

Avra™

Powered By BodiTrak™

Intelligent Pressure Sensing System



Intelligent. Optimal Care.

The **Mizuho OSI® Avra™ Intelligent Pressure Sensing System** is much more than a pressure map. The heart of Avra is a patented stretchable, Lycra® sensing material that is elastic and preserves the envelopment properties of the support surface. When combined with the intelligent pressure sensing algorithm, Avra provides critical information for optimal patient care.

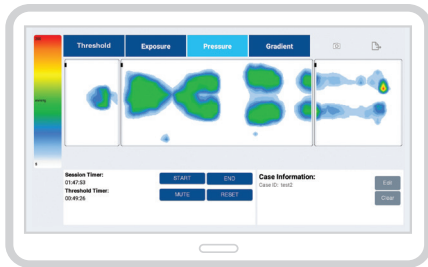


Simple color mapping modes allow for quick visual reference of the patients real-time pressure conditions.



System Modes

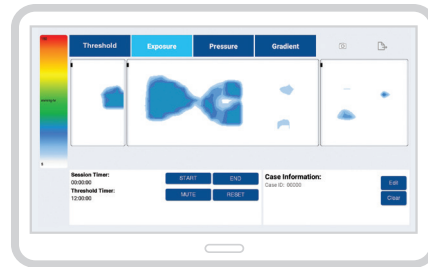
Four unique modes provide information critical for optimal pressure management



Pressure

Caregivers observe the patient's position and pressure using the system's visual feedback to guide repositioning. This real-time feedback is ideal for making initial positioning interventions for optimal pressure redistribution.

- Facilitates positioning for optimal pressure redistribution
- Takes the guesswork out of patient positioning
- Ability to export pressure interface data
- Color display for easy recognition of area of high pressure



Exposure

The Exposure tab helps caregivers quickly understand where the patient's skin may be most at risk based on the Reswick and Rogers pressure-time curve¹. The Exposure tab illustrates the aggregate of time and pressure, helping caregivers focus their attention on where the patient pressure injuries might occur.

- Clinician sets the individual threshold based on clinical assessment
- System monitors cumulative pressure and notifies clinician when threshold is reached
- Threshold notification based on Reswick and Rogers Pressure-Time Curve

1. Gefen A. Reswick and Rogers pressure-time curve for pressure ulcer risk. Part 2. Nurs Stand 2009; 23(46): 40-44



Gradient

The Gradient tab identifies areas of the skin that may be affected by shear forces. Gradient is an expression of how pressure changes from one location to another across the patient's skin.

- Warmer colors shows where deep tissue shear forces may be present



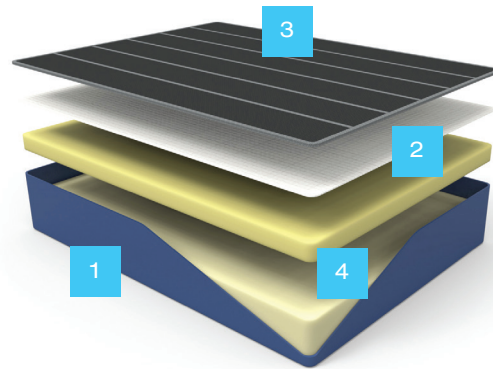
Threshold

Caregivers now have the ability to adjust and visualize the Pressure/Time Curve to align with clinical assessment of the patient. Choose from preset or custom threshold notification.

Tempur-Pedic® Pads With Intelligent Pressure Sensing System

Avra pads with Tempur-Pedic improve patient safety and comfort with progressive resistant technology and pressure equalization.

It's simple. Avra's flexible Lycra® sensors preserve the envelopment properties of Tempur-Pedic. When a patient deeply compresses an Avra pad with Tempur-Pedic, bony prominences are enveloped with a fluid density that reduces peak pressures. This allows extraordinary weight support through pressure redistribution while remaining optimally comfortable for the patient.



System Pads

1. Moisture resistant, vapor permeable membrane
2. Flame resistant barrier mattress assembly
3. Patented Lycra pressure sensing fabric
4. Multiple layers of Proprietary High Density Tempur-Pedic

System Components

The Mizuho OSI Avra system contains three main components:

1. Avra Display Tablet - Intuitive display
2. Avra Smart Hub - Powered by BodiTrak™, collects data for up to three table pads
3. General Table Pad(s) - Various general surgery table pad configurations

Ordering Information

The Avra System is easily configured to meet your general table needs. Simply follow the steps below when placing an order:

1. One each Avra Smart Hub, Powered by BodiTrak™ per surgical table
2. One each Avra Display Tablet per surgical table
3. Choose one, two or three pads per table. A complete list of surgical pads is available to assist with ordering



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Avra is currently not available for sale

Note: Mizuho OSI is constantly improving its products. All specifications are subject to change without notice. • Tempur-Pedic® is a registered trademark of Tempur-Pedic North America, LLC • Mizuho OSI is a Delaware Corporation. Manufactured in the USA.