MTI OUTPERFORMS THE COMPETITION IN DESIGN AND CHAIR FEATURES.

SIMPLIFY DELIVERY OF CARE WITH A WORKFLOW SOLUTION TAILORED TO MEET YOUR NEEDS

Patient Arm Management

MTI offers standard and premium patient IV and patient arm management systems. We also have an entire selection of Floating Arm™ configurations. The MTI Floating Arm™ (see selection page 14) system is a patented arm system which helps eliminate the need for continual IV and patient arm readjustments. The system prevents arms from colliding with the chair (inset photo) should you actuate the auto return function and forget to reposition the arms at the conclusion of a procedure.
Superior Base Design

All MTI chair bases are telescoping and low-voltage DC-powered, providing a straight up and down ascent and decent. This eliminates the forward and backward movement of all cantilever base designs found in most competitive chairs. MTI’s advanced base design also offers superior lifting capacities of over 600 lbs., making it easy to accommodate even the heaviest of patients.

Headrest Selections to Meet Your Needs

MTI produces an entire family of specialty oral surgery headrests with an intuitive locking system which is easier to adjust than competitive headrest lock systems. If forearm supports are important, the MTI resilient urethane closed cell molded construction is far superior in comfort to the machined, hard plastic or the sandwiched vinyl construction of competitive forearm support headrests.

Rugged Construction and Velcro® Upholstery Attachment

All steel-welded construction and steel cushion substrates make the MTI chairs able to handle extremely heavy loads and assure long table or chair life. Velcro®-attached cushions make it easy to change chair color, replace a damaged cushion, and afford easy cleaning.

SUPERIOR PATIENT ACCESS

Standard on every MTI surgery table and consult chair

Products for your Oral Surgery office:

A 721 Contour Seat Surgery Chair
B EG Style Stool with foot ring
C EG Style Stool with curved body support
D OSIT Table
MTI Model 721 Contoured Seat Tri-Power Surgery Chair

POWER LIFT, POWER BACK, AND POWER TILT FUNCTIONS

Model 721 chair shown with System AF arm configuration, (1) Floating IV and Patient Arm™, with prosthetic headrest and designer upholstery style. See pages 14–15 for additional arm and headrest selections.
The MTI 721 offers maximum patient access and at the same time provides the patient unmatched comfort to aid in patient tranquility.

Thirteen different arm configurations and numerous headrest options provide additional versatility. Additional options like programmability, swivel bases, and mobility help satisfy the demands of today’s oral surgery practice.

Standard features include: 24-volt low-voltage DC-motors, 19” (48.3 cm) entry height with 16” (40.6 cm) vertical travel power lift base, power back and power tilt for trendelenburg positioning, headrest of choice, all steel frame and cushion substrates, selection of arm styles, designer or smooth Velcro®-attached upholstery styles in standard foams (optional memory foams and Ultraleather™ styles available), foot control or remote hand control with auto return, stop/cancel, and any button cancellation.

Positions from upright to contour and trendelenburg are easily attained with the three-power functions of the 721 chair.

Whether standing or sitting, MTI chairs provide unmatched patient access.

Ultra-thin backrest allows for easy access and comfort in positioning the knees underneath without headrest lock interference.
OS430

MTI Models OS428/429/430 Full Knee Break Quad-Power Surgery Tables

POWER LIFT, POWER BACK, POWER TILT, AND POWER FOOT FUNCTIONS

Model OS430 chair shown with System DF Floating Arm™ IV configuration, articulating deep oval headrest, and smooth upholstery style. See pages 14 – 15 for additional arm and headrest selections.
The OS430 Series surgery tables offer more flexibility than any other surgery table on the market. They are available in three maximum widths, 20", 22", and 24" (50.8, 55.9, and 61 cm), two different min/max height capabilities, 19/30.5" (48.3/77.5 cm) and 21/37" (53.3/94 cm), and in two different back styles: tapered and square.

The OS430 Series surgery tables are made even more versatile in meeting the needs of any practice with one of the thirteen different arm configurations. Programmability, swivel and mobile base options make the OS430’s even more adaptable to today’s oral surgery practice needs.

