

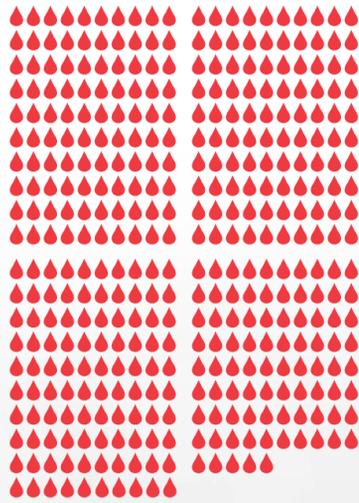
Double up

Glove breach dangers

Did you know.
385,000
sharp injuries
occur each year¹



1 drop = 1,000



Up to **83%**
of glove breaches
may go unnoticed²



Double-gloving

Protection
to the power of
two

Reduces the volume
of blood on a solid
suture needle
by as much as

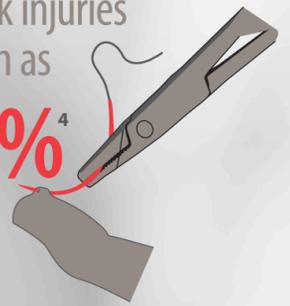
95%

reducing your
exposure to
bloodborne pathogens³



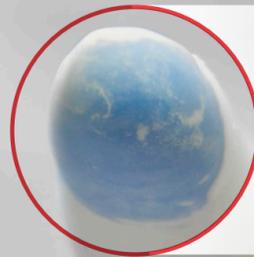
Reduces
needlestick injuries
by as much as

82%⁴



There's a better way to double-glove

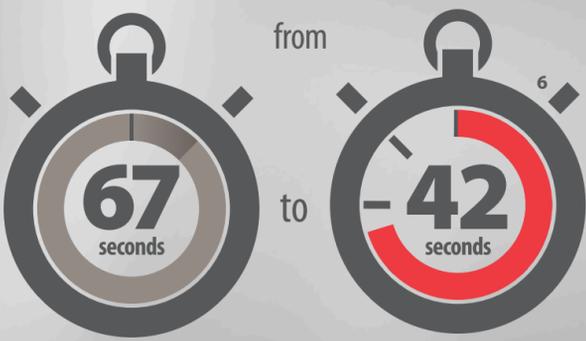
Using a colored underglove⁵
helps you or your team members
quickly identify a sharps breach
and minimize exposure time



Colored undergloves provide a
breach detection rate of

up to 97%⁷

Wearing a colored underglove reduces
awareness time of a sharps injury



Cardinal Health has a **double-gloving system** featuring a **blue-colored underglove** and a range of synthetic, powder-free top gloves, designed to provide you **protection** and **peace of mind**.

The time is now.

Have you tried the modern way to double glove with Cardinal Health™ Protexis® PI Blue Undergloves? Learn more at cardinalhealth.com/doublegloving

1. <http://www.cdc.gov/niosh/stopsticks/sharpsinjuries.html>

2. Thomas S, et al, Postgrad. Med. J. Intraoperative glove perforation—single versus double gloving in protection against skin contamination. 2001;77:458-460 doi:10.1136/pmj.77.909.458.

3. Berguer R, MD. Preventing Sharps Injuries in the Operating Room. Jour Am Coll Surg. 2004; 04:462-467.

4. Thomas S, et al, Postgrad. Med. J. Intraoperative glove perforation—single versus double gloving in protection against skin contamination. 2001;77:458-460 doi:10.1136/pmj.77.909.458.

5. 77 percent of perforations can be detected with an indicator under the gloves, compared with only 21 percent in standard double-gloving, and even fewer with single-glove technique. Waljee J, Malay S, Chung K. Sharps Injuries: The Risks and Relevance to Plastic Surgeons. Plast. Reconstr. Surg. 131:784, 2013.

6. Florman S, Burgdorf M, Finigan K, Slakey D, Hewitt R, Nichols RL. Efficacy of double gloving with an intrinsic indicator system. Surg Infect (Larchmt). 2005;6(4):385-395.

7. One study showed that the use of a double gloving system featuring a colored under-glove provides an accuracy of detection of 97%. Wigmore SJ, Rainey JB. Br J Surg. Use of colored undergloves to detect glove puncture. 1994; 81: 1480. Another study showed the detection of perforation during surgery was 86.5% with a double-gloving system. Laine T, Aarnio, P. How often does glove perforation occur in surgery? Comparison between single gloves and a double-gloving system. Am. J. Surg. 2001. 181: 564-566.



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Essential to care™