Experience hand radiation protection with the fit and dexterity you expect in a surgical glove.

Repeated radiation exposure to the hands can lead to serious and lasting consequences including cancer and skin injury.[2,3,4]

Our new polyisoprene and tungsten radiation protection surgical glove range has been specifically developed to meet radiation safety standards, while providing the fit and comfort expected from a surgical glove.

These gloves are also FDA 510(k) cleared enabling direct patient contact.[5]

Introducing Biogel® Radiation Protection™ Surgical Gloves

Because skilled hands deserve better

Cumulative radiation exposure to the hands can lead to measurable health risks including cancer and skin injury.[2,3,4]

- The hands can receive up to **1,000×** more radiation than other parts of the body during fluoroscopic procedures.[6]
- Radiation-attenuating gloves are only used in **10%** of applicable procedures, while lead aprons and shields are worn in **99%** of cases.[7]
- Clinicians working within **3 feet** of the patient for more than **50%** of procedural time are exposed to significantly high levels of scatter radiation.[8]
- **31%** of surgeons reported dermatologist diagnosed radiation-induced skin injury to their hands in a clinical survey.[9]

1000X
more radiation to hands[6]

31%
of surgeons reported radiation hand skin injury[9]

8.7/10*
overall satisfaction
preference for Biogel® gloves by surgeons surveyed[1]

Experience the next generation of radiation protection with the fit of a Biogel® surgical glove.

- **Preferred fit[1], comfort and dexterity**
- **Proprietary tungsten composition (lead-free)**
- **Synthetic polyisoprene**
- **Manufactured without natural rubber latex, MBT or DPG**
- **FDA 510(k) cleared Class I surgical glove allowing direct patient contact[5]**
- **No more compromise between protection & comfort**

pb
Lead free

NATURAL RUBBER LATEX
This product is not made from natural rubber latex

Ordering information

Product name	Thickness	Order number	UOM	Per case
Biogel® Radiation Protection™ Micro Surgical Gloves	9.8 mils	52060-52090	5 pairs per box	20 pairs 4 boxes
Biogel® Radiation Protection™ Surgical Gloves	13.4 mils	53060-53090	5 pairs per box	20 pairs 4 boxes

For more information or to request a sample, visit
www.molnlycke.us/biogel

Mölnlycke®

*Surgeons using radiation protection gloves who evaluated Biogel Radiation Protection gloves rated overall satisfaction of fit, feel, dexterity, and other features as 8.7/10.

References. 1. Biogel Radiation Protection Glove New Product Testing of 29 Surgeons, 2025 **2.** Hijikata Y, Yamashita K, Hatsusaka N et al (2025) Prevalence of cataractous changes in the eyes and chronic inflammatory changes in the hands among spine surgeons. J Bone Joint Surg Am; 107(7):e25. **3.** Chambers CE, Fetterly KA, Holzer R et al (2011) Radiation safety program for the cardiac catheterization laboratory. Catheterization Cardiovasc Intervent; 77(4):546-556. **4.** Andreasen MG, Piccaluga E, Guagliumi G et al (2016) Occupational health risks in cardiac catheterization laboratory workers. Circ Cardiovasc Interv; 9(4):e003273. **5.** Molnlycke Technical Data on File **6.** Chapman T, Martin DP, Williamson C, Tinsley B, Wang ML, Ilyas AM. Mini C-arm fluoroscopy: does its configuration matter for radiation exposure to the surgeon? HAND. 2018;13(5):552-557. **7.** Dudley AG, Semins MJ. Radiation Practice Patterns and Exposure in the High-volume Endourologist. Urology. 2015 May;85(5):1019-1024. **8.** Milder CM, Borrego D, Preston DL, et al. Occupational radiation dose trends in U.S. radiologic technologists assisting with fluoroscopically guided interventional procedures, 1980–2020. J Vasc Interv Radiol. 2024;35(7):1057-1065.e4. **9.** Asari T, Rokunohe D, Sasaki E et al (2022) Occupational ionizing radiation-induced skin injury among orthopedic surgeons: A clinical survey. J Orthop Sci; 27(1):266-271. **10.** Biogel Radiation Protection Glove New Product Testing of 29 Surgeons, 2025