Healthcare is changing. Are you changing with it?

Close to half of all procedures in the US are now performed in the office setting. With advancements in technology, anesthesia and pain management, it is expected that the number of procedures being performed on an outpatient basis will continue to rise. Is your facility equipped to handle this migration of care?

The Ritter® 230 Procedure Chair is designed to help organizations create a more efficient, effective and ergonomic outpatient procedure workflow, starting at the heart of the procedure room—the procedure chair.

**OUTPATIENT PROCEDURES ARE ON THE RISE**

- **144 million**: The number of outpatient surgical procedures are expected to grow to 144 million by 2023.
- **40%**: Close to half of all procedures in the US are performed in the office setting.
- **15%**: The estimated increase in the volume of outpatient procedures by 2028.
Better position caregivers for outpatient procedures

Healthcare workers are among one of the most at-risk professions in the US for musculoskeletal injuries. In fact, healthcare workers are almost three times as likely to suffer from work-related injuries than construction workers.\(^5\) Reaching and straining during lengthy procedures can lead to fatigue injuries.

Chair movement should give caregivers a clear view of the procedure site while allowing them to work from an ergonomically correct position whether seated or standing.

**PRECISE MEDICAL POSITIONING**

The Ritter® 230 Procedure Chair with power height, back, foot and tilt is designed to allow the provider to position patients effortlessly and precisely for a multitude of procedures.

- **Knee-Chest**
  Provides access to the lower body for patients in the prone position

- **Lithotomy**
  Position patients for lower-body procedures

- **Elevated Flat**
  Can improve access and visibility to the patient’s head, neck and torso

- **Chair Entry**
  Designed for better patient access to the chair

- **Trendelenburg**
  Widely used as a first-line treatment of acute hypotension and/or shock

- **STANDARD HAND CONTROL**
  The standard hand control in an easy-to-access location can make adjusting the chair position for improved patient comfort fast and easy.

- **ELECTRICAL OUTLETS**
  Hospital-grade electrical outlets on each side of the chair allow caregivers to easily power ancillary devices at the point of care.

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\(^5\) Reference: [Source](https://www.atspc.org/sites/default/files/2022-01/2022-01-04_Healthcare_Worker_Safety.pdf)
The Ritter® 230 Procedure Chair is designed to make patients feel more comfortable and secure. Features like the chair entry position can make patients feel more comfortable when accessing the procedure chair. The natural chair-like design can also help reduce the amount of pressure on the patient’s head and neck. A variety of patient support accessories can help improve comfort and reduce movement during procedures as well.

Comfort your patients will appreciate

The 24-inch wide and flat upholstery option allows for greater access to the patient.
Accessories Help Add Versatility + Function To Your Procedure Chair

Adjustable Arm System
Rotates and locks into one of three positions

Articulating Armboard
Attaches to either side of the chair and supports the patient's arm (fixed armboard available)

Linear-Style Foot Control
Helps maintain sterile field

Hand Surgery Armboard
Attaches to either side of the chair with an adjustable leg for added stability

Double Arm Instrument Tray
Designed to hold instruments and supplies close to the patient

Articulating Knee Crutches
Standard, fixed option available

Security Straps
Adjustable length and location

24" Wide Footrest
Provides a larger patient support surface

Security Side Panels
Can be used in vertical and horizontal position

Articulating Knee Crutches
Standard, fixed option available

Locking Casters
3 ½” added height to chair

Vision Block Screen
Adjusts vertically and blocks the patient’s line of sight

Ritter® 253 LED Exam Light
Available in chair mount and mobile

Facial Pad
Increase stability for the head and neck
**STANDARD UPHOLSTERY COLORS**
- Mist 813
- Stone 814
- Restful Path 858
- Iron Ore 851
- Lunar Gray 845
- Obsidian 857
- Oasis 843
- Soothing Blue 855
- Dream B47
- Mineral 844
- Healing Waters 848
- Shaded Garden 853
- Citrus B49
- Sandy Retreat 850
- Curative Copper B46
- 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

**RITTER 230**
- **Patient Weight Capacity:** 450 lb (204 kg)
- **Height:**
  - Minimum: 22.5" (57.2 cm)
  - Maximum: 40" (101.6 cm)
- **Seat Tilt Angle Range:** 0˚ to 30˚
- **Back Support Angle Range:**
  - 0˚ to 85˚
  - 0˚ to 90˚
- **Foot Support Angle Range:**
  - 0˚ to 90˚
- **Upholstery Width Dimensions:**
  - Headrest: 18" (45.7 cm)
  - Seat: 28" (71.1 cm)
  - Foot Support: 18" (45.7 cm)
- **Patient Support Surface Length:**
  - Flat Position: 72" (185.4 cm)
  - Flat Position with Headrest Extended: 83" (213.4 cm)
- **Paper Roll Holder Capacity:**
  - Holds 18" x 3.5" paper roll (45.7 x 8.9 cm)
- **Stirups are standard.**

**ELECTRICAL RATINGS**
- 115 VAC, 10 A, 50/60 Hz (for electrical outlet models)
- 115/230 VAC, 7/3.5 A, 50/60 Hz (for non-electrical outlet models)
- 115/230 VAC, 7.5/3.8 A, 50/60 Hz (for rotation models)

**OPTIONS**
- **Electrical Outlets:** Duplex, hospital grade
- **Rotation:** Allows 350˚ of chair rotation and adds 3.5" to the minimum and maximum seat height specifications

**ACCESSORIES**
- **Ritter® 253 LED Exam Light**
- **Linear-Style Foot Control**
- **24" Wide Footrest**
- **Adjustable Arm System** (includes left and right arms)
- **Articulating Armboard**
- **Hand Surgery Armboard**
- **Fixed Armboard**
- **Knee Crutches** (standard and articulating)
- **Casters**
- **Caster Base**
- **Security Straps**
- **Security Side Panels**
- **Base Rails**
- **Double Arm Instrument Tray**
- **IV Pole**
- **Urology Drain System**
- **Facial Pad**
- **Vision Block Screen**
- **3˚ Power Cord**
- **Swing Arm Instrument Tray, Extension Top**

**SOURCES**
1 Retrieved March 2021 from: https://decisionresourcesgroup.com/covid19-dashboard/
2 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3527870/
5 https://www.bls.gov/iif/osch0060.pdf
CARB 93129.2 Phase 2 Compliant and TSCA Title VI 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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