![MTI logo]

Specialized Equipment
for Specialty Healthcare

529 SERIES
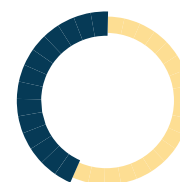# PODIATRY & WOUND
CARE CHAIRS
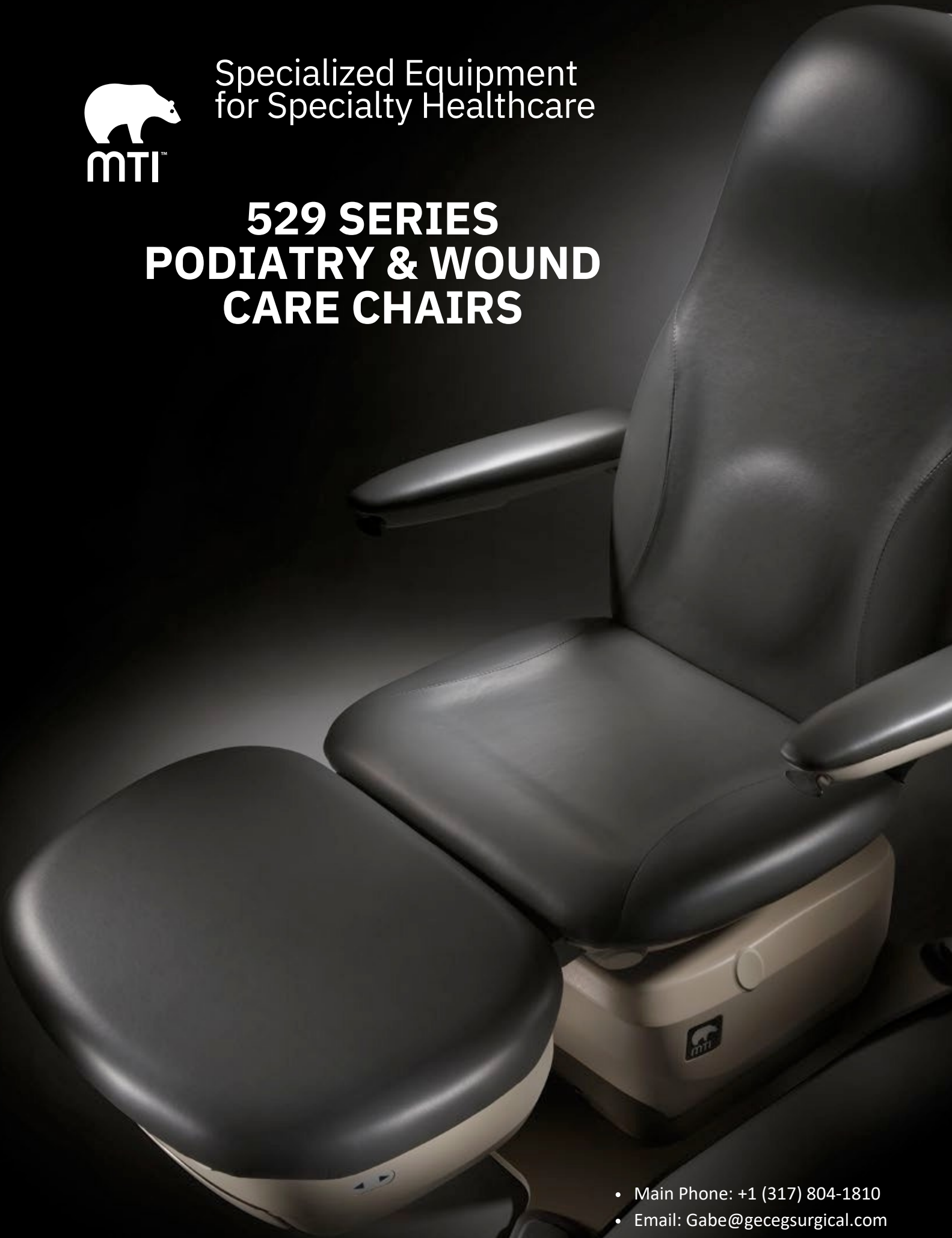
Designing for
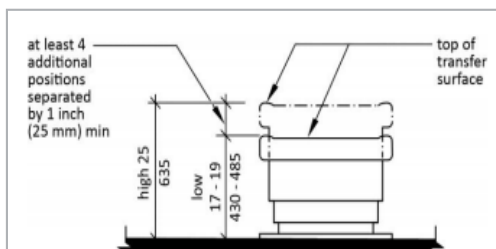# *Accessibility and Safety*
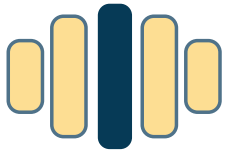
Changing Patient and Healthcare Demographics

