AND LOGS

Data log charts are accessible and track all bed exit event logs and patient weight.



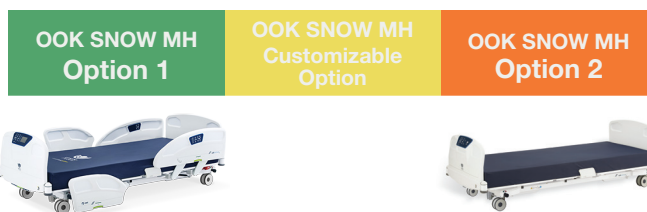
FINDING THE RIGHT BALANCE BETWEEN CLINICAL NEEDS AND RISK MITIGATION

Because each care environment is different and each patient is unique, the **ook«snow»^{MH}** can be configured with the safety features that best suit your needs.

In order to facilitate your selection, we have designed an option for lower-observation environments (Option 1) and one for higher-observation environments (Option 2). However, a fully customizable option is also available in order to ensure a perfect fit to your reality.

MENTAL HEALTH BED

CHOOSING THE RIGHT FEATURES



Mental Health Features

	OOK SNOW MH Option 1	OOK SNOW MH Customizable Option	OOK SNOW MH Option 2
TAMPER-RESISTANT DESIGN	●	●	●
SAFEFLEX PATIENT SURFACE	●	OPTION	●
PERMANENTLY ATTACHED BOARDS*	●	●	●
FILLED HEAD & FOOT BOARDS	●	●	●
FILLED SIDERAILS	●	OPTION	OPTION
SAFE-LOCK BRAKING SYSTEM™	●	OPTION	OPTION
HEAVY-DUTY METAL CASTER COVER	OPTION	OPTION	●
CONCEALED CABLES	●	OPTION	●
BATTERY POWERED PATIENT POSITIONING	●	●	●
SHORT POWER CORD	OPTION	OPTION	OPTION
QUICK-DISCONNECT POWER CORD	OPTION	OPTION	OPTION
3-SECTION RUGGED POWER CORD	OPTION	OPTION	OPTION
COVERED RESTRAINT POINTS	OPTION	OPTION	OPTION
HEAVY-DUTY RESTRAINT LOOPS	OPTION	OPTION	OPTION
NO SIDERAILS	N/A	OPTION	●
FLOOR MOUNT	N/A	OPTION	OPTION
MOTION KEY LOCK	OPTION	OPTION	OPTION
TAMPER-RESISTANT HARDWARE TOOLS	OPTION	OPTION	OPTION

Patient Monitoring Features

MOTION CONTROL MASTER LOCKOUT / PASSWORD PROTECTION	●	OPTION	N/A
MOTION CONTROL LOCKOUT ON FOOTBOARD	●	●	●
BED EXIT WITH 3 LEVELS OF SENSITIVITY	●	OPTION	N/A
MINIMUM HEIGHT MANAGEMENT	●	OPTION	N/A
BED STATUS MONITORING	OPTION	OPTION	N/A
ALARMS AND REMINDERS	●	OPTION	N/A
INFORM SAFETY MESSAGE CENTER	●	OPTION	N/A
HISTORY AND LOGS	●	OPTION	N/A



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