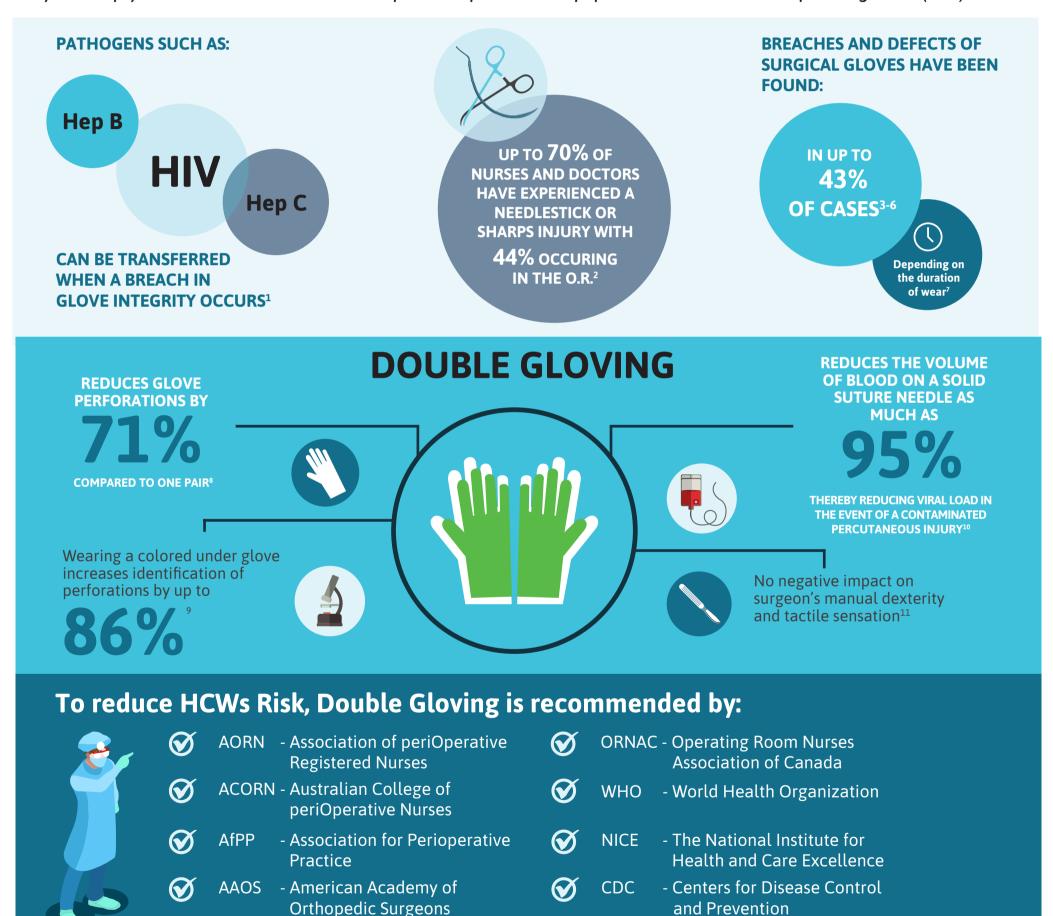


## MAKE DOUBLE GLOVING YOUR STANDARD PRACTICE

Wearing two pairs of sterile gloves during surgical procedures, or "double gloving," is a recommended practice healthcare workers (HCWs) use to reduce their risk of exposure to bloodborne pathogens and for sharps safety injury protection. Do you comply with the recommended use of personal protective equipment and attire in the operating room (O.R.)?



## References:

- Zhang Z, Gao X, Ruan X, Zheng B. Effectiveness of double-gloving method on prevention of surgical glove perforations and blood contamination: A systematic review and meta-analysis. J Adv Nurs. 2021;77(9):3630-3643.
   International Safety Center. U.S. EPINet Sharps Injury and Blood and Body Fluid Exposure Surveillance Research Group. Sharps Injury Data Report for 2020. Report available at <a href="https://internationalsafetycenter.org/exposure-reports">https://internationalsafetycenter.org/exposure-reports</a>. Updated 2020. Accessed May 18, 2023.

Matsuoka S, Kondo T, Seishima R, Okabayashi K, Tsuruta M, Shigeta K, Ishida T, Hasegawa H, Kitagawa Y. Surgical glove perforation during laparoscopic colorectal procedures. Surg Endosc. 2022 May;36(5):3489-3494. Carter AH, Casper DS, Parvizi J, Austin MS. A prospective analysis of glove perforation in primary and revision total hip and total knee arthroplasty. J Arthoplasty 2012;27:1271–1275.

**Technologists** 

- Barbosa MV, Nahas FX, Ferreira LM, et al. Risk of glove perforation in minor and major plastic surgery procedures. Aesthetic Plast Surg 2003;27:481–484.
- Driever R, Beie M, Schmitz E, et al. Surgical glove perforation in cardiac surgery. Thorac Cardiovasc Surg 2001; 49:328–330.

  Partecke LI, Goerdt AM, Langner I, Jaeger B, Assadian O, Heidecke CD, Kramer A, Huebner NO. Incidence of microperforation for surgical gloves depends on duration of wear. Infect Control Hosp Epidemiol. 2009 May;30(5):409-14.
- 8. Mischke C, Verbeek JH, Saarto A, Lavoie MC, Pahwa M, Ijaz S. Gloves, extra gloves or special types of gloves for preventing percutaneous exposure injuries in healthcare personnel. Cochrane Database Syst Rev. 2014;(3):CD009573. Published 2014 Mar 7.
  9. 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(6):564-566.
  10. Berguer R. Key strategies for eliminating sharps injuries during surgery. AORN Journal. 2011 Jul;94(1):91-96.
- 11. Fry DE, Harris WE, Konnke EN, Twomey CL. Influence of Double-Gloving on Manual Dexterity and Tactile Sensation of Surgeons. Journal of the American College of Surgeons. 3// 2010; 210(3):325-330.

- Association of Surgical



- American College of Surgeons