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Progressive myocardial injury is associated with mortality in the acute respiratory distress syndrome

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TM, EG, SS and FK designed the study. All authors contributed to analysis planning, performance of the analysis and interpretation of results. All authors participated in drafting the manuscript and providing critical commentary. All authors provided final approval of the submitted manuscript.

Abstract

Purpose: Myocardial injury connotes worse prognosis in the Acute Respiratory Distress Syndrome (ARDS), however the prognostic connotation of changes in cardiac troponin (cTn) levels in ARDS patients is not known.

Methods: We performed a study of 908 ARDS patients enrolled in two previously completed ARDS Network trials. We obtained plasma samples via the NIH BIOLINCC repository and measured cTn using the ARCHITECT STAT high sensitivity troponin-I assay (Abbott Laboratories) at trial day 0

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