



Specialized Equipment  
for Specialty Healthcare

# 464 SERIES CHAIRS



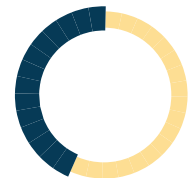
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# Designing for *Accessibility and Safety*

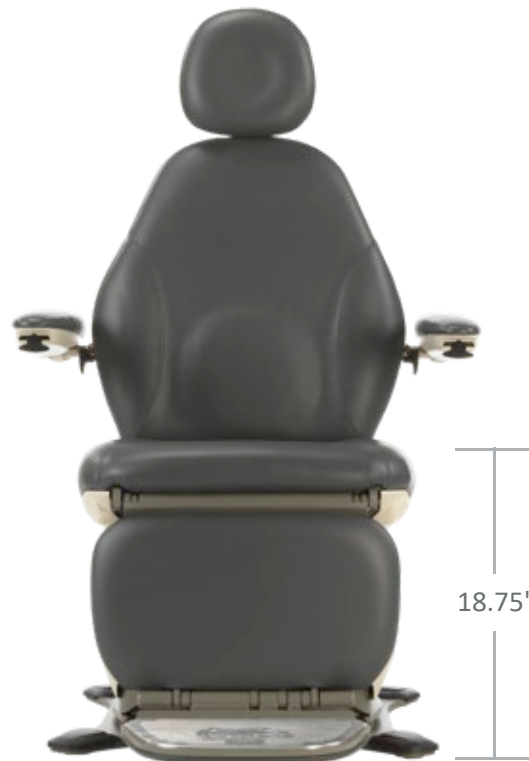
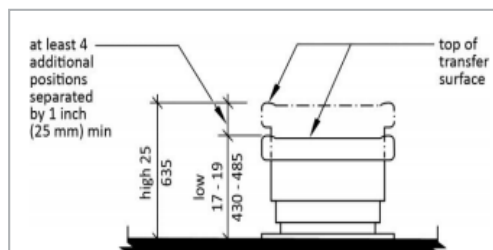
## Changing Patient and Healthcare Demographics

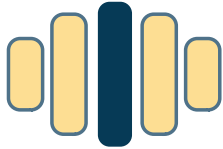
There are a number of factors that led MTI to design ADA Compliant accessibility and safety standards into its newest products. Amongst those are the high percentage of people with mobility disabilities, the obesity percentage among U.S. adults, the average age of patients continuing to rise, and the high percentage of healthcare worker injuries.

MTI's ADA Compliant accessible chairs and tables can help reduce patient and healthcare worker injury and distress to achieve a true patient and healthcare worker centered design. They also help reduce liability issues and increase patient satisfaction and employee retention using the newest technology and quality standards.



MTI's ADA Compliant chairs and tables meet the **17"-19" entry height** and all other ADA requirements.





## The Americans with Disabilities Act of 1990

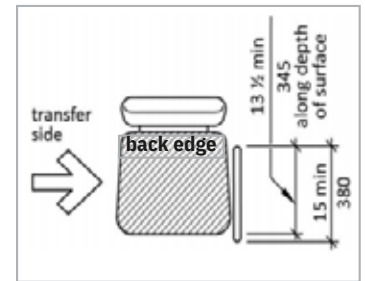
The Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Rehabilitation Act of 1973 are federal civil rights laws that prohibit discrimination against individuals with disabilities in every-day activities. In 2010, Section 510 was added to the Rehabilitation Act of 1973 that requires the Access Board to issue standards for medical, dental and ophthalmic diagnostic equipment to ensure such equipment is accessible to, and usable by, individuals with disabilities.<sup>4</sup>



In 2017, the U.S. Access Board added part 1195 to title 36 of the Code of Federal Regulations as a published document in the Federal Register to meet the requirements of Section 510 of the Rehabilitation Act of 1973 for an ADA Compliant chair and table.<sup>4</sup> Two of the key components to this regulation are the entry height of 17"-19" and a patient transfer support, with which MTI's ADA Compliant chairs and tables comply.

# Transfer *Supports*

MTI's Transfer Support is ambidextrous, rotates 180 degrees, and meets all ADA requirements.



This information is not to be construed as legal advice. For more information about ADA guidelines, visit the ADA website at [www.ada.gov](http://www.ada.gov) or call the ADA information line toll-free at 800.514.0301 (voice) or 800.514.0383 (TTY).

