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(54) Title: TRANSDERMAL VENOUS ACCESS LOCKING SOLUTIONS

(57) Abstract: Microbial growth inhibiting solutions and methods of employing the microbial growth inhibiting solutions in flush-
ing and coating medical devices are disclosed. In alternative embodiments, the microbial growth inhibiting solutions include com-
binations of a chelating agent with a C₄-C₉ carboxylate antimicrobial agent, for example, such as n-octanoic acid. Methods of using
these microbial growth inhibiting solutions for coating a medical device and for inhibiting catheter infection are also disclosed.

