



MEDICAL

## 626 Barrier-Free® Examination Chair

# Better care begins with better design



Did you know that nearly half of the adult population in the US has hypertension?<sup>1</sup> That leaves them at higher risk for heart disease. We know how important it is for you to help your patients live their healthiest, happiest lives. That's why capturing an accurate blood pressure (BP) measurement is so important—better BP is better care.





# Better patient positioning is better BP

Standardization can be tough. According to the US Advisory Board, most health systems today find standardization across a network of sites challenging.<sup>2</sup>

## ONE OF THE BIGGEST AREAS OF OPPORTUNITY?

### ACCURATE BP MEASUREMENT

- Nearly 1 of every 2 US adults have high BP.<sup>1</sup>
- 16% of Americans are at risk for errors in BP measurement of +/- 5 mmHg, leaving them vulnerable to the effects of missed diagnoses and misdiagnoses, including increased risk of stroke or heart attack and adverse drug reactions.<sup>3</sup>
- 30 million Americans would be affected by overestimating true blood pressure by 5 mmHg, leading to inappropriate treatment and unnecessary cost.<sup>4</sup>

## COSTS RELATED TO AN IMPROPER BP MEASUREMENT CAN ADD UP QUICKLY.

1,900	\$135,000	\$733
Typical number of patients for one physician <sup>5</sup>	Average annual cost of hypertension per practicing physician <sup>6</sup>	Annual cost of overtreatment for hypertension per patient <sup>7</sup>

## EASILY POSITION PATIENTS FOR BETTER BP MEASUREMENT

Only Midmark can offer a fully integrated point of care workflow designed to promote proper patient positioning for a more accurate blood pressure measurement and a more efficient vital signs workflow with the ability to import data directly into the EMR, eliminating transcription errors.

### 1. PROPER SUPPORT

Powered movement of the back section ensures the patient's back is supported.

### 2. LOW HEIGHT

Barrier-free low chair height allows the majority of patients (even females with heights in the 3<sup>rd</sup> percentile) to place their feet flat on the floor.<sup>8</sup>

### 3. PROPER ARM PLACEMENT

Easily support the patient's arm with cuff at heart level using the Patient Support Rails+ accessory.

### 4. EFFICIENCY

Connect IQvitals® to the 626 with integrated IQscale® to weigh patients quickly and discreetly from the exam chair. Then, send data to the EMR with the push of a button.

### 5. CONNECTED DEVICES

The Midmark IQconnect™ framework provides a seamless connection from your devices to the EMR. Operate all of your devices from one single pane of glass—the computer screen.





# 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>9</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>3</sup>

- 01 Talking
- 02 Back not supported
- 03 Cuff placed over clothing
- 04 Arm not supported with cuff at heart level
- 05 Legs crossed and feet not flat on 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>10</sup>

- 01 Not talking
- 02 Back supported
- 03 Cuff placed on bare arm
- 04 Arm supported with cuff at heart height
- 05 Legs uncrossed and feet flat on floor



Accessible  
design  
ensures  
equal care  
for all



Midmark 626  
Barrier-Free®  
Examination Chair



## Help patients help themselves

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





# Features



# Models + Options

	14.6" Seat Height (Compressed) 15.5" Seat Height (Uncompressed)	Clean Assist Roller System	Active Sensing Technology	Lockout Hand + Foot Controls	Wireless Hand + Foot Controls	Wired Hand + Foot Controls	Heated Upholstery	IQscale	650 lb Weight Capacity	Standard Rail Accessory Receivers	Tamper-Resistant Electrical Receptacles	Drawer Heater + Pelvic Tilt
Midmark												
626-001	•	•	•	•		•			•	•	•	•
626-002	•	•	•	•		•	•		•	•	•	•
626-003	•	•	•	•	•			•	•	•	•	•
626-004	•	•	•	•	•		•	•	•	•	•	•
626-005	•	•	•	•		•		•	•	•	•	•
626-006	•	•	•	•		•	•	•	•	•	•	•


## Optional Features (Available on select models)



**IQSCALE®**

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






**HEATED UPHOLSTERY**

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

# STANDARD FEATURES



**CLEAN ASSIST ROLLER SYSTEM**

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



**HAND + FOOT CONTROL**

Hand/foot control designed to make patient positioning quick and effective.



