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Refractory Hypoxemia in an Infant-A case for Extracorporeal support

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Authors: Dr. Bharat Mehra¹, Dr. Anil Sachdev², Dr. Dhiren Gupta³, Dr. Neeraj Gupta⁴, Dr. Raja Joshi⁵

Affiliations:

¹ Division of Pediatric Emergency and Critical Care, Department of Pediatrics, Institute of Child Health, Sir Ganga Ram Hospital, New Delhi

^{2,3,4} Division of Pediatric Pulmonology and Critical Care, Department of Pediatrics, Institute of Child Health, Sir Ganga Ram Hospital, New Delhi

⁵ Division of Pediatric Cardiac Sciences, Department of Pediatrics, Institute of Child Health, Sir Ganga Ram Hospital, New Delhi

Corresponding Author:

Dr. Bharat Mehra

Address: 118, Vaishali, Pitampura, New Delhi, 110088. Phone No. 9999538720

E-mail: bharatmehra909@gmail.com

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ABSTRACT

Extracorporeal membrane oxygenation (ECMO) is a standard modality to treat refractory hypoxemia in pediatric acute respiratory distress syndrome (ARDS) in developed countries. However, its usage is limited in developing countries like India, where very few tertiary care PICU centres have used it with success. We report a case of 11 months old infant with necrotising bacterial pneumonia with severe ARDS and septic shock who failed on conventional and high frequency invasive ventilation, but was successfully managed with veno-arterial ECMO support.

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