

## Midmark 626

Barrier-Free® Examination Chair



MIDMARK®



# Better patient positioning is better care.

As health systems struggle to standardize care, blood pressure inaccuracy is one of the biggest areas of concern. Many healthcare providers are not aware of current standards for proper blood pressure measurement.<sup>1</sup> If this isn't addressed, it leaves health systems at serious risk. 9.8% of the population is affected by overestimation of high blood pressure errors.<sup>2</sup> Multiply the cost of treatment for hypertension by the typical patient panel size and the cost of overtreatment could be as much as \$135,000 per each practicing physician.<sup>3</sup> The impact of overmedication can also result in complications such as dizziness, fainting, exhaustion or even patient falls. **Only Midmark can offer a fully integrated point-of-care workflow designed to promote proper patient positioning for a more accurate blood pressure measurement with the ability to port data directly into the EMR, eliminating transcription errors.**

<sup>1</sup><https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5488302/>  
<sup>2</sup>9.8% is percentage of population affected by overestimation of high blood pressure errors, calculated by 30,000,000 affected by overestimation\* / 307,000,000 the 2009 US population count\*\*. Data from \*<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2911816/> and \*\*Census.gov  
<sup>3</sup>\$733 x (9.8% of 1,900) = ~ \$135K, where 1) \$733 = cost of overtreatment per patient. Cost data from Agency for Healthcare Research and Quality (AHRQ). Article: "Expenditures for Hypertension among adults age 18 and Older, 2010: Estimates for the U.S. Civilian Noninstitutionalized Population". Includes cost of Ambulatory visit (payer is either the patient, insurance Co. or ACO). Includes cost of prescription (payer is either the patient, insurance Co. or ACO). 2) see 2, and 3) 1,900 = typical patient panel size per physician. Panel size sourced from Journal of the American Board of Family Medicine, July-August 2016; Vol. 29, No. 4.



Midmark 626 Barrier-Free® Examination Chair

## Easily position patients for better BP measurement.

**Let the chair do the work for you.** Powered movement of the back section ensures the patient's back is supported.

A Barrier-Free low chair height allows the majority of patients, even female patients with heights in the 3<sup>rd</sup> percentile, to place their feet flat on the floor.<sup>3</sup>

<sup>3</sup> According to BIFMA standards, the 3<sup>rd</sup> percentile female popliteal (knee) height is 13.4" plus 1.2" shoe height



### Automated Vitals

Connect the IQvitals Zone device to the Midmark 626 Barrier-Free Exam Chair with the integrated IQscale® to weigh patients quickly and discreetly from the comfort of the exam chair. Then, send data to the EMR with the push of a button.



### IQconnect®

The Midmark IQconnect framework provides a seamless connection from your devices to your EMR system. In other words, it allows you to operate all of your devices and transfer data to the EMR from one, single "pane of glass"— your computer screen.





Talking

Back not supported

Cuff placed over clothing  
Arm not supported at heart level

Legs crossed and Feet not flat on floor

# What happens today?

While a patient’s position during blood pressure acquisition may seem insignificant, variations in positioning and technique can lead to fluctuations of 5 to 15 mmHg in systolic blood pressure.<sup>1</sup> Reviews suggest that even a difference of 5 mmHg can affect close to 16% of patients, either inadvertently placing them on medication or missing a diagnosis of hypertension.<sup>2</sup>

<sup>1</sup> <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2911816/>  
<sup>2</sup> 16% is the percentage of the American population that could be affected by blood pressure errors; calculated by 50,000,000 affected / 307,000,000 US 2009 population. Data from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2911816/> and Census.gov



Not talking

Cuff placed on bare arm  
Arm supported at heart height

Back supported

Legs uncrossed and Feet flat on the floor

# There’s a better way.

The good news is, new technologies and equipment have been designed to ensure clinical standards for blood pressure capture can be easily followed across the health system. Midmark has developed a suite of products that are designed to function as a fully integrated, point-of-care ecosystem to help health systems standardize and promote proper blood pressure capture through improved patient positioning.<sup>1</sup>

