

CLINICAL "SNIPPETS"

Pediatric CPR quality monitoring: Analysis of thoracic anthropometric data.

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Overview: Quantitative CPR quality feedback systems improve adult CPR performance. Extension to pediatric patients is desirable; however, the anthropometric measurements of the pediatric chest pertinent to guide the development of pediatric-specific CPR monitoring systems are largely unknown.

Conclusions: Adult-based CPR quality monitoring and feedback systems will require pediatric-specific tailoring and adaptation. Future studies should examine chest compression depths in clinical settings with correlation to physiologic parameters to determine the best targets for pediatric CPR guidelines.