Failure rate of first attempt venous access has been widely described in many publications, such as:

- **Gander et al. (2009).** Impact of Blood Cultures Drawn by Phlebotomy on Contamination Rates and Health Care Costs in a Hospital Emergency Department. Journal of Clinical Microbiology. 47, 1022.
- **GMC Today.** January 11th 2007.
- **Dr Srivatsa (2003).** Peripheral venous cannula introducing technique and MRSA Infection Evidence Based Nursing - vol 56.