<sup>1</sup> <https://wire.ama-assn.org/delivering-care/one-graphic-you-need-accurate-blood-pressure-reading>





## Efficient patient care begins with better vitals capture.

Vitals are the beginning of the patient-caregiver interaction, providing critical information related to changes in patient health and playing an important role in a physician's treatment decisions. The integration of EMRs, new technologies and automated devices can have a significant impact on the overall efficiency of the process. In fact, by simply bringing all vitals capture (including weight) to the point of care using an automated device, you can save over a minute per patient—that equates to 5% of a medical assistant's time. When you consider the amount of time wasted on manual vitals acquisition, you could save \$1,440\* per year for each medical assistant.

\*Assuming \$15/hour, 8 hours/day, 48 weeks/year

## Accessible design ensures equal care for all.

Accessibility in healthcare facilities is essential to providing equal medical care to all patients regardless of disabilities or other limitations. Due to common barriers, patients with disabilities are less likely to receive the routine preventative care they need.

One key factor impacting accessible design in the exam space is the examination chair. The federal agency providing leadership and guidance for accessible design, the U.S. Access Board, recommends an exam chair with a low, uncompressed seat height of 17" to 19". Midmark Barrier-Free® exam chairs are the only chairs on the market that can lower to a height of 15.5" (uncompressed upholstery).



### Help patients help themselves.

A low seat height and wide, flat transfer surface enable patients to transfer onto and off of the exam chair with minimal assistance.







We love technology, but only if it makes life easier

## Standard Features



### Clean Assist™ Roller System

The retractable roller base allows you to easily and safely move the chair for cleaning.



### Hand and Foot Control

Standard hand and foot control designed to make patient positioning quick, effective and always within reach.



### Stirrups and Pelvic Tilt

Helps position patients properly and comfortably for lower body examinations.



### Active Sensing Technology®

Pauses table movement when disrupting impact is detected.



### Quick Exam® and Return to Home

Quick Exam elevates the chair to the exam position with one touch of the control, while Return to Home returns the chair to its home position.



### Accessory Receivers

Standard receivers are designed to make the integration of accessories easy and efficient—no tools required.



### Tamper-Resistant Receptacles

Easy-access receptacles on both sides of the chair provide a power connection for ancillary devices. And they are tamper resistant to help prevent injury.



### Premium Comfort System®

This patented feature stretches elastomeric material over a seat cutout designed to enhance patient comfort for a chair-like feel.



### Drawer Heater

Provides storage at the point of care with the option to warm supplies used for lower-body examinations.

## Optional Features (Available on select models)



### Lockout of Hand and Foot Controls

Prevent unintended movement of the chair when staff is away by using the lockout feature on the hand control.



### IQscale® (Optional)

Capture the patient's weight discreetly from the comfort and security of the exam chair and port data directly into the EMR with the integrated IQscale.



### Heated Upholstery (Optional)

The heated upholstery option provides soothing heat to help relax the patient while on the exam chair.



## Accessories help add versatility and function to your exam chair

### Accessories



**Patient Support Rails Plus™**  
Helps achieve proper positioning of the patient's arm for blood pressure capture.



**Patient Support Rails™**  
Provides patients with a 1¼ inch diameter continuous gripping surface for entering, exiting or repositioning on the exam table.



**Wireless Controls**  
Locate the hand and foot control anywhere in the room, removing cords and eliminating obstacles.



**Articulating Knee Crutches**  
The unique ball-socket design allows for a maximum range of adjustment, designed to ensure optimum knee and leg support. Available in a non-articulating option.



**Ritter 253 LED Light**  
The 253 is designed with easy access controls, high intensity light and an adjustable focal spot. Available in table mount and mobile options.



**IQvitals® Table Mount**  
Convenient table mount for the Midmark IQvitals vital signs device, designed to fit all Midmark and Ritter exam chairs.



**Stainless Steel Treatment Pan**  
Ideal for lower-body procedures or other situations in which removal of fluid and debris is necessary.

