

INTERVENTIONELLE EXTRAKORPORALE LUNGENUNTERSTÜTZUNG (iLA) MITTELS ARTERIO-VENÖSEM SHUNT UND EINEM NEU ENTWICKELTEN LOW RESISTANCE LUNG ASSIST DEVICE (LAD)

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Objective

Describe iLA from a more technical – perfusion oriented point of view. Describe technical issues and potential problems.

Study Design

Description, case presentation, summary of cases.
Outlook.

Study Population

78 patients.

Methods

Retro perspective observation.

Results

iLA in patients with respiratory failure, which cannot be controlled by other means, is a therapeutic option. In comparison to standard ECMO iLA shows fewer side effects and complications. A paracorporeal system could be the next step in the development.

Commentary

This paper addresses mainly perfusionists, which are focused on the technical side of any extracorporeal treatment.