



During an investigation of pediatric central line-associated bloodstream infections (CLABSI) at an academic medical center in early 2016, an increase was identified in the percent positivity of blood cultures collected from pediatric patients in the fall of 2015” Langstaff et al (2017).

Background:

During an investigation of pediatric central line-associated bloodstream infections (CLABSI) at an academic medical center in early 2016, an increase was identified in the percent positivity of blood cultures collected from pediatric patients in the fall of 2015. Prior to this, the medical center used blood culture media which contained resin to neutralize antibiotics. In October 2015, the institution changed to media containing adsorbent polymeric beads. Data analysis was performed to determine if this change led to an increase in percent positivity of blood cultures.

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Reference:

Langstaff, K., Nolt, D. and Hale, M. (2017) Change in Blood Culture Media May Increase



Will a change in blood culture media increase bacteraemia detection?

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Detection of Clinically Significant Bacteremia in Hospitalized Children. American Journal of Infection Control. 45(6), Supplement, p.S47.

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