

# Knoll Seating for Healthcare

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## Going Green?

Today, more hospitals and health systems are paying attention to how their operations impact the environment. As a result, many hospitals are embracing products that help reduce waste, conserve energy, and maximize resources. These products can have a direct impact on the overall environmental health of a facility, with positive impact for both patients and staff. For example, conventional cleaning products, as well as many paints, adhesives and furnishings, can introduce irritating, allergenic scents and volatile organic compounds (VOCs) such as formaldehyde to the interior environment. By choosing low or VOC free products, hospitals can better protect indoor air quality for both patients and staff.

Both the *Green Guide for Healthcare*, the first sustainable design toolkit that integrates environmental practices and principles for planning, design, construction, and operation of healthcare facilities, and the new LEED for Healthcare Rating System recognize that Healthcare buildings have strict regulatory and infection control requirements, round the clock operations, and other special demands. By choosing low or VOC free products that are sustainably designed, hospitals and health care facilities can better protect indoor air quality for both patients and staff.

# Knoll Healthcare

## Our Commitment

Since the late 1970s, Knoll has been an industry leader in developing and implementing environmental policies, processes and technologies. We approach sustainability as a design challenge, pursuing solutions in clean technology, energy efficiency and resource conservation



# Knoll Healthcare

Healthcare environments require an easy to clean, easy to operate task chair that can withstand the rigors of a 24-hour, 7 days a week, multi shift work environment without sacrificing performance and comfort. Several of the most popular chairs in the Knoll Seating line up have been rigorously tested by an independent, third party laboratory and found to be safely and easily cleaned with some of the most common cleaning agents used in healthcare facilities.

## Knoll chairs tested include:

- Chadwick Chair
- Generation by Knoll™
- MultiGeneration by Knoll™
- ReGeneration by Knoll™
- Spark™ Series

## The following six cleaning agents were found to be safe to use on the Knoll chairs listed above:

- Clorox Germicidal Liquid Bleach diluted 1:5 ratio to tap water (pH 3.7)
- Clorox Cleanup undiluted 100% solution (pH 9.7)
- Wex-Cide 128 Concentrate Phenolic Germicide by Wexford Labs diluted 1 ounce to 1 gallon tap water (pH 3.7)
- Formula 880 Quaternary Germicide by Grand Technologies diluted ½ ounce to 1 gallon tap water (pH 8.1)
- Hydroxi Pro Concentrate 128 by Core Products diluted 1:8 ratio to tap water (pH 7.2)
- Virox 5 RTU cleaning solution



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# Knoll Healthcare

## Knoll Warranty Program

Knoll protects our clients' investment in our products through our comprehensive product warranties

- Knoll task seating is covered by a twelve year, 24 x 7, multi-shift warranty
- ***Warranty includes both parts and labor***



# Knoll Healthcare



## Life®

In today's consumerized healthcare market, patients and staff have many options. Show them that your facility chooses the best. The Life chair sets the standard for sophisticated design and effortless ergonomics. It is durable, recyclable and efficient in its use of materials.

### Features

- Auto-balance control and intuitive adjustments mean less time spent to adjust the chair
- Supportive, breathable knit back provides integral lumbar support
- Easy-to-replace seat topper and other parts allow for quick updates in the field
- SMaRT© Sustainable Gold certified and can contribute to achieving LEED credits
- GREENGUARD Children & Schools<sup>SM</sup> certified for sensitive populations

### Life fits naturally into any healthcare work environment

- Exam and Consultation Rooms
- Administrative Areas
- Private Offices
- Conference and Training
- Patient Registration and Reception



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## Generation by Knoll®

Generation by Knoll is the first work chair that allows staff to sit the way they want. Generation offers comfort and unrestrained movement, supporting a wide range of work postures for caregivers in dynamic, fast paced clinical environments.

### Features

- Flex Back and Flex Seat allow a wide range of movement; supporting forward facing, sideways and perched positions
- Dynamic Suspension control counterbalances body weight, resulting in a smooth and effortless ride
- Constructed using a flexible, durable, high performance elastomer
- Successfully tested by an independent laboratory with five of the most common cleaning agents and disinfectants used in healthcare facilities
- SMaRT® Sustainable Platinum and BIFMA level® 3 certified and can contribute to achieving LEED credits
- GREENGUARD Children & Schools<sup>SM</sup> certified for sensitive populations

### Generation is ideal for use in

- Nurse Stations
- Laboratory
- Exam and Consultation Rooms
- Patient Registration and Reception
- Administrative Areas
- Conference and Training



## ReGeneration by Knoll®

ReGeneration by Knoll allows staff to sit the way they want for everyday work. Its straightforward design leverages flexible and durable materials that respond to user's movements, providing caregivers comfort and support throughout the day.

