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Abstract

We have read several papers that regarding using lung ultrasound score (LUSC) to evaluate the severity of different kind of lung disease including in the neonatal field. Because these papers were published in the international and authoritative journals and are directed toward medical staff who use ultrasound to quantitatively evaluate lung diseases. However, according to my accumulated experience, consisting of more than 10 years of research, and my understanding of lung ultrasound, including more than 2 years of experience in the use of the LUSC for evaluation of neonatal lung disease, we found that the LUSC not only cannot accurately assess the severity of lung disease but also may result in large discrepancies.Therefore, it is not advisable to use the LUSC for ultrasound examination of neonatal lung diseases. However, we cannot exclude the possibility that ultrasound may be used to quantitatively evaluate the degree of pulmonary edema. Further studies are needed to address this issue.

Biography

Prof.Dr.Liujing,PhD.,M.D., is the Director of Department of Neonatology and NICU, Beijing Chaoyang District Maternal and Child Health Care Hospital. He is good at neonatal intensive critical care, neonatal brain and lung ultrasound.His academic positions include the Associate Chairman of Chinese Neonatologist Association， the Chairman of Chinese Maternal-originated neonatal disease research Specialized Committee,the Associate Chairman of Beijing Neonatologist Association, the Associate Chairman of Perinatal medicine section, Chinese Academy of Pediatrics and the Editorial members of more than 20 Chinese and English Journals. Dr.Liujing has published more than 280 papers, over 12 books and Chapters in Books. His research work has been supported by China Natural Science Foundation etc., and he has won 12 awards for science and technology of the government of China

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