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.

at least 4 additional positions separated by 1 inch (25 mm) min

top of transfer surface

high 25 635

low 17 - 19 430 - 485
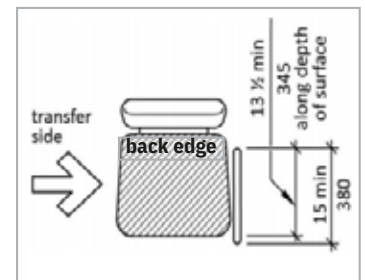
18.75"

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 everyday 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.4

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 table4. 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.

1
https://www.cdc.gov/ncbddd/disabilityandhealth/infographic-disability-impacts-all.html
2
https://www.cdc.gov/obesity/data/adult.html
3
https://www.bls.gov/iif/soii-charts-2018.pdf
4
https://www.access-board.gov/files/mde/mde-rule.pdf

Smar t*Tech*™

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.

With a redesigned powered foot section concealing a pull out stainless steel debris tray, MTI has improved on its gold standard line of Podiatry/Wound Care chairs with up to 850 lb patient weight capacity and ADA compliance.5

MTI's patented SmartTech™ and ComfortSync™ Technologies enable our Soft Start/Stop and programming for the ultimate in luxury and comfort.

MTI's ADA compliant5 chairs help reduce the likelihood of injuries to patients and caregivers by enabling patients to transfer onto the chair surface without help, using MTI's low entry height chairs and transfer support.

ADA
Compliant with
All ADA Regulations5
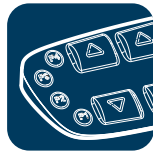
Control
Foot Control with Sealed
Membrane for Cleaning
and Disinfecting

E x tension
Power Footrest
Extends 11"
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

Memor y
4 Dynamic
User-Programmable
Buttons

Movement
Removable Slide Back
Patient Arms
Compensate with
Backrest Movement

Safet y
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
(Optional)

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 lift6, back, tilt, and footrest extension

Height: 529/529W - 18.75"-39"; 528 - 21" (529 swivel base - 18.75-37")

Length: 74.5" plus an additional 11" power footrest extension = 85.5"

Seat Width: 528/529 - 24"; 529W - 30"

Backrest: integrated headrest, tapered

Base: standard or swivel (333°)7

Patient Capacity: 528/529 - 725 lb 529W - 850 lb

Controls: foot control with optional foot section mounted hand control

Programmable Buttons: 4 dynamic user-programmable buttons

Home Button: ADA compliant6 home and user-programmable home positions

Headrest: integrated into backrest

Patient Arms: slide-back, floating and removable

Leveling Glides: adjustable and 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 patient rating (850 lb on the 529W), the 529 Series Chairs have an unmatched patient capacity.

Foot control with sealed membrane for easy cleaning and disinfecting.