# Specifications and Color Options

## Specifications

Patient Weight Capacity:  
650 lb (295 kg)

Height:  
Uncompressed: 15.5" Low/37" High  
(39 cm/94 cm)

Compressed: 14.6" Low (36 cm)

Premium Upholstery Dimensions (top):  
28" W x 60" L  
(71 cm/152 cm)

Length with Footrest Extended:  
76" (193 cm)

Pelvic Tilt: 5 1/5°

Heated Drawer (24.6 watt)

Heated Drawer Temperature: 92° F to  
112° F at 115 VAC input voltage, 70° F  
ambient

Paper Roll Holder: Holds 24" x 3.56" dia.  
paper roll (61 cm x 9 cm)

Electrical Receptacle:  
Electrical Draw: 4A

Hospital-grade, electrical  
receptacles on left and right sides

Table Weight:  
435 lb (197 kg)

Shipping Weight:  
485 lb (220 kg)

## Electrical Ratings

115 VAC, 50/60Hz, 12A

## Safety Standards

ANSI/AAMI ES60601-1:2005+A2  
(R2012) +A1

CAN/CSA-C22.2 No. 60601-1:14

## Options

Heated Upholstery Temperatures:  
Temperature: Low: 95° F / High:  
102° F

Wide Premium Top:  
32" W x 60" L (97 x 152 cm)  
IQscale®:  
Scale Capacity: 650 lb (294.8 kg)  
Scale Resolution: 0.2 lb (0.1 kg)

Scale Accuracy:  
30 - 100 lb  
(13.6 - 45.4 kg) ± 0.2 lb (0.1 kg)  
100 - 300 lb  
(45.4 - 136.1 kg) ± 0.4 lb (0.2 kg)

300 - 500 lb  
(136.1 - 226.8 kg) ± 0.6 lb (0.3 kg)

500 - 650 lb  
(226.8 - 294.8 kg) ± 0.8 lb (0.4 kg)

Vitals device ports on left and right  
sides, plus rear of table.

## Accessories

Patient Support Rails Plus™

Patient Support Rails™

Articulating Knee Crutches

Standard Knee Crutches

Stainless Steel Treatment Pan

IQvitals® Table Mount

## Standard Upholstery Colors

-  Mist-813
-  Stone-814
-  Restful Path-858
-  Iron Ore-851
-  Lunar Gray-845
-  Obsidian-857
-  Oasis-843
-  Soothing Blue-855
-  Dream-847
-  Mineral-844
-  Healing Waters-848
-  Shaded Garden-853
-  Citrus-849
-  Sandy Retreat-850
-  Curative Copper-846
-  Cranberry-859
-  Dark Linen-856
-  Latte-860
-  Robust Brown-852
-  Deep Earth-854

## UltraFree\* Upholstery Colors

-  UltraFree Stone-865
-  UltraFree Restful Path-868
-  UltraFree Obsidian-867
-  UltraFree Harbor-861
-  UltraFree Wheatgrass-862
-  UltraFree Spice-863
-  UltraFree Cranberry-869
-  UltraFree Dark Linen-866
-  UltraFree Latte-870
-  UltraFree Branch-864

\*Ultraleather® by Ultrafabrics

## Midmark 626 Comparison Chart

	14.6" Seat Height (Compressed)	Clean Assist™ Roller System	Active Sensing Technology™	Lockout Hand & Foot Controls	650 lb Weight Capacity	Standard Rail Accessory Receivers	Tamper-Resistant Electrical Receptacles	Drawer Heater & Pelvic Tilt	Heated Upholstery	IQscale
626-001	•	•	•	•	•	•	•	•		
626-002	•	•	•	•	•	•	•	•	•	
626-003	•	•	•	•	•	•	•	•		•
626-004	•	•	•	•	•	•	•	•	•	•

## Midmark is an ISO 13485 Certified Company

For more information or a demonstration, contact your Midmark dealer or call: 1-800-MIDMARK  
Outside the U.S.A. call: 1-937-526-3662  
or visit our website at [midmark.com](http://midmark.com)

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