<sup>1</sup> <https://www.cdc.gov/ncbddd/disabilityandhealth/infographic-disability-impacts-all.html>

<sup>2</sup> <https://www.cdc.gov/obesity/data/adult.html>

<sup>3</sup> <https://www.bls.gov/iif/soii-charts-2018.pdf>

<sup>4</sup> <https://www.access-board.gov/files/mde/mde-rule.pdf>

# SmartTech™

SmartTech™ is the combination of MTI's Smart Controller™ and Smart Safety™ technology using a centralized computer controller that enhances safety, reduces energy consumption, and provides smoother movement, additional memory options and more user preferences.

The MTI 464 Exam/Procedure and 463 Exam Chairs have a power lift and power backrest, which are coordinated with the footrest.

The 464 adds a power tilt of up to 30° for a superior patient contouring and up to 20° of Trendelenburg. Both the 464 and 463 feature ComfortSync™ for the ultimate in luxury and comfort.

Both patent pending chairs are ADA Compliant, providing easy patient ingress/egress and equal access for patients and caregivers with disabilities.



## ADA

Compliant with All ADA Regulations<sup>5</sup>



## EasyView™

EasyView™ Chair Back Mounted Membrane Switches



## Extension

Power Footrest Extends Automatically for Taller Patients



## Hassle Free

Maintenance-Free Joints. No Lubricating Pivot Joints... EVER!



## Hibernate

After 60 Minutes Chair Sleeps to Save Energy



## Home

ADA Compliant Home and Programmable Home Positions



## Memory

4 Dynamic User-Programmable Buttons



## Movement

Removable Slide Back Patient Arms Compensate with Backrest Movement



## Safety

Smart Safety™ Technology Helps Keep the Chair in Safe Positions



## Soft Start

Technology Providing Smooth Start and Stop Movements



## Speed

Ultra Quiet Low Voltage DC Motors Provide Speed and Power



## Swivel

Auto-Lock and Lock/Unlock Electronic Swivel Settings (Configurable)



## Universal

Universal power supply for 100-240 volt applications (VAC)



## Upholstery

Quick Installation and Removable for Easy Cleaning and Replacement

# Standard Features



**Low Voltage Motors:** power lift, back, tilt, and backrest coordinated with footrest featuring ComfortSync™

**Height:** 18.75"-37"

**Length:** 78" plus an additional 7" headrest extension

**Width:** 21"

**Backrest:** tapered

**Base:** swivel (333°)

**Patient Load Capacity:** 725 lb

**Controls:** dual EasyView™ chair back mounted membrane hand switches with LED indicators

**Programmable Buttons:** 4 dynamic user-programmable buttons

**Home Button:** ADA Compliant home and user-programmable home positions

**Headrest:** oval articulating. See the headrest section for other available headrests for the 464/463 chairs.

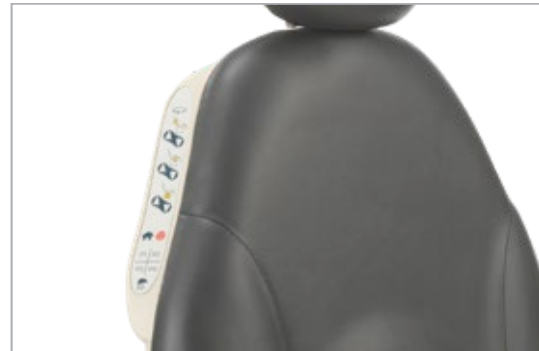
**Patient Arms:** slide-back, floating.

**Leveling Glides:** built-in

**G2 Accessories:** plug and play accessories  
Patents: 10632037, 7862123, 8480172, 9125495, 9782319 Additional Patents Pending



Ultra quiet DC motors are 30% faster and at a 725 lb rating, the 464 Series Chairs have an unmatched patient capacity.



EasyView™ chair back mounted hand switches visible even from the front of the chair.



The soft and sleek design defines luxury and provides superior access to the patient.



ADA Compliant 18.75" entry height with flip-up footrest and padded surface.

6

7

Tilt only available on 464 Chair

The 463 chair has 2-function back-mounted hand switches



# ComfortSync™

The 464 and 463 chairs' ComfortSync™ eliminates the patient's feeling of sliding out of the chair by providing continuous support for the patient's legs and feet while the backrest is laid down. ComfortSync™ provides independent, smooth movements of the leg rest and footrest as it follows the natural relationship of the patient's resting legs and feet by automatically extending and maintaining that relationship. The leg rest also extends automatically to compensate for taller patients.



