



Local guidelines regarding sites for blood culture collection should reflect institution-level blood culture contamination rates for percutaneously-drawn and catheter-drawn cultures using currently available technologies that reduce contamination at both sites” Mermel (2019).

Abstract:

Studies published between 1999 and 2011 demonstrated increased blood culture contamination with catheter-drawn cultures compared with percutaneously-drawn cultures. Studies published between 2012 and 2015 reported that use of antiseptic barrier caps on central venous catheter hubs significantly reduces the incidence of catheter-drawn blood culture contamination. Local guidelines regarding sites for blood culture collection should reflect institution-level blood culture contamination rates for percutaneously-drawn and catheter-drawn cultures using currently available technologies that reduce contamination at both sites.

You may also be interested in...

Blood culture contamination quality improvement project

Reducing blood culture contamination rates

Accuracy of blood cultures drawn from arterial catheters for BSI detection

Reference:

Mermel, L.A. (2019) Drawing blood cultures through intravascular catheters: Controversy and update. Infection Control and Hospital Epidemiology. March 6th. .

doi: 10.1017/ice.2019.37.

