550 *Podiatry*

MTI™

& *Wound Care Chair*

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MTI embarked on one of the largest projects that we have ever undertaken – Design the Perfect Podiatry & Wound Care Chair.

The journey began on the Medical Diagnostic Equipment Accessibility Standard Advisory Committee. As a member of the committee, Jeff Baker, MTI's President, played a major role in improving ADA regulations for patients and caregivers with disabilities.

Next, MTI conducted extensive research, exploring our strengths and discussing needs with caregivers and customers.

This resulted in hundreds of ideas, which helped develop the requirements for an ADA compliant chair and the perfect patient and caregiver experience.

Industrial design provided the vision, sketches and renderings for our sleek and luxurious new design.

MTI's engineering experts developed the 3D models and used 3D printing technology for many prototypes from the industrial designs.

MTI utilized leading DC low voltage motor technology, SmartTech™ software, thermoform molding, and welding experts to build every intricate part of the chair.

Finally, over 100 safety, strength, FDA, ADA and UL tests were conducted. To prove the 550's character, the top actuators were cycled under load over 130,000 cycles and then it was loaded with over 4,300 pounds of static load.

The end result is the first ADA compliant chair with SmartTech™. SmartTech™ is the combination of our Smart Controller™ and Smart Safety™ technology using a centralized computer controller that enhances safety, movement, user preference, memory and energy.

To the right, see a few of the many SmartTech™ features.

Learn more @ mti.net/550

SmartTech™

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550 features

ADA Compliant
Complies w/regulation 36 CFR Part 1195 Standards for Accessible Medical Diagnostic Equipment and 2010 ADA Standards for Accessible Design[1]

Soft Start/Stop
Technology providing smooth start and stop movements

Programs
4 Dynamic user programmable positions

Home
ADA Compliant[1] and User Programmable Home positions

Hibernate
After 60 minutes chair sleeps to save on energy

Control
Foot control with sealed membrane for cleaning & disinfecting

Upholstery
Quick installation and removal for easy cleaning and replacement

Swivel
ADA Compliant 333° swivel base (optional)

Universal
Universal power supply for 100-240 volt applications

Extension
7" power foot extension for taller patients

Safety
Safety Lockout™ Safe Zones and Collision Avoidance System™ help keep the chair in safe positions

Speed
Ultra-quiet DC motor lift is up to 30% faster than previous models

Hassle Free
Maintenance free joints. No lubricating joints...EVER

The MTI 550 Podiatry & Wound Care Chair is ADA Compliant in all base versions (standard, swivel or mobile) using the transfer supports, providing easy patient ingress/egress and equal access for patients and caregivers with disabilities. Their soft and sleek design defines luxury and provides superior patient access with an ultra-thin backrest and easy access contoured base plate.

- **31** SmartTech™ features
- **18.75"-39"** power lift[2]
- **0-85°** power back
- **0-30°** power tilt
- **0-90°** power foot
- **7"** power foot extension
- **73"** long plus an additional 7" headrest extension
- **25"** wide
- **725 lb** patient capacity
- **5** dynamic memory positions
- **Programmable** foot control
- **Rectangular** non-articulating headrest
- **Slide-Back** floating arms
- **333°** swivel *(optional)*
- **Foot & Arm** Spline Attachment System™ for G2 accessories

[1] With transfer supports. Other accessories may be required depending on procedure.
[2] Varies by base style

Seamless Upholstery

Premium upholstery eliminates exposed stitching, promoting improved disinfection and an easy to clean surface.

Designer Upholstery

Ultraleather® upholstery adds even more luxury. It is a PVC Free material and contributes to LEED™ and BIFMA credits. Ultraleather is also GREENGUARD Gold Certified.

Seamless Upholstery									Designer Upholstery								
taupe 215	gunmetal 218	mocha 237	burgundy 238	blue ridge 221	midnight blue 239	black 217	nickel 240	dove 241	arctic 242	papyrus 223	pine cone 243	garnet 244	diplomat blue 236	raven wing 225	schooner 226	dove grey 245	silver pearl 246

◆ Bases ◆

Choose one of three ADA Compliant bases. The Swivel Base's Safe Swivel™ lock can be set to a Lock/Unlock or Auto-Lock setting. For safety, the swivel auto-locks during unsafe movements. While swiveling the chair, the power and foot control cords do not swivel with the chair.

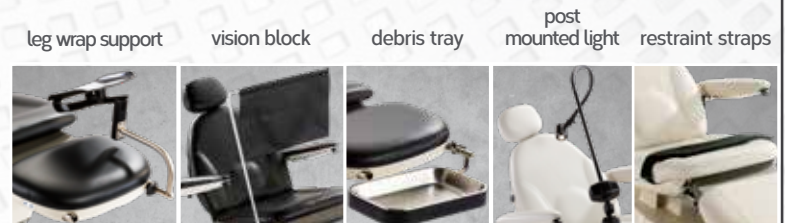standard   swivel   mobile

◆ Headrests ◆

For additional versatility, upgrade your headrest to an articulating headrest with any of these headrest cushions. Quickly and easily change your cushion with a simple twist of a knob. Requires the purchase of an articulating headrest lock mechanism.

oval   deep oval   rectangular   horseshoe   prosthetic

Arms ◆

Choose from multiple arm options. Our patented Spline System™[3] provides quick and easy attachment and removal of accessories.

transfer support & bed rails   hand/forearm surgery table[3]   IV & surgery[3]

leg wrap support   vision block   debris tray   post mounted light   restraint straps

Accessories ◆

Choose from various G2 Plug-n-Play Accessories to customize your chair to any exam or procedure *(arm and foot splines are provided)*

G2 accessories