

# Mens Scrub Tops With Built In EMF Shielding Silver Scrubs® by SLVR Wear™

Every piece of clinical equipment in a modern hospital has been refined to meet the demands of the environment it operates in. Monitors have gotten smarter. Imaging systems have gotten faster. Communication platforms have gone fully wireless. But the garment worn by the clinician administering the care of the [mens scrub tops](#) has largely remained a conversation about thread count and pocket placement. SLVR Wear™ has engineered Silver Scrubs®, a line of men's scrub tops built on the SLVR777™ proprietary silver fiber fabric to address something that standard workwear has never been designed to address the electromagnetic environment that healthcare professionals operate in every single shift.

**SLVR WEAR™**  
SILVER SCRUBS®

## MEN'S SCRUB TOPS

Modern Fit. Everyday Performance.

**SLVR Wear™ Silver Scrubs®**

-  **Modern V-Neck Design**  
Stylish, professional, and made to move.
-  **Functional Chest Pocket**  
Keep your essentials close and secure.
-  **Built for Comfort**  
Lightweight feel for long shifts.

**Functional Chest Pocket**

**Modern V-Neck Design**

This is the complete guide to what makes a SLVR Wear™ Silver Scrubs® mens scrub top different, why it matters in the context of the modern clinical workplace and how to choose the right option for your role, your environment and your body.

## The Clinical Environment Has Changed Your Scrub Top Has not Caught Up

Picture the wireless signal density in a hospital unit today versus fifteen years ago. Fifteen years ago, facility Wi-Fi was a convenience layer useful for administrative tasks, largely absent from the clinical workflow itself. Bedside monitoring equipment was wired. Communication happened through pagers and desk phones. The electromagnetic environment, while present, was relatively sparse by comparison to what has replaced it. Today's clinical floor is a different proposition entirely.

Enterprise grade Wi-Fi 6 networks blanket every patient room, nursing station, OR suite and imaging wing operating across 2.4 GHz and 5 GHz bands simultaneously to support the bandwidth demands of real time EMR access, streaming vitals and clinical communication apps. 5G capable smartphones are standard issue for attending staff in many facilities. Bluetooth linked monitoring systems communicate wirelessly from device to device. Smart infusion pumps connect to pharmacy systems over the facility network. Millimeter wave small cells are already being deployed on forward looking hospital campuses as part of smart healthcare infrastructure.

The healthcare professional at the center of all of this, the nurse, the physician, the radiologic technologist, the surgical team is immersed in that wireless environment for the duration of every shift. Their scrub top is the garment closest to their body for all of it. And until SLVR Wear™, that garment offered nothing in response to the electromagnetic environment around it.

## What SLVR Wear™ Silver Scrubs® Actually Are And What Makes Them Work

SLVR Wear™ Silver Scrubs® are medical grade workwear built on a proprietary silver fiber textile SLVR777™ that functions as a wearable EMF shielding layer. The shielding is not a secondary feature or a marketing distinction. It is the structural foundation of the garment.

### The SLVR777™ Fabric Blend

SLVR777™ fabric is composed of 35% silver fiber, 59% polyester and 6% spandex. These ratios were arrived at after two years of research and development calibrated to optimize both shielding performance and wearability. The silver content is high enough to form a continuous conductive mesh through the textile. The polyester and spandex components deliver the breathability, four way stretch and softness that clinical workwear demands over extended shifts.

### Why Silver Creates EMF Shielding

Silver is one of the most electrically conductive metals in practical use. When silver fiber is woven into a textile at sufficient density, the resulting fabric behaves similarly to a Faraday structure; electromagnetic waves encounter the conductive mesh and are intercepted rather than transmitted. The frequency and the attenuation level depend on the density and conductivity of the conductive element in the weave. In [SLVR777™ fabric](#), those variables have been tuned and lab verified.

This is the reason silver is referenced in SLVR Wear™ products not for any other property silver may have, but specifically because its electrical conductivity is what enables the shielding function. The silver in these scrub tops for men does one job to block EMF.

### Woven In, Not Coated On

The distinction between woven silver fiber and surface applied silver coating is not a minor technical footnote; it is the difference between shielding that lasts and shielding that does

not. Many products in the EMF and antimicrobial textile categories apply silver as a post production coating or spray treatment. Those treatments degrade through washing, abrasion and time.

In SLVR777™ fabric, the silver fiber is a structural component of the yarn itself woven thread by thread into the textile during production. The result is a shielding property that is as durable as the fabric itself, maintaining its integrity through machine washing, repeated clinical use and the full working life of the garment.