Standard features include: 24-volt low-voltage DC-motors, choice of width (20", 22", 24") [50.8, 55.9, 61 cm] and back style (tapered or square), 19" or 21" (48.3 or 53.3 cm) entry height with a 11.5" or 16" (29.2 or 40.6 cm) vertical travel power lift base, respectively, power back, power tilt for trendelenburg positioning, and power foot, headrest of choice, all steel frame and cushion substrates, selection of arm styles, smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultraleather™ styles available), foot control, remote hand control, or back mounted hand switches with auto return, stop/cancel, and any button cancellation.

Positions from upright to contour, flat, and trendelenburg are easily attained with the four-power functions of the OS430 Series tables.
The MTI 705 Dual-Power (lift and back) and the Model 710 Tri-Power (lift, back, and tilt) fixed contour Exam/Consult chairs provide the ultimate in patient comfort with flip-up and lock-down arms for those non-surgical procedures and examinations.

Model 705 has a fixed 7-degree seat tilt for increased patient comfort and economy, and Model 710 has a separate independent power tilt for up to 30-degrees of Trendelenburg.

The MTI consult chairs can be equipped with many of the options previously available only on major surgery chairs, such as electrically operated swivel base, mobile base options, and programmability.

Standard features include: 24-volt low-voltage DC-motors, 19” (48.3 cm) entry height with 16” (40.6 cm) vertical travel power lift base, power back and power tilt (Model 710 only), headrest of choice, all steel frame and cushion substrates, designer or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultraleather™ styles available), foot control, remote hand control, or back mounted hand switches with auto return, stop/cancel, and any button cancellation.

Multiple positions and superior patient access are available with the power functions of the MTI Consult Chairs.
The MTI Model 724 Tri-Power (lift, coordinated back/leg and independent power tilt) Full Knee Break Exam/Consult chair provides easy patient entry with flip-up and lock-down arms for those non-surgical procedures and examinations.

Model 724 has a separate independent power tilt for up to 15-degrees of trendelenburg. An optional swivel top is also available to aid in special patient positioning requirements.

Model 724 is available in either of two entry/operate heights, a high base “H” model, 21” (53.3 cm) entry height with 16” (40.6 cm) of vertical rise and a low base “L” model, 19” (48.3 cm) entry height with 11.5” (29.2 cm) of vertical rise.

Standard features include: 24-volt low-voltage DC-motors, 19” or 21” (48.3 or 53.3 cm) entry height with a 11.5” or 16” (29.2 or 40.6 cm) vertical travel power lift base, respectively, power back and coordinated power back/legrest and independent power tilt, headrest of choice, all steel frame and cushion substrates, designer or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultradex™ styles available), foot control or back mounted hand switches with auto return, stop/cancel, and any button cancellation.

Optional Flip-up Footrest is available in place of extended legrest.

Model 724 shown in designer upholstery style with oval articulating headrest. See page 15 for additional headrest selections.

Multiple positions and superior patient access are available with the power functions of the MTI Consult Chairs.
The Model 421E Power Lift and Manual coordinated back/leg and the Model 401 Power Lift and Manual Back chairs are ideal for imaging and brief exams.

The precision gas spring counterbalances the patient in recline and aids in returning patients to the upright position. The back-mounted handle release is readily accessible from both sides of the chair back and is actuated in either an up or down direction for a smooth recline or rise, while coordinating the movement of the back and the legrest.

The arms compensate with the back as it is reclined. The flip-up feature of the armrest aid in patient entry/exit, and the arm locks in the down position for patient security. On the Model 421E, as the back reclines the footrest rises in a coordinated manner. Conversely, on the Model 401, when the back is lowered the stainless steel looped footrest does not move.

The 8” rise electro-hydraulic base is foot controlled by two pedals on the base. Both Model 421E and 401 are available in a manual hydraulic base, 421M and 400, respectively.

Standard features include: 8” (20.3 cm) vertical travel hydraulic power lift base on both models, Power hydraulic base with a 19” (48.3 cm) entry height and 8” (20.3 cm) of vertical travel, manual back coordinated legrest recline on Model 421E and manual back only on Model 401, headrest of choice (non-articulating is standard on Models 421M/401/400), all steel frame and cushion substrates, and designer (421E only) or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultraleather™ styles available).
MTI Model TRC600 and TRC600XL Mobile Patient Transfer/Recovery Chairs

MOBILE BASE AND MANUAL RECLINE

The MTI TRC600 and TRC600XL provide a safe and comfortable patient management platform for surgery recovery, transport, and other clinical needs.