### Features

- Slim profile back with contoured frame follows the curves of your shoulders, back and lumbar
- Flex Back Net, made of a high performance elastomer, cradles your back, providing integral lumbar support; fully upholstered back option provides the additional comfort of foam and fabric over the Flex Back Net
- Flex Seat responds to shifting postures with three sides of seat edge flex
- Dynamic Suspension control counterbalances body weight, resulting in a smooth and effortless ride
- Successfully tested by an independent laboratory with five of the most common cleaning agents and disinfectants used in healthcare facilities
- SMaRT® Sustainable Platinum , BIFMA level® 3 certified, GREENGUARD Children & Schools<sup>SM</sup> certified for sensitive populations and can contribute to achieving LEED credits

### ReGeneration is ideal for use in

- Patient Registration and Reception
- Exam and Consultation Rooms
- Nurse Stations
- Laboratory
- Administrative Areas
- Conference and Training

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# Knoll Healthcare

## Chadwick®

Today's clinical and laboratory environments require an easy to clean, easy to operate chair that can handle a demanding 24/7 work environment without sacrificing comfort. Drawing on his 30 years of experience in designing award-winning furniture, Don Chadwick created an ergonomic chair for multi-shift environments that is refreshingly simple, allowing caregivers to focus on patient care.

### Features

- Active Suspension™ System offers resilient and energizing support
- Highly cleanable, injection-molded, closed frame provides easy cleaning—diluted bleach solutions and wet washing techniques can be used
- Successfully tested by an independent laboratory with five of the most common cleaning agents and disinfectants used in healthcare facilities
- SMaRT© Sustainable Gold certified and can contribute to achieving LEED credits
- GREENGUARD Children & Schools<sup>SM</sup> certified for sensitive populations
- Optional tilt stop and adjustable arms available

Chadwick's smaller outer perimeter and large inner dimensions fit a variety of people and applications

- Nurse Stations
- Laboratory
- Exam and Consultation
- Administrative Areas
- Patient Registration and Reception
- Private Offices

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## RPM®

Engineered for durability, RPM delivers comfort and support, especially for 24-hour work environments. RPM has the durability for the clinical workplace and is engineered for performance and value.

### Features

- Ultra-plush, ergonomic foam for comfort
- Wide range of adjustment ensures proper ergonomic support
- Task, stool and side chair versions available
- GREENGUARD Children & Schools<sup>SM</sup> certified for sensitive populations

### Long-lasting comfort makes RPM ideal for

- Nurse Stations
- Private Office
- Laboratory
- Patient Registration and Reception
- Administrative Areas
- Call Centers



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# Knoll Healthcare

## Essentials Work Chairs™

Knoll is sensitive to hospitals' needs to reduce costs, upgrade facility aesthetics, and retain valuable staff, all at the same time. Essentials Work Chairs are simple, easy-to-use chairs that are affordable and maintain the Knoll tradition of good design and quality.

### Features

- A family of 8 chairs: 3 task, 3 conference and 2 side, offer breadth of choice
- Ergonomic features like adjustable arms and sliding seat accommodate many body types
- Built for durability with quality materials and construction
- GREENGUARD Children & Schools<sup>SM</sup> certified for sensitive populations

### Essentials Work Chairs are the perfect choice for

- Nurse Stations
- Administrative Areas
- Private Offices
- Patient Registration and Reception
- Conference and Training
- Exam and Consultation



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# Knoll Healthcare

## Sapper™

Recognized for its elegant lines and hand-finished craftsmanship, Sapper is an iconic chair well-suited to most distinguished executive offices, conference rooms or meeting spaces.

