Lung ultrasound in the management of acute heart failure

yanmei zhang¹, hai xu¹, xiaochen wang¹, and banglong xu¹

¹Affiliation not available

June 16, 2020

Abstract

Acute heart failure (AHF) is a common clinical emergency characterized by pulmonary edema, with rapid progression and poor prognosis. In the past, clinicians mostly used physical examination, chest radiography (CXR) and brain-type natriuretic peptide (BNP) for diagnosis and evaluation of the treatment effects of AHF, but their application is limited due to the long duration and low sensitivity and specificity. Recently, lung ultrasound (LUS) is found to be a simple, fast and effective approach to detect pulmonary edema and diagnose AHF. Here we aimed to provide a review on the use of LUS in management of AHF, which focused on the application of LUS in diagnosis, treatment and prognosis of AHF

Hosted file

lus manuscript.doc available at https://authorea.com/users/334032/articles/460104-lungultrasound-in-the-management-of-acute-heart-failure