These models provide three positions from upright to trendelenburg through a control handle located on the rear of the recliner back accessible from either side.

The MTI TRC600XL has a higher weight capacity and is slightly larger than the TRC600 (see specifications).

Standard features include: 5” swivel locking quiet-run casters, two swing-up 11” x 18” utility tables, and transport handle. Other options and models are available upon request.
The OSIT Series of mobile instrument tables are designed with all steel frame construction and an attractive Crystal laminate top for the 1000 Series and a Frosty White solid surface top for the 2000 series, both with a laminated underside to aid in cleaning. The OSIT tables can be optionally ordered in special colors.

The OSIT mobile tables provide a stable and adjustable working surface for medical and dental specialties needing additional working surfaces. They efficiently use floor space next to and over the patient by straddling the patient and the chair/table to position the table where it is needed.

They are adjustable from 30.5" to 48" (77.5 to 121.2 cm) and provide a 23.5" x 39" (60 x 99 cm) sculptured counter top working surface. Counter top edge guards, IV rod and holder, and high volume evacuation tip holders are also optionally available.

A 21" x 12" (53.3 x 30.5 cm) pullout tray for support of an instrument tray or an additional work surface is standard on the OSIT-1001 and OSIT-2001 models.

Standard features include: Four twin-wheel locking urethane tread casters, Crystal Laminate top and laminated underside, and 17.5" (44.5 cm) vertical adjustment.
The MTI MTC Series of cabinets feature European styling with appealing rounded side panel edges and molded handles, premium industrial wood components and Wilsonart Crystal color laminate outside with melamine laminated inside.

European style drawer construction with metal side/slides make the metal side and the slide of the drawer one piece. In models with doors, the MTC's also employ quality European hardware for wider opening.

The MTC doors and drawers are all constructed with heavy molded edge guards for durability. Other options are available such as lift up shelf, recessed dirty instrument trays, drawer locks, and more.

Standard features include: Choice of 22" (55.9 cm) deep or 18" (45.7 cm) deep counter top, four hard rubber casters, laminate inside and out, European drawer construction and hinge hardware, 3 mm drawer/door edge molding, resilient counter top edge guard, choice of Crystal or Black counter top and backwall, and choice of one of MTI's seven Standard Laminate Cabinet colors for the doors and drawers.

Optional drawer inserts also available (CDI-3 and CDI-4).

MTI MTC Mobile Treatment Cabinets

Crystal  Brittany Blue  Shadow

Grey  Sangaree  Light Beige  Dove Grey

MTC-1  MTC-A  MTC-B
MTI Options and Accessories

Arm Options
Choose one or more of the arms from one of the mounting types for your arm system.

Floating Arm™ Mounted Systems*

- PA472-RF Patient Arm
- MP702-RF Standard 8-way IV Arm
- MPD702-RF Deluxe 8-way IV Arm
- PA473-SBRF-RH Slide Back Patient Arm, Right-hand
- PA473-SBRF-LH Slide Back Patient Arm, Left-hand

Seat Rail Mounted Systems

- PA471-1 Patient Arm
- MP701 18” Standard 8-way IV Arm
- MPD701 18” Deluxe 8-way IV Arm
- PAS-2 Patient Arm Sling (requires PA471-1 Patient Arm)

Patient Arm Management
MTI offers standard and premium patient IV and patient arm management systems that can be mounted to the chair three different ways: Floating Arm™ mounted, seat rail mounted, and back rail mounted.

The MTI Floating Arm™ system is a patented arm system which helps eliminate the need for continual IV and Patient arm readjustments. They avoid the arm colliding with the chair should you actuate the auto return function and forget to reposition the arms at the conclusion of a procedure.

As a patient is reclined, the arms move with the patient eliminating the need for readjustments.

*Patent no. 7862123
Back Rail Mounted Systems

MP401 24" Standard 8-way IV Arm

MPD401 24" Deluxe 8-way IV Arm

Control Options

Upgrade to a user-friendly programmable foot control.

