

ARTERIAL LINE INSERTION

Supporting information

Is the dorsalis pedis artery a suitable site for the insertion of arterial lines in neonates?

Although no specific evidence one way or the other has been identified, several current online sources mention the use of this site:

e.g. Vanderbilt Medical Center (2006): "Most frequently used site in the neonate is the radial and dorsalis pedis arteries."

Vanderbilt Medical Center. Arterial Lines Peripheral. 2006.

<http://vuneo.org/npart1.htm>

Auckland District Health Board Newborn Services Clinical Guideline 2007

http://www.adhb.govt.nz/newborn/Guidelines/VascularCatheters/IVC_PeriphArterialLines.htm

Evidence Level: V

Last amended June 2013
Last reviewed December 2021