ComfortSync™ maintains the position of the foot plate at 90° as the backrest reclines and footrest extends to maximize patient comfort and security. The footrest then lays flat once the patient is sufficiently reclined.

## The Power of Tilt

463 464



The only difference between the 463 and the 464 chairs is that the 464 is capable of tilting the seat section up to 30° and have 20° of Trendelenburg.

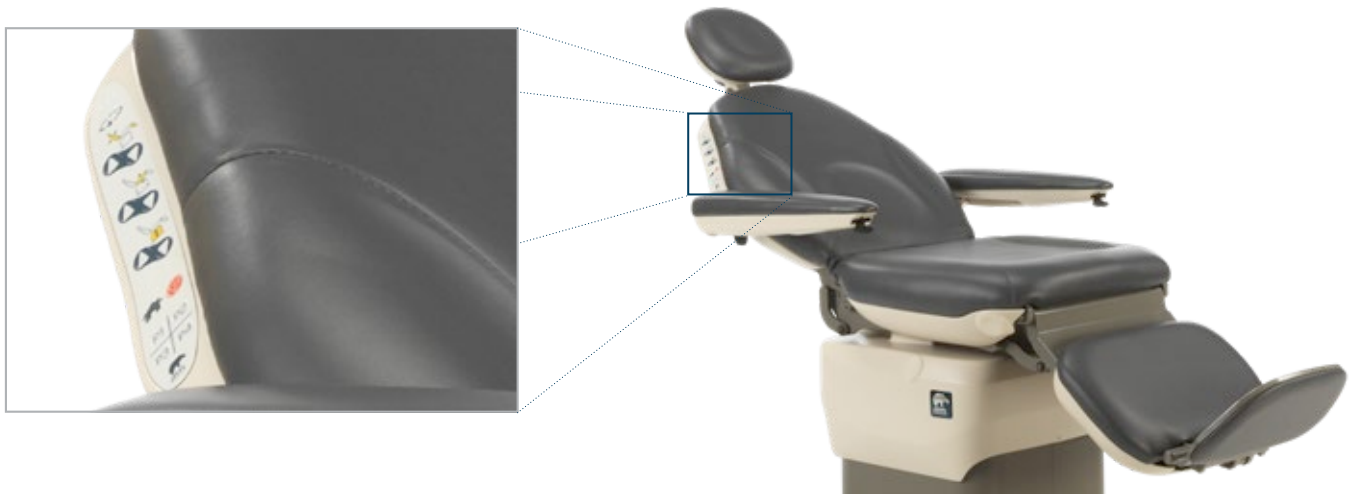
There are three main reasons why tilt is important in a chair. Tilt makes sure the patient feels safe and comfortable,

gives

the caregiver better access to the patient and makes it possible to quickly get the patient into the Trendelenburg position.

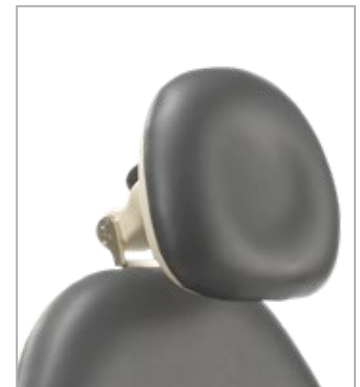
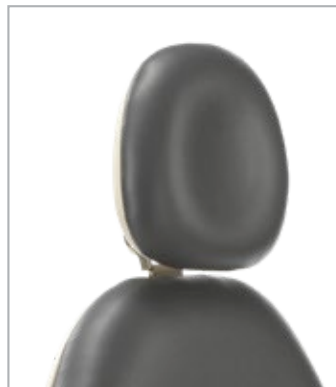
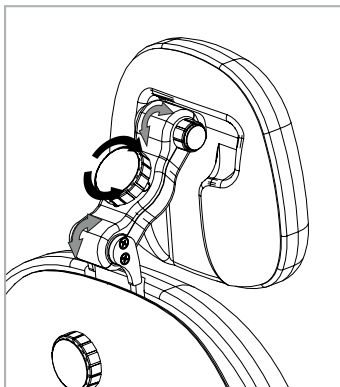
# EasyView™

Chair back mounted membrane switches are visible even when in the reclined position. EasyView™ allows control over all chair actuation including memory positions and 333° of swivel base functionality at the touch of a button.