**STIRRUPS + 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® + RETURN TO HOME**

Quick Exam elevates the chair to the exam position. Return to Home returns the chair to its home position.



**ACCESSORY RECEIVERS**

Standard receivers allow for the integration of accessories without the use of tools.



**TAMPER-RESISTANT RECEPTACLES**

Receptacles on both sides of the chair provide a power connection for devices.



**PREMIUM COMFORT SYSTEM®**

Elastomeric material stretched over a seat cutout for a chair-like feel.



**DRAWER HEATER**

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



**LOCKOUT OF HAND + FOOT CONTROLS**

Prevent unintended movement of the chair when staff is away by using the lockout feature. Simply press and hold the Stop and Back Down buttons simultaneously.



Accessories



Accessories help  
add **versatility +  
function** to your  
exam chair

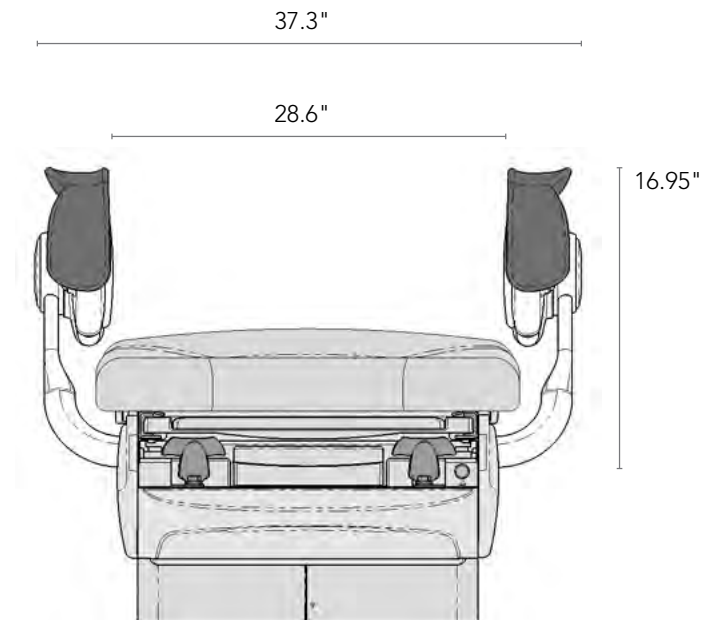


## ACCESSORIES



### PATIENT SUPPORT RAILS+

Helps achieve proper positioning of the patient's arm for blood pressure capture.



Patient Support Rails+ Dimensions



### PATIENT SUPPORT RAILS

Provides patients with a 1 1/4 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 chair mount and mobile options.



### STAINLESS STEEL TREATMENT PAN

Ideal for lower-body procedures or other situations in which removal of fluid and debris is necessary.

# COLOR OPTIONS

## 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 ULTRFABRICS

# SPECIFICATIONS

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Patient Weight Capacity:  
650 lb (295 kg)

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

Compressed: 14.6" Low (36 cm)  
oversized casters

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: 4 A

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, 50/60 Hz, 12A

## OPTIONS

Heated Upholstery Temperatures:  
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)

Vital Signs Device ports on left and  
right sides, plus rear of table.

## ACCESSORIES

Patient Support Rails+

Patient Support Rails

Articulating Knee Crutches

Standard Knee Crutches

Stainless Steel Treatment Pan

# SOURCES

01 <http://www.acc.org/latest-in-cardiology/articles/2017/11/08/11/47/mon-5pm-bp-guideline-aha-2017>

02 <https://www.advisory.com/research/health-care-advisory-board/white-papers/2016/the-system-blueprint-for-clinical-standardization>

03 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](http://www.census.gov)

04 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2911816/>

05 Panel size sourced from Journal of the American Board of Family Medicine July - August 2016; Vol. 29, No. 4

06 \$733 x (9.8% of 1,900) = ~\$135,000, 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 and prescription (payer is either the patient, insurance company or ACO), 2) 9.8% = 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](http://www.census.gov), 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

07 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"

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

09 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2911816/>

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





Designing better care.™



CARB 93120.2 Phase 2 Compliant

The color examples shown are the best representation of the original material. Actual color may vary slightly. We strongly recommend that you contact Midmark Customer Experience at 1.800.MIDMARK to request a sample before placing your order.

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