### Features

- High-back executive or mid-back management models
- Hand-finished channel stitching and rosette pleats
- Sculpted, high-resilience foam
- GREENGUARD Children & Schools<sup>SM</sup> certified for sensitive populations

### Sapper is ideal for

- Patient Registration and Reception
- Private Offices
- Conference Rooms



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## MultiGeneration by Knoll®

MultiGeneration extends the benefits of the award-winning Generation by Knoll® work chair, promoting comfort and freedom of movement in collaborative work settings. Two models—the stacking chair and the hybrid chair—support a variety of applications in healthcare environments.

### Features

- Open design supports a diversity of workers, multiple postures and a variety of uses
- Lightweight, minimal use of materials for agility and ease-of-use
- Molded nylon shell approved for use with six common cleaning agents and disinfectants used in healthcare facilities
- Passive shell flex encourages natural movement
- Stacking chair stacks 6-high on the floor, 10-high on a dolly; ganging clip also available
- Unique hybrid chair design combines comfort and mobility
- Available with upholstered seat pad option in textiles appropriate for healthcare use
- SMaRT® Sustainable Gold and BIFMA level® 3 certified and can contribute to achieving LEED credits
- GREENGUARD Children & Schools<sup>SM</sup> certified for sensitive populations



MultiGeneration hybrid chair



MultiGeneration stacking chair

### MultiGeneration chairs are ideal for

- Exam and Consultation Rooms
- Patient Registration and Reception
- Conference and Training
- Administrative Areas
- Indoor Cafés
- Break Rooms



# Knoll Healthcare

## Spark™ Series

A series of stacking side and lounge chairs ideal for a variety of healthcare applications. Spark brings energy to every space with its bright colors and unique personality. A perfect balance of form and function, the chairs are pleasing to the eye, comfortable and efficient for general purpose use, stacking and storage. Designed by Don Chadwick.

### Features

- Made using an innovative co-injection molding process creating a light, sturdy, easy-to-clean chair (no metal used in its construction)
- One part construction provides easy cleaning—diluted bleach solutions and wet washing techniques can be used as well as five of the most common cleaning agents and disinfectants used in healthcare facilities
- Available with upholstered seat pad option in textiles appropriate for healthcare use
- Approved for indoor and outdoor use (waterproof, UV-protected) when non-upholstered
- Smooth, round edges and contours of seat and back add comfort
- Wall-saver design, integral glides, and stacking spacers protect finish
- Side chair available with optional ganging device
- Stack 6 high on the floor, 10 high on the Spark dolly
- GREENGUARD® certified

### Spark Series chairs are the perfect choice for

- Exam and Consultation
- Diagnostic testing areas
- Patient Registration and Reception
- Conference and Training
- Administrative Areas
- Indoor or Outdoor Cafés and Break rooms

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# Knoll Healthcare

## Side, Visitor and Stacking Chairs

Knoll side, visitor and stacking chairs deliver uncompromising function and versatility. Many finish options and designs are available.



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# Knoll Healthcare

## Lounge Seating and Occasional Tables

Knoll side, visitor and stacking chairs deliver uncompromising function and versatility. Many finish options and designs are available.





# Knoll Healthcare

## KnollTextiles

KnollTextiles offers a multitude of healthcare-appropriate upholstery solutions to fit your performance needs. Options include bleach-cleanable solution dyed fabrics, as well as vinyl and polyurethane upholstery. We also offer Crypton® and Nano-Tex® with DuraBlock™ upholstery products, which combine a high performance finish on the face with a moisture barrier on the back.

Visit [knolltextiles.com/performance](http://knolltextiles.com/performance) for details



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# Knoll Healthcare

## Performance Upholstery Fabrics

KnollTextiles offers a wide selection of high durability and high performance fabric options. For excellent stain resistance, choose from upholstery products with a Nano-Tex® finish. For a complete moisture barrier, so that nothing penetrates the fabric into the cushion, you can select from among Crypton® stain, moisture, odor and bacteria resistant fabrics. In addition, there are bleach-cleanable upholstery products, such as vinyl and solution-dyed nylon. Visit [KnollTextiles.com](http://KnollTextiles.com) and click on “Upholstery” or “Technical Documents” for details.