## The Lab Data Behind SLVR Wear™ Mens Scrub Tops Reading the Numbers

Performance claims in the textile industry are easy to make and difficult to verify. SLVR Wear™ built its entire brand position on the premise that verification is not optional, it is the product. Here is what the lab documentation behind Silver Scrubs® actually establishes.

### Test Standard GJB 5792A 2021

This is a military grade electromagnetic shielding test standard among the more demanding frameworks applied to conductive textile evaluation. Measuring SLVR777™ fabric against a military-grade standard rather than a commercial one reflects a deliberate decision to use the most rigorous available methodology, not the most favorable one.

### Frequency Range Tested to 50 GHz

50 GHz is the ceiling of the current commercially deployed wireless spectrum. The test range covers 2.4 GHz Wi-Fi, 5 GHz Wi-Fi, the sub-6 GHz 5G bands currently in mass deployment and the millimeter-wave frequencies that define next generation 5G infrastructure. Testing to 50 GHz means the lab data addresses not just today's clinical wireless environment but the near-term frequency expansion already underway.

### Peak Attenuation Up to 99.91% EMF Blockage

At peak tested frequency, SLVR777™ fabric achieves up to 99.91% attenuation, a figure drawn from independent lab measurement against the GJB 5792A-2021 standard. This is documented data, not a projection. The full lab report is published and available on [slvrwear.com](http://slvrwear.com).

### OEKO TEX® Standard 100 Certified Yarn

The silver yarn in SLVR777™ fabric carries OEKO TEX® Standard 100 certification independently verified to be free of harmful substances. In the context of a garment worn in direct skin contact for eight to twelve hours per shift, this certification is not a marketing detail. It is a relevant safety credential.

## Scrub Tops for Men The Full SLVR Wear™ Lineup

SLVR Wear™ offers men's scrub tops in two primary configurations designed to serve different coverage priorities and clinical contexts.



### Mens Scrub Top | Top Only

The men's EMF blocking scrub top is available as a standalone purchase for professionals who want SLVR777™ silver fiber shielding coverage for the upper body and torso. This option suits clinicians who already have a preferred scrub pant and want to upgrade their top without replacing their full uniform, or those prioritizing torso level shielding within a specific budget or preference. The top delivers the full SLVR777™ fabric specification 35% silver fiber, lab tested to 50 GHz, verified up to 99.91% EMF attenuation in a garment engineered for all day clinical wear.

### Mens Scrub Top and Pants Set

The [mens Silver Scrubs® full set](#) pairs the SLVR777™ scrub top with matching SLVR777™ scrub pants creating a complete, integrated EMF shielding uniform. Both the top and the pants are constructed from the same silver fiber fabric and carry the same lab verified shielding specifications. For professionals seeking the broadest possible coverage across an entire shift torso, core and lower body the full set is the more comprehensive choice. Both pieces can be sized independently, allowing an exact fit for each garment rather than a compromise set size.

## Fit and Wearability Because Twelve Hours Is a Long Time

A mens scrub shirt that blocks EMF but makes the shift uncomfortable is not a solution, it is a trade off no working clinician should have to accept. SLVR Wear™ engineered Silver Scrubs® with the full physical demands of clinical work built into every design decision.

## Four Way Stretch for Clinical Movement

The 6% spandex in the SLVR777™ blend is not incidental; it is the component that allows the fabric to move in all four directions without resistance or recovery lag. Reaching across a patient, bending at a medication cart, assisting in a procedure, moving quickly between rooms, the SLVR Wear™ means scrub top accommodates the physical vocabulary of clinical work without binding, pulling, or restricting.

## Breathability Across Extended Shifts

The woven construction of SLVR777™ fabric maintains airflow through the garment, a requirement for professional workwear worn in climate controlled environments where sustained activity generates body heat across the duration of a shift. The breathability of Silver Scrubs® mens scrub tops is a designed property, not an afterthought.

## Tailored Silhouette

SLVR Wear™ mens scrub tops are cut with a tailored fit that reads as professional in clinical environments structured enough to present well in patient facing roles, relaxed enough to support the movement the job requires. The fit is calibrated for healthcare workwear, not generalized activewear.

## Pocket Configuration

Clinical workwear is working equipment. [SLVR Wear™](#) men's scrub shirts include the pocket configuration that working clinicians depend on placed and sized to carry the tools of the role without disrupting the drape or coverage of the garment.

## Color Stability

Because the silver fiber is woven into the SLVR777™ textile rather than surface applied, the color of the garment is not compromised by the presence of the conductive component. Silver Scrubs® men's scrub tops are color stable through repeated machine washing presenting consistently in clinical environments across the full working life of the garment.