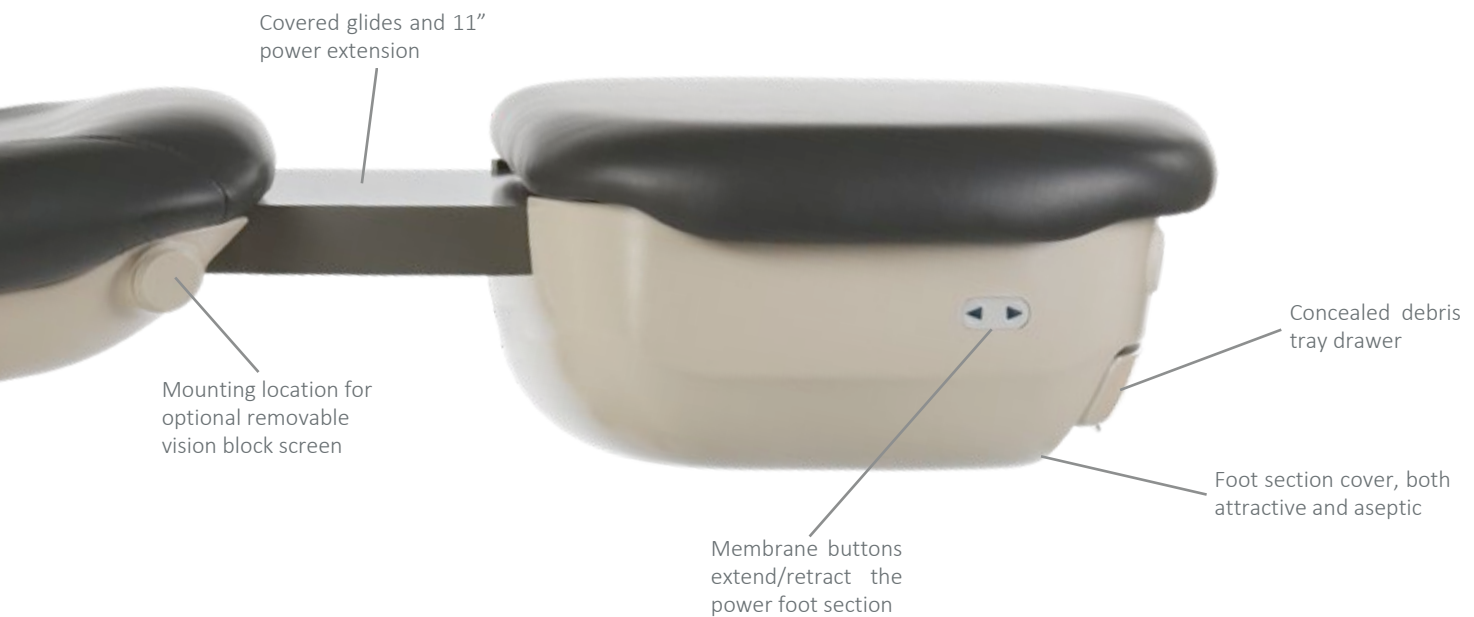The removable scuff cover comes standard on each 529 Series Chair.

ADA compliant 18.75" entry height on 529 and 529W (21" entry height on 528), all with power footrest extension.

6

7

Lift function and ADA compliance not available on 528 Chair

Swivel base only available on 529 Chair

Point of Care

The MTI 529 Series Podiatry/Wound Care Chairs have an exclusive industry first powered extendable foot section with an ergonomic design providing increased efficiency with reduced movements for the best delivery of care and patient outcomes.

Extend the foot section 11" hands free with the use of the four programmable buttons, the footrest extension button on the foot control, or use the membrane buttons on each side of the foot section for the optimal point of care position and patient comfort.

Covered glides and 11" power extension

Mounting location for optional removable vision block screen

Concealed debris tray drawer

Foot section cover, both attractive and aseptic

Membrane buttons extend/retract the power foot section

Aseptic Design

Mounting locations for optional Leg Wrapping Support accessory

The most aseptic and ergonomic design yet with a seamless wrap-around stainless steel debris tray, covered glides and a sealed membrane foot control leave no gaps or areas for contamination to collect. Simply remove the debris tray for a quick and efficient cleaning.

A simple ultra strong slide mechanism rated at an industry leading 150 lb of weight are designed to last the stress of a busy practice and eliminates the traditional problematic ball bearing slides.