## Articulating Headrest

MTI's convenient 1/4-turn articulating headrest adjusts and locks firmly into ideal position in just seconds. The right combination of headrest height and articulation provide ultimate comfort and security for a patient of any size.



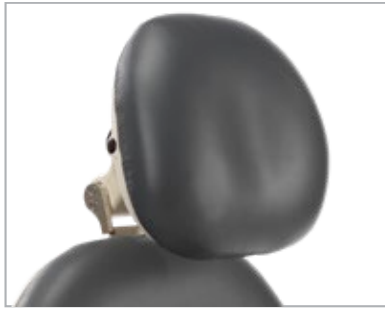
## Heavy-Duty Construction

MTI's sleek and stylish outer design conceals a welded steel frame with strength that is unsurpassed in the industry, supporting a patient capacity of 725 lbs. It's maintenance-free joints and low voltage DC motors provide smooth, quiet and quick transitions from one position to the next.



# Headrests

Additional headrest cushions for quick and easy cushion changes with a simple twist of a knob.



Deep Oval



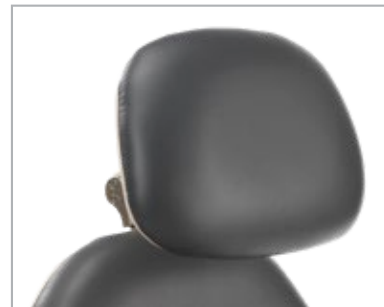
Horseshoe



Magnetic



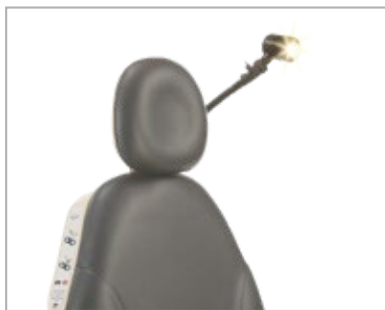
Prosthetic



Rectangular

# Accessories

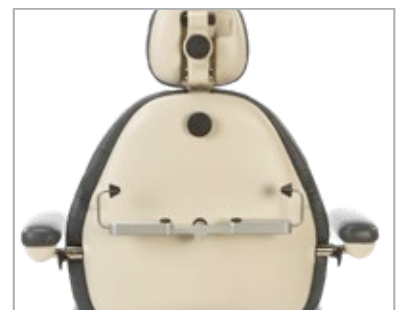
Choose from various G2 plug and play accessories to customize your chair for any exam or procedure.



Exam Light  
(Chair Back Mounted)



Foot Control



Paper Roll Holder  
18-21"  
Adjustable



Power Cord, 3'



Restraint Straps (Body)



Transfer Support



# Seamless Upholstery

MTI's Premium Upholstery, both aesthetically pleasing and durable, complements any space.



## Premium Colors



Taupe  
215



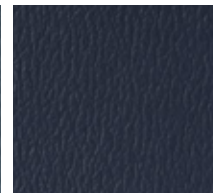
Gunmetal  
218



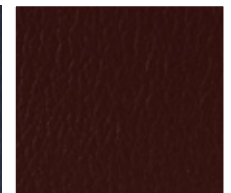
Mocha  
237



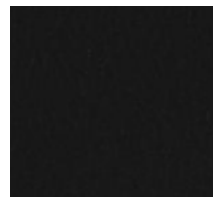
Blue Ridge  
221



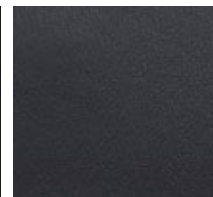
Midnight Blue  
239



Burgundy  
238



Black  
217



Slate  
250



Dove  
241

# Designer Upholstery

MTI's Ultraleather® Upholstery, a soft and supple PVC free material, is designed to delight while defining the ultimate in luxury.



## Ultraleather® Colors



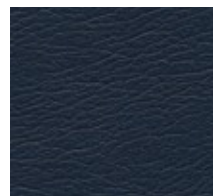
Arctic  
242



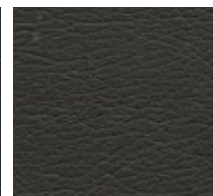
Papyrus  
223



Pine Cone  
243



Diplomat Blue  
236



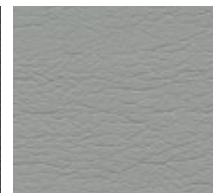
Raven Wing  
225



Garnet  
244



Schooner  
226



Dove Grey  
245



Silver Pearl  
246



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