## Who Wears SLVR Wear™ Mens Scrub Tops

The clinical workforce that wears mens scrub tops spans a wide range of specialties, environments and shift structures. SLVR Wear™ Silver Scrubs® are relevant across all of them wherever extended proximity to a wireless dense environment is part of the role.

## Emergency Department and ICU Nurses

ED and ICU environments operate some of the densest wireless infrastructure in any healthcare facility monitoring equipment, communication systems, portable diagnostic devices and facility Wi-Fi all operating simultaneously in close physical proximity. Nurses in these environments are immersed in that signal density for the full duration of their shift. A SLVR Wear™ men's scrub top addresses that environment at the garment level with no additional protocols, no behavioral adjustment required.

## Hospitalists and Attending Physicians

Physicians rounding across a hospital unit carry wireless enabled devices smartphones, tablets, portable diagnostic tools and move through wireless infrastructure continuously. The men's scrub top they wear is their closest garment throughout that movement. Silver Scrubs® make that garment a shielding layer as well as a professional uniform.

## Radiologic Technologists

Imaging professionals work in environments that combine specialized equipment with wireless communication infrastructure. SLVR Wear™ scrub tops for men in imaging roles add a personal EMF shielding layer that operates independently of departmental equipment safety protocols.

## Surgical and OR Teams

Operating rooms combine precision instrumentation, wireless communication systems and the sustained close proximity that surgical procedures require. SLVR Wear™ men's scrub shirts provide surgical team members with a comfortable, professional grade option for shielding coverage during extended OR shifts.

## Clinic Based Allied Health Professionals

Physical therapists, occupational therapists, medical assistants and other clinic based professionals share the wireless environment with their hospital counterparts facility Wi-Fi, Bluetooth enabled devices and personal wireless equipment are as present in outpatient clinical settings as on hospital floors. SLVR Wear™ men's scrub tops bring the same silver fiber shielding to these environments.

## Caring for SLVR Wear™ Mens Scrub Tops

The shielding in SLVR Wear™ Silver Scrubs® is built to last but proper care extends the working life of both the garment and its shielding performance.

**SLVR**<sup>®</sup>  
WEAR<sup>™</sup>

Silver Scrubs<sup>®</sup>

**CARING FOR  
SLVR WEAR<sup>™</sup>  
MENS SCRUB TOPS**

Proper care keeps your scrub tops looking great and lasting longer.

				
<b>MACHINE WASH COLD</b> with like colors	<b>DO NOT BLEACH</b> Use mild detergent	<b>TUMBLE DRY LOW</b> Remove promptly	<b>IRON LOW IF NEEDED</b> Avoid ironing on label	<b>HANG DRY FOR BEST RESULTS</b>

			
<b>DURABLE FABRIC</b>	<b>ALL-DAY COMFORT</b>	<b>SILVER FIBER TECHNOLOGY</b>	<b>BUILT FOR CARE PROFESSIONALS</b>

Because SLVR777<sup>™</sup> silver fiber is woven into the textile, the shielding does not depend on a surface treatment that can be abraded or washed away. Standard machine washing does not compromise the shielding architecture of the fabric. That said, specific care practices protect the integrity of the silver fiber over the full lifecycle of the garment:

**Washing:** Machine wash cold or warm on a gentle cycle. The silver fiber is durable through standard washing, but lower temperatures and gentler cycles reduce cumulative mechanical stress on the textile over time.

**Detergent:** Use standard, non-bleach detergent. Chlorine bleach and oxidizing agents can interact with silver fiber conductivity to avoid them for long term shielding maintenance.

**Drying:** Tumble dry on low heat, or hang dry. High heat tumble drying over many cycles adds mechanical and thermal stress to the fabric that is unnecessary given the performance of air or low heat drying.

**Ironing:** If ironing is needed, use a low heat setting and avoid steam on the silver fiber areas of the fabric where possible. Following these guidelines preserves both the appearance and the EMF shielding specification of SLVR Wear<sup>™</sup> [mens scrubs](#) shirts across the full professional working life of the garment.

## Sizing and Ordering SLVR Wear<sup>™</sup> Silver Scrubs<sup>®</sup> Mens Scrub Tops

SLVR Wear<sup>™</sup> mens scrub tops are available through the SLVR Wear<sup>™</sup> online store the direct to consumer channel that provides access to the full Silver Scrubs<sup>®</sup> product range, accurate sizing information and the published lab documentation that substantiates every performance figure cited for SLVR777<sup>™</sup> fabric.

## Sizing Flexibility

SLVR Wear™ offers mix and match sizing across the Silver Scrubs® men's line allowing independent size selection for top and pants. This eliminates the fit compromise inherent in fixed set sizing, where top and pants are locked to the same size regardless of the individual's actual proportions.