Removable seamless wrap-around stainless steel debris tray

Debris tray drawer pull

Model Comparison

	528	529	529W
Power Functions	3 - Back, Tilt, Foot Ext.	4 - Lift, Back, Tilt, Foot Ext.	4 - Lift, Back, Tilt, Foot Ext.
Programming	4 Program Buttons, Programmable Home & Factory Home	4 Program Buttons, Programmable Home & ADA Compliant Home	4 Program Buttons, Programmable Home & ADA Compliant Home
Patient Capacity	725 lb	725 lb	850 lb
Seat Width	24"	24"	30"
Seat Entry - Extension Height	21" (No Lift)	18.75-39" on Standard Base 18.75-37" on Swivel Base	18.75-39"
Base	Standard	Standard or Swivel	Standard
Standard Accessories	Programmable Foot Control and Slide-back Patient Arms	Programmable Foot Control and Slide-back Patient Arms	Programmable Foot Control and Slide-back Patient Arms
ADA Compliant	No	Yes8	Yes8

[8]ADA compliant when purchased with optional transfer support

528 and 529   529W

725 lb Patient Capacity — 24"

850 lb Patient Capacity — 30"
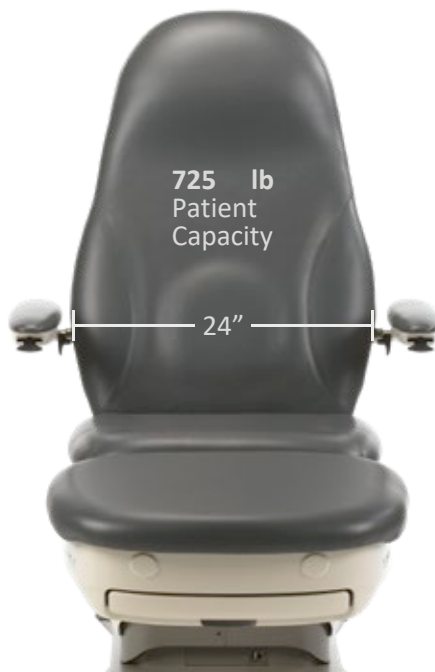
Accessories

Accessory Mount

Casters

Duplex Outlet

Exam Light
(Post mounted)

Hand Control
(corded & removable)

IV Rod

Leg Wrapping Support

Leveling Glides, 2"

Mayo Tray

Paper Roll Holder
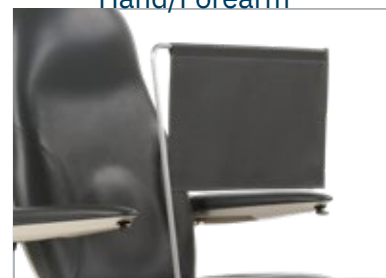18-21"
Adjustable

Power Cord, 3'

Procedure
Table,
Hand/Forearm

Restraint Strap, Body

Transfer Support

Vision Block

Seamless Upholstery

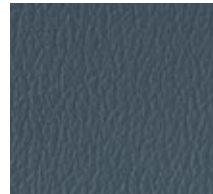MTI's Premium Upholstery, both aesthetically pleasing and durable, complements any space.
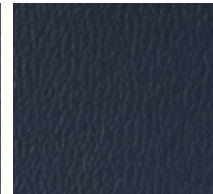
Premium Colors

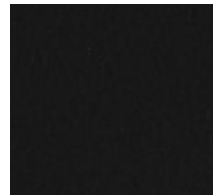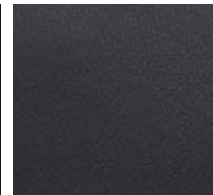|		
Taupe 215	Gunmetal 218	Mocha 237
Blue Ridge 221	Midnight Blue 239	Burgundy 238
Black 217	Slate 250	Dove 241

Designer Upholstery

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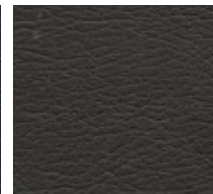
Ultraleather® Colors

Arctic 242	Papyrus 223	Pine Cone 243
Diplomat Blue 236	Raven Wing 225	Garnet 244
Schooner 226	Dove Grey 245	Silver Pearl 246

Geceg Surgical
Empowering Healthcare, Enhancing Lives

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