Since there is no data demonstrating that such practice attributes to lower bacterial transfer during clinical care, a standardised experimental study was conducted” Assadian et al (2018).

Summary:

Disinfection of gloved hands is increasingly advocated in situations where visibly not soiled gloves are used during multiple clinical activities on the same patient. Since there is no data demonstrating that such practice attributes to lower bacterial transfer during clinical care, a standardised experimental study was conducted. Gloved hands touched chicken breasts contaminated with Staphylococcus epidermidis with or without disinfection before toughing sterile catheter valves. Contaminated gloves transferred 5.18 log10 CFU S. epidermidis to the catheter valves. Disinfection of contaminated gloves reduced significantly the numbers transferred to 0.78 log10 CFU. Disinfection of gloved hands may reduce the risk of transmission.

Reference:

Assadian, O., Humphreys, P.N. and Ousey, K.J. (2018) Disinfection of artificially contaminated
Disinfection of contaminated gloved hands reduces bacterial transmission of needleless valves. The Journal of Hospital Infection. March 15th.

DOI: https://doi.org/10.1016/j.jhin.2018.03.010