Corded hand control

Dual back-mounted membrane switches (OS428/429/430, 705/710, 724 models only)

Headrest Options

AH401-1 Oval Articulating

U-shaped Pillow (requires AH401-1)

AH405-1 Deep Oval Articulating

AH404-1 Rectangular Articulating (forearm supports not available)

PH402-1 Prosthetic Articulating

Optional removable closed cell foam molded forearm supports affords comfortable support during chinning. Available on AH401-1, AH405-1 and PH402-1 headrests.
Additional Options and Accessories

BASE OPTIONS (MODELS 721, OS430 SERIES, AND 710/705 ONLY)

*Not available with a swivel base. ^Not available with a mobile base/rollers

FCSM Foot Control Mount BSR430 Base Rails IVBR Base-mounted IV Pole 2” Leveling Glides (other heights available)

LBMCB Low-boy Mobile Caster Base (adds 0.75”[1.9 cm] to height. Max width increases to 30.75”[78.1 cm])*

MCC Mobile Base (adds 5.5”[14 cm] to height)*

LC-4 Mobile Base (adds 3.75”[9.5 cm] to height)*

SB 340-degree Electronically-actuated Swivel Base (adds 1.75”[4.4 cm] to height)^

2” Post Accessories (Models 721, OS430 Series, 710/705 only)

Designer Upholstery (Models 721/705/710 only)

Smooth Upholstery (all models)

Ultra Plush (OS430 Series only)

Designer Upholstery (Models 724/421E only)

Memory foam available in standard, full-grain, or ultra fabrics.

Upholstery Options
Lighting
Couple your MTI chair with an ceiling or wall mounted, or floor stand exam or surgery/OR light. Dual-head and track mounts are available for most models as well as major surgery lighting.

A: Exam Light (available in LED or Halogen); B: IV Pole; C: Mayo Tray.

Swing Up/Down Bed Rails
(Model 721, O5430 Series only)

340-degree Swivel Chair Top
(Model 723/724 only)

Syringe Bracket Holder

Leg Restraint Strap

AIM LED Surgery Light
AIM-100 Minor Surgery Light
AIM-50 Minor Surgery Light
CoolSpot II Spotlight
721^®

Maximum Trendelenburg: 30°

Electrical Input/Power Consumption:
- 115/60, 3.5 amps
- 230/50, 1.75 amps

Shipping Weight*: 366 lbs. (166 kg)

Listed to the Safety Standards for Medical Electrical Equipment UL 60601-1, CSA-C22.2 60601-1, and IEC 60601-1

%^Patent no. 7862123
†Weight will vary depending on options chosen.
**OS428/429/430**

**SPECIFICATIONS/DIMENSIONS**

<table>
<thead>
<tr>
<th>Tapered Back Section:</th>
<th></th>
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<tbody>
<tr>
<td>OS428</td>
<td>20” tapering to 8” wide x 22” long  (50.8 cm tapering to 20.3 cm wide x 55.9 cm long)</td>
</tr>
<tr>
<td>OS429</td>
<td>22” tapering to 10” wide x 22” long  (55.9 cm tapering to 25.4 cm wide x 55.9 cm long)</td>
</tr>
<tr>
<td>OS430</td>
<td>24” tapering to 12” wide x 22” long  (60.9 cm tapering to 30.5 cm wide x 55.9 cm long)</td>
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<th>Square Back Section:</th>
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<tbody>
<tr>
<td>OS5429</td>
<td>22” x 22” wide x 22” long (55.9 cm x 55.9 cm)</td>
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<tr>
<td>OS5430</td>
<td>24” x 22” wide x 22” long (70 cm x 55.9 cm)</td>
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Maximum Trendelenburg: 30°

Electrical Input/Power Consumption:

|  | 115/60, 4 amps |
|  | 230/50, 2 amps |

Shipping weight†:

<table>
<thead>
<tr>
<th>Mode</th>
<th>Weight</th>
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<tbody>
<tr>
<td>OS428</td>
<td>410 lbs (186 kg)</td>
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<tr>
<td>OS429</td>
<td>415 lbs (188 kg)</td>
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<tr>
<td>OS430</td>
<td>423 lbs (192 kg)</td>
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</table>

Listed to the Safety Standards for Medical Electrical Equipment UL 60601-1, CSA-C22.2 60601-1, and IEC 60601-1.