	Soil & Stain Resistance		Moisture Barrier Plus Soil & Stain Resistance	
	Teflon®	Nano-Tex®	Crypton®	Nano-Tex® with DuraBlock™
Soil and Stain Resistant Topical Treatment	Yes (Topical)	Yes (Immersion)	Yes	Yes
Water Repellant Finish	No	Yes	Yes	Yes
Moisture Resistant Backing/Barrier	No	No	Yes *	Yes
Breathable	Yes	Yes	Yes	Yes
Microbial Resistant	No	Yes	Yes	Yes
Fabrics Stocked with Finish	Some	Some	Yes	No
Minimum Yardage on Non-Stocked Fabrics	5	5	n/a	5

**\*Please Note:** The moisture resistant backing/barrier on Crypton fabrics is compromised in the Cal 133 lamination process and is therefore not covered under warranty when specified as Cal 133.

## Crypton® Fabrics

KnollTextiles upholstery fabrics stocked with Crypton have a moisture barrier encapsulated into the fabric, providing two key benefits:

### Features

- Stain, liquid, odor and bacteria resistance, so that nothing penetrates the fabric into the cushion
- Easy cleanability because each fiber is encapsulated with the moisture barrier, foreign substances can be removed in between the fiber's pores

### Cleaning Code

W – Water-based cleaning agents or foam may be used for cleaning this fabric.

### Available Fabrics

Compass CR\*

Fable CR\*

Fox Trot CR

Highline CR

Kaleidoscope CR\*

Kora CR

Legend CR\*

Lore CR\*

Moto CR

Nonchalant CR

Panache CR

Regard CR

Sandpiper CR\*

Sequin CR

Treble CR

Zari CR



Zari CR, Kora CR and Sequin CR by KnollTextiles

\*Crypton Green

## Nano-Tex<sup>®</sup> and DuraBlock<sup>™</sup>

Nano-Tex and Nano-Tex with DuraBlock are pre-approved on over 60 KnollTextiles upholstery and panel fabrics. Nano-Tex provides exceptional soil and stain resistance, while Nano-Tex with DuraBlock gives an added liquid barrier so that the cushion is protected.

### Nano-Tex Technology

Nano-Tex provides long-lasting spill resistance—liquid and oil based spills like red wine, juice and salad dressing bead up and roll off without soaking in. The technology does not change the natural look, feel and breathability of the fabric. Nano-Tex has also been tested to increase durability.

### DuraBlock Technology

DuraBlock is a liquid barrier that can be combined with Nano-Tex for added performance. Even under high pressure, no liquid can travel through the treatment into the cushion.

### Environmental Benefits

Both products are Cradle-to-Cradle<sup>™</sup> certified by the third-party organization MBDC for reduced environmental impact and human safety. Additionally, this fabric system is recyclable when used on a 100% polyester product.

### Details

- Nano-Tex Pricing: \$200 flat fee. \$3/yard for 66+ yards.
- Nano-Tex with DuraBlock Pricing: \$300 flat fee. \$10/yard for 31+ yards.
- Lead time: Additional lead time required
- Minimum: 5 yards (except KnollStudio orders, 40 yard minimum)
- Application testing may be required.
- Shrinkage: Due to normal shrinkage in the finishing processes, one additional yard of fabric must be included per order
- Returns: Orders requesting special finishing are non-cancelable and non-returnable



Eclat Weave

## Nano-Tex<sup>®</sup> and Nano-Tex<sup>®</sup> with DuraBlock<sup>™</sup>

### Upholstery Fabrics Pre-Approved for Use with Nano-Tex/Nano-Tex with DuraBlock

Abacus	Echo	Lyon	Satellite
Alignment	Eclat Weave*	Lyric	Satin Chisel
Arno	Empire Stripe	Mamba	Shima
Bank Shot	English Accent	Mariner	Soliloquy
Bavaria	Enmesh	Masquerade	Spark
Betwixt	Entourage	Mepal	Spencer
Biota	Fairway**	Menagerie	Spectator
Bocce	Fibra*	Metro	Spotlight
Brugge	Field Day	Mini Stitch	Spot On*
Canaan	Framework	Monarch	Star Struck*
Cat's Cradle	Galloway	Night Life	Starry Night
Cavalier	Garden City	North Island	Stepping Stones
Century	Gibson	Obi	Stirling
Charm*	Grande	Paradigm	Swing
Chroma	Grandview	Parasol**	Topography
Circa***	Groove Line	Plus	Transit
Classic Bouclé	Haiku	Pogo	Transition
Common Ground	Harrison	Pony Up*	Tweed Frieze
Cornaro	Haze	Prep	Walker
Cross Stitch	Hologram	Presto	Wide Angle
Cricket**	Hula Hoop	Quark	Zephyr
Cuddle Cloth	Icon	Ransom	Zipline
Cummings	Jaipur	Ricochet	Zoom
Decade	Katazome	Rivington*	
Digit	Kimono	Roundtrip	
Dristi	Knoll Felt	Sahara**	
Earthwork	Knoll Hopsack	Sandis	

