

“This prospective randomized controlled study with 975 nontunneled central venous catheters (CVCs) showed that the semiquantitative roll-plate culture technique (SQC) was as accurate as the sonication method for diagnosis of catheter-related infections.” Erb et al (2014).

References:

Erb, S., Frei, R., Schregenberger, K., Dangel, M., Nogarth, D. and Widmer, A.F. (2014) Sonication for Diagnosis of Catheter-Related Infection Is Not Better Than Traditional Roll-Plate Culture: A Prospective Cohort Study With 975 Central Venous Catheters. *Clinical Infectious Diseases*. 59(4), p.541-544.

Sonication or roll-plate culture to diagnosis catheter-related infections [#ivteam](http://ctt.ec/hfkSs+@ivteam)

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Abstract:

This prospective randomized controlled study with 975 nontunneled central venous catheters (CVCs) showed that the semiquantitative roll-plate culture technique (SQC) was as accurate as the sonication method for diagnosis of catheter-related infections. Sonication is difficult to standardize, whereas SQC is simpler, faster, and as reliable as the sonication method for culturing CVCs.

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