

Impact of hospital management processes re-engineering on patients with ST segment elevation myocardial infarction: A single centre experience



Bohan Xiao

China-Japan Union Hospital of Jilin University, China

CJ Hospital (CJH) is open to patients with highly critical illness from the entire province of Jilin. The numbers of in-patient and out-patient visits to the hospital were 132,197 and 1,649,142 respectively until 2018. The annual numbers of patients with cardiovascular diseases accounted for a large proportion: 13,538 in-patient and 92,617 out-patient respectively. CJH started a series of process reengineering research work during the past six years to seek a more reliable and effective management process. This research discusses the impact of the novel management process on the effect of pre/in-hospital treatment to the patients diagnosed with STEMI during 2015 to 2018. A sample of 605 STEMI patients were divided into groups based on years and methods they transported to CJH. To compare and analysis data by ANOVA and chi-square test, including age, ratio of gender, SO-FMC, FMC2B, cardiogram to diagnosis time, D2B, hospital days, pass

ED and/or CCU and in-hospital mortality. Our reengineering method had some remarkable achievements. We are working on and seeking more possibilities of high quality, effective and prompt rescue process for STEMI patients. The more developments will be discussed in the future report.

Biography

Bohan Xiao has completed her MBA from School of Management, Jilin University in 2017, and Postgraduate Diploma studies from University of Southampton, School of Medicine in 2012. After worked for the District Level Center of Disease Control for three years, she has been focusing on hospital management for four years and takes an active part in management process reengineering in the hospital she serves.