\*Already stocked with Nano-Tex finish

\*\* Stocked with Nano-Tex with DuraBlock

\*\*\*Pre-approved for Nano-Tex only

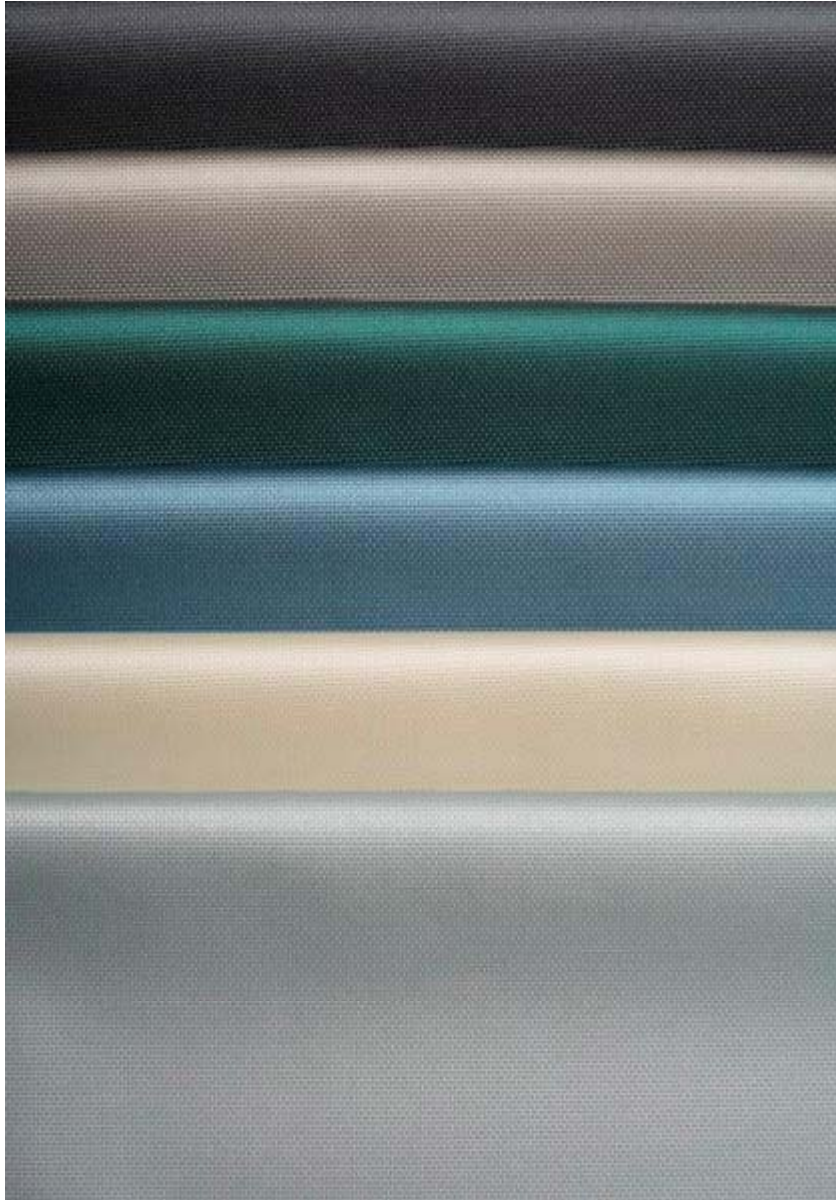
Fibra

## Polyurethane and Vinyl Fabrics

Vinyl and polyurethane fabrics combine high durability with easy cleanability. These upholstery fabrics also act as a moisture barrier. Plus, Polyurethane fabrics are breathable. Some are also bleach cleanable. Visit [knolltextiles.com](http://knolltextiles.com) for details.

### Available Fabrics

- Atlas
- Forza
- Pop
- Posh
- Prompt
- Smart
- Vibe
- Vinyl
- Whip



Vibe by KnollTextiles

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