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**OS428/429/430**

1. Chair width with Floating IV and Patient arms. Maximum width will depend on arm selection: 28” to 36” (71 cm to 91.4 cm)  
2. Chair width without arms§  
3. Chair length with deep oval articulating headrest  

*Headrest extensions adds 6” (15.2 cm)  
§ Decrease width 2” (5 cm) for OS429 Chair and 4” (10.2 cm) for OS428 Chair
**SPECIFICATIONS/DIMENSIONS**

OS428/429/430

4 Height from headrest to floor
5 Height from seat cushion to floor

*Headrest extensions adds 6” (15.2 cm)

**For High Model Chair, dimensions are 21” (53.3 cm) RETRACTED and 37” (94 cm) EXTENDED

^ For High Model Chair, dimensions are increased 2” (5 cm)

§ Height will vary depending on headrest chosen and headrest adjustment
### 705/710

**Maximum Trendelenburg:**
- Model 710: 30°
- Model 705: Fixed 7°

**Electrical Input/Power Consumption:**

<table>
<thead>
<tr>
<th></th>
<th>Model 710</th>
<th></th>
<th>Model 705</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model 710</td>
<td>115/60, 3.5 amps</td>
<td>230/50, 1.75 amps</td>
<td>115/60, 2.5 amps</td>
</tr>
<tr>
<td>Model 705</td>
<td>363 lbs. (165 kg)</td>
<td>373 lbs. (169 kg)</td>
<td></td>
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</tbody>
</table>

**Shipping Weight**:  
- Model 710: 363 lbs. (165 kg)  
- Model 705: 373 lbs. (169 kg)

Listed to the Safety Standards for Medical Electrical Equipment UL 60601-1, CSA-C22.2 60601-1, and IEC 60601-1

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#### Dimensions

1. Chair width with arms  
2. Width between arms  
3. Chair length with prosthetic articulating headrest*  
4. Chair seat width  
5. Height from headrest to floor  
6. Height from seat cushion to floor  
7. Height from footrest to floor  

*Headrest extensions adds 6” (15.2 cm)  
§ Height will vary depending on headrest chosen and headrest adjustment

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†Weight will vary depending on options chosen.
724

Maximum Trendelenburg: 15º

Electrical Input/Power Consumption:
- 115/60, 3.5 amps
- 220/50, 1.75 amps

Shipping weight†: 353 lbs. (160 kg)

Listed to the Safety Standards for Medical Electrical Equipment UL 60601-1, CSA-C22.2 60601-1, and IEC 60601-1

†Weight will vary depending on options chosen.
Specifications

421E/401

Minimum seat height: 19” (48.3 cm)
Vertical Rise: 8” (20.3 cm)

Overall Length:
- Model 421E w/o headrest extension: 72” (182.9 cm)
- Model 401 w/o headrest extension: 43” (109.2 cm)

Headrest extension: Add 6” (15 cm)

Seat Width: 20” (50.8 cm)
Maximum width with arms: 26” (66 cm)

Electrical input/Power consumption: 115/60, 2.5 amps

Shipping Weight:
- Model 421E: 245 lbs. (111 kg)
- Model 401: 253 lbs. (115 kg)

TRC600 and TRC600XLΔ

Maximum footprint length: 76.5” (194.3 cm)

Seat Height: 21” (53 cm)
Seat Width:
- TRC600: 21” (53 cm)
- TRC600XL: 25” (63.5 cm)

Overall Height: 49” (125 cm)
Back Height: 31.5” (80 cm)

Seat Depth: 20” (50.8 cm)

Weight:
- TRC600: 94 lbs. (42.6 kg)
- TRC600XL: 111 lbs. (50.4 kg)

Weight Capacity:
- TRC600: 275 lbs. (124.7 kg)Δ
- TRC600XL: 450 lbs. (204 kg)Δ

Δ Bariatric mobile chair is available upon request.

OSIT and MTC Cabinet

For OSIT-2000 and 2001, size and height may vary slightly.

Shipping weight:
- OSIT-1000: 85 lbs. (39 kg)
- OSIT-1001: 92 lbs. (42 kg)
- OSIT-2000: 108 lbs. (49 kg)
- OSIT-2001: 114 lbs. (52 kg)