



Service Priorities and Programmes
Electronic Presentations

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Reduction of blood culture contamination rate

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Introduction

It was found that the overall blood culture contamination rate was relatively high. Blood culture contamination probably will cause problems in patient management, evaluation, clinical interpretation, unnecessary antibiotic use and unnecessary clinical investigation.

Objectives

Reduction of blood culture contamination rate

Methodology

1)Reviewed the blood culture procedure
2)Standardized the collection technique and developed a photo guide on blood culture procedure according to the established HAHO and Cluster guidelines
3)Introduced the use of 2% CHG skin disinfectant for blood culture procedure
4)Conducted training workshop to staff on taking blood culture
5)Ongoing monitoring the blood culture contamination rate and feedback to staff for the results.

Result

Blood culture contamination rate is in decreasing trend: 18.7% (Jan 2012), 1.61% (June 2012), 0% (July, August September. November and December 2012).