

PMX Publication List 2020

No	Title	Author	Country	Journal	study type
2020-1	Could There Be a Biologically Plausible Niche for Polymyxin B-Immobilized Fiber Column Direct Hemoperfusion Treatment in Early Onset Neonatal Septic Shock?	Aldewereld Z et al.	USA	Pediatr Crit Care Med (2020) 21:202-203.	comment
2020-2	Clinical effects of polymyxin B-immobilized fiber column direct hemoperfusion for severe bacterial meningitis: A series of 10 cases	Suzuki Y et al.	Japan	Clin Case Rep (2020) 8:823-32	case series
2020-3	Identifying Septic Shock Populations Benefitting from Polymyxin B Hemoperfusion: A Prospective Cohort Study Incorporating a Restricted Cubic Spline Regression Model.	Nakata H et al.	Japan	Shock (March 17, 2020)	observational study
2020-4	Successful treatment of direct hemoperfusion with polymyxin B immobilized fiber for septic shock and severe acute kidney injury due to ceftriaxone-resistant Escherichia coli: a case report with literature review.	Shima H et al.	Japan	Renal Replacement Ther (2020) 6:16	case report
2020-5	Importance of Endotoxin Clearance in Endotoxemic Septic Shock: An Analysis From the Evaluating Use of PolymyxinB Hemoperfusion in a Randomized Controlled Trial of Adults Treated for Endotoxemic Septic Shock (EUPHRATES) Trial.	Rachoin JS et al.	USA	Crit Care Expl (2020) 2:e0083	sub analysis of RCT
2020-6	Septicemia, necrotizing fasciitis, and peritonitis due to Vibrio vulnificus treated with early use of polymyxin B hemoperfusion in a patient undergoing CAPD: a case repor.	Kim JY et al.	Korea	BMC Nephrol (2020) 21:127	case report
2020-7	Beneficial effect modification on survival outcome of sepsis between ART-123 and polymyxin B-immobilised haemoperfusion: a nationwide Japanese registry study.	Mochizuki K et al.	Japan	Ann Intensive Care 10:57	observational study
2020-8	Lactate predicts the 28-day survival rate in patients with septic shock treated with the combination of PMX-DHP and rTM.	Yamato M et al.	Japan	Ther Apher Dial (2020, Jun 10 online)	observational study
2020-9	Effects of endotoxin adsorber hemoperfusion on sublingual microcirculation in patients with septic shock: a randomized controlled trial.	Chen SH et al.	Taiwan	Ann Intensive Care 10:80	RCT
2020-10	Initial Experience of Using Polymyxin B Hemoperfusion in Abdominal Septic Shock: Things to Consider for Better Outcome.	Park YJ et al.	Korea	J Acute Care Surg (Mar 30, 2020 online)	observational study
2020-11	A case of successful treatment of severe COVID-19 pneumonia with favipiravir and tocilizumab in post-kidney transplant recipient.	Thammathiwat et al.	Thailand	Transpl Infect Dis (2020) 00:e13388	case report
2020-12	Severe Sepsis Caused by Bacteria That Entered via the Intestinal Tract: A Case of Crohn's Disease in a Child.	Satoh K et al.	Japan	Cureus (2020) 12:e9822	case report
2020-13	Intensive care management of a patient with necrotizing fasciitis due to non-O1/O139 Vibrio cholerae after traveling to Taiwan: a case report.	Tsuruta K et al.	Japan	BMC Infectious Diseases (2020) 20:618	case report
2020-14	Treatment of Pyonephritis Complicated by Septic Shock Using Extracorporeal Device Polymyxin B-Hemoperfusion.	Amoruso G et al.	Italy	Blood Purif (2020) 49:627-30	case report
2020-15	Successful Recovery from COVID-19-associated Acute Respiratory Failure with Polymyxin B-immobilized Fiber Column-direct Hemoperfusion.	Kusaba Y et al.	Japan	Intern Med (Aug 28, 2020 online)	case report
2020-16	Cytokine Adsorption to Polymyxin B-Immobilized Fiber: An in vitro Study.	Utsunomiya Y et al.	Japan	Blood Purif (Sep 7, 2020 online)	in vitro experiment
2020-17	Effectiveness of polymyxin B-immobilized hemoperfusion against sepsis and septic shock: A systematic review and meta-analysis.	Li X et al.	China	J Crit Care (Sep 18, 2020 online)	Systematic review
2020-18	Adjunctive therapies for early withdrawal from extracorporeal membrane oxygenation.	Ogawa H et al.	Japan	J Cardiac Surg (Sep 29, 2020 online)	comment
2020-19	Continuous extracorporeal treatments in a dialysis patient with COVID-19.	Nihei Y et al.	Japan	CEN Case Rep (Oct 4, 2020 online)	case report
2020-20	Effect of Extracorporeal Blood Purification on Mortality in Sepsis: A Meta-Analysis and Trial Sequential Analysis.	Snow TAC et al.	UK	Blood Purif (Oct 28, 2020 online)	Systematic review
2020-21	Polymyxin B haemoperfusion treatment for respiratory failure and hyperferritinaemia due to COVID-19.	Ishiwari M et al.	Japan	Respirol Case Rep (Nov 1, 2020 online)	case report
2020-22	Damage Control Management of Perforating Pyometra Presenting with Septic Shock after the Return of Spontaneous Circulation.	Takamatsu J et al.	Japan	Case Rep Med (2020) 2020:8545232	case report
2020-23	Selective Polymyxin Hemoperfusion in Complex Therapy of Sepsis in Children after Cardiac Surgery.	Yaroustovsky M et al.	Russia	Blood Purif (Nov 26, 2020 online)	observational study
2020-24	In Vitro Comparison of the Endotoxin Adsorption by Blood Purification Devices.	Shukevich D et al.	Russia	Ther Apher Dial (Nov 2, 2020 online)	in vitro experiment
2020-25	Direct hemoperfusion using a polymyxin B-immobilized polystyrene column for COVID-19.	Katagiri D et al.	Japan	J Clin Apher (Dec 15, 2020 online)	case series
2020-26	Case Report: Successful Use of Extracorporeal Therapies After ECMO Resuscitation in a Pediatric Kidney Transplant Recipient.	Rybalko A et al.	Russia	Front Pediatr (2020) 8:593123	case report
2020-27	Polymyxin B hemoperfusion in COVID-19 Patients with endotoxic shock: Case Series from EUPHAS II registry.	De Rosa S et al.	Italy	Artif Organs (Dec 30, 2020 online)	case series