## Choosing Between Top Only and Full Set

The decision between the standalone mens scrub top and the full Silver Scrubs® set comes down to coverage priority. Professionals who want upper body shielding coverage torso, chest and core and already have a preferred scrub pant will find the top only option the more practical choice. Professionals seeking full shift, full body shielding coverage will benefit from the complete set, where both top and pants are constructed from SLVR777™ fabric and deliver the same verified shielding specification. Both options are available through the men's [Silver Scrubs®](#) category on [slvrwear.com](#), with full product detail, sizing guidance and access to the lab documentation that makes every performance claim on the product page verifiable.

## SLVR Wear™ Beyond the Scrub Top The Full EMF Shielding Range

Silver Scrubs® mens scrub tops are the flagship product in the SLVR Wear™ range but the brand's silver fiber shielding technology extends across a growing product ecosystem for professionals who want shielding coverage beyond clinical hours.

**EMF Blocking Blankets** Available in standard, XL and baby sizes providing silver fiber shielding coverage during rest and recovery. Designed for use in sleep environments where wireless signal sources home Wi-Fi routers, smart devices, 5G enabled home assistants are present through the full sleep cycle.

**EMF Shielding Headwear** SLVR Wear™ beanies and hats bring silver fiber shielding to head coverage extending the shielding architecture beyond the torso for professionals who want more comprehensive personal coverage.

**Faraday Phone Pouch** The Faraday Phone Pouch intercepts cellular, Wi-Fi, Bluetooth and GPS signals from the device most consistently carried closest to the body. Used in conjunction with Silver Scrubs® men's scrub tops, the pouch complements the torso level shielding the garment provides by addressing the personal device that generates the most sustained proximate wireless signal throughout the day.

Together, these products form a cohesive shielding ecosystem built on the same evidence based, lab tested platform as SLVR Wear™ Silver Scrubs® for professionals who want to address their wireless signal environment comprehensively, not just during working hours.

## Conclusion

The men's scrub top is the garment healthcare professionals wear closest to their body for the longest stretch of the working day. For decades, that garment has been defined by fabric softness, pocket design and color range. Those are not irrelevant variables but in a clinical environment defined by dense wireless infrastructure, they are insufficient ones. SLVR Wear™ Silver Scrubs® change the terms of that conversation.

SLVR777™ silver fiber fabric 35% silver fiber, woven into the textile, lab tested to 50 GHz, verified to block up to 99.91% of EMF at peak frequency under the GJB 5792A-2021 military grade standard makes the [mens scrub tops](#) a functional shielding layer as well as a professional uniform. For healthcare professionals who have accepted every other upgrade the modern clinical environment demands, Silver Scrubs® represent the workwear evolution that the scrub top has been waiting for.

## Frequently Asked Questions(FAQs)

**What is the difference between SLVR Wear™ mens scrub tops and regular mens scrub shirts?**

Regular mens scrub shirts use standard polyester cotton blends with no EMF shielding. SLVR Wear™ mens scrub tops are built on SLVR777™ fabric 35% silver fiber woven into the textile to create an EMF shielding layer lab tested to 50 GHz and verified to block up to 99.91% of EMF at peak frequency.

**How long does the EMF shielding last in SLVR Wear™ mens scrub tops?**

Because the silver fiber is woven into the SLVR777™ textile rather than surface applied, the shielding does not degrade through normal washing and use. Following the care guidelines, machines wash cold or warm, avoid bleach, tumble dry low preserves shielding integrity across the full working life of the garment.

**Are SLVR Wear™ Silver Scrubs® comfortable enough for a full twelve hour shift?**

Yes, SLVR777™ fabric delivers four way stretch via 6% spandex, breathability for extended wear and a tailored fit that accommodates the full range of clinical movement. Two years of R and D went into optimizing both shielding performance and all day wearability.

**What clinical professionals are SLVR Wear™ mens scrub tops designed for?**

SLVR Wear™ Silver Scrubs® are designed for any healthcare professional in a wireless dense clinical environment including nurses, physicians, radiologic technologists, surgical team members and allied health professionals in hospital and outpatient clinic settings.

Can I buy the mens scrub top without the pants?

Yes, The Silver Scrubs® mens scrub top is available as a standalone purchase. The full top and pants set is also available for complete upper and lower body EMF shielding coverage. Both options are on [slvrwear.com](https://slvrwear.com) with mix and match sizing.

Where is the lab data for SLVR Wear™ Silver Scrubs® published?

SLVR Wear™ publishes its lab results on [slvrwear.com](https://slvrwear.com) documenting shielding performance measured to the GJB 5792A 2021 military grade standard, covering frequencies up to 50 GHz with peak attenuation of up to 99.91%.