

PMX Publication List 2021

No	Title	Author	Country	Journal	study type
2021-1	Tocilizumab and PMX-DHP have efficacy for severe COVID-19 pneumonia.	Shimoyama S et al.	Japan	SAGE Open Medical Case Rep (2021) 9:1-5	case report
2021-2	Effects of Polymyxin B Hemoperfusion on Septic Shock Patients Requiring Noradrenaline: Analysis of a Nationwide Administrative Database in Japan.	Fujimori K et al.	Japan	Blood Purification (2021) 50:560-5	observational study
2021-3	Uncertain Clinical Effect of Polymyxin B Hemoperfusion in Patients with Septic Acute Kidney Injury Requiring Continuous Renal Replacement Therapy.	Lee JM et al.	Korea	Shock (2021) 56:551-6	observational study
2021-4	Therapeutic Rationale for Endotoxin Removal with Polymyxin B Immobilized Fiber Column (PMX) for Septic Shock.	Shoji H et al.	Japan	Int J Mol Sci (2021) 22:2228	review
2021-5	Multimodality treatment in immunocompromised patients with severe COVID-19: the role of IL-6 inhibitor, intravenous immunoglobulin, and haemoperfusion	Leelayuwatanakul N et al.	Thailand	Respirol Case Rep (2021) 9:e0733	case series
2021-6	PMX-DHP Therapy for Dyspnea and Deoxygenation in Severe COVID-19 Pneumonia: A Case Series	Kuwana T et al.	Japan	Infect Drug Resist (2021) 14:1305-10	case series
2021-7	Up-to-date information on polymyxin B-immobilized fiber column direct hemoperfusion for septic shock.	Mitaka C et al.	Japan	Acute Crit Care (2021) 36:85-91	review
2021-8	Endotoxin Adsorbent Therapy in Severe COVID-19 Pneumonia.	Peerapornratana S et al.	Thailand	Blood Purif (Apr 15, 2021 online)	case series
2021-9	Polymyxin B hemoperfusion therapy and extracorporeal CO2 removal in a patient with COVID-19: A case report.	Luca M et al.	Italy	Case Rep Int (2021) 10:100093Z06ML2021.	case report
2021-10	Effects of Polymyxin B Hemoperfusion in Patients with Sepsis Requiring Continuous Hemodiafiltration: Analysis of a Nationwide Administrative Database in Japan.	Fujimori K et al.	Japan	Ther Apher Dial (2021) 25:384-9	observational study
2021-11	Unsatisfactory Short-Term Neurodevelopmental Outcomes of Preterm Infants Who Received Polymyxin B-Immobilized Fiber Column-Direct Hemoperfusion for Septic Shock.	Nishizaki N et al.	Japan	Tohoku J. Exp. Med (2021) 253:275-81	observational study
2021-12	Impact of Extended Duration of Polymyxin B-Immobilized Fiber Column Direct Hemoperfusion on Hemodynamics, Vasoactive Substance Requirement, and Pulmonary Oxygenation in Patients with Sepsis: An Observational Study.	Mitaka C et al.	Japan	Blood Purif (Apr 28, 2021 online)	observational study
2021-13	Whole Blood Gene Expression Profiling in Response to Treatment for Septic Shock: A Case Report	Akitomi S et al.	Japan	Ann Clin Med Case Rep (2021) V6(17):1-5	case report
2021-14	Is Exchange Transfusion for Severe Neonatal Infection Preferable to Polymyxin B-immobilized Fiber Column for Direct Hemoperfusion: Pros and Cons.	Nishizaki N et al.	Japan	Tohoku J Exp Med (2021) 254:141-2	case report
2021-15	Possibility of PMX-DHP therapy as a principal strategy against cytokine storm in COVID-19: Insights from reconstructed coagulation data.	Ogawa H et al.	Japan	J Clin Apher (2021) 36:785-6	letter
2021-16	Studying polymyxin B-immobilized hemoperfusion therapy to remove endotoxin in infection with GN bacteria has conflicting results: We are not sure!"	Honore PM et al.	Belgium	J Crit Care (2021) 65:228-9	comment
2021-17	Polymyxin B hemoperfusion in septic patients with acute myeloblastic and premyelocytic leukemia	De Simone L et al.	Italy	Case Rep Int (2021) 10:100094Z06LS2021	case series
2021-18	Endotoxin and Cytokine Sequential Hemoabsorption in Septic Shock and Multi-Organ Failure.	Ruiz-Rodríguez JC	Spain	Blood Purif (Sep 7, 2021 online)	case series
2021-19	Acute respiratory distress syndrome caused by carbon monoxide poisoning and inhalation injury recovered after extracorporeal membrane oxygenation along with direct hemoperfusion with polymyxin B-immobilized fiber column: a case report.	Jang JH	Korea	J Med Case Rep (2021) 15:456	case report
2021-20	Polymyxin B-Immobilized Fiber Column Direct Hemoperfusion for Micro-Preemie Infants: Is Extended Duration Better than Early Start?	Nishizaki N et al.	Japan	Blood Purif (Sep 15, 2021 online)	letter
2021-21	Polymyxin B-Immobilized Fiber Column Direct Hemoperfusion for Micro-Preemie Infants with Septic Shock. Is Extended Duration Better than Early Start? Comment to the Letter to the Editor of Nishizaki and Colleagues.	Mitaka C et al.	Japan	Blood Purif (Sep 16, 2021 online)	letter (reply)
2021-22	Effectiveness of polymyxin B hemoperfusion for sepsis depends on the baseline SOFA score: a nationwide observational study.	Fujimori K et al.	Japan	Ann Intensive Care (2021) 11:141	observational study
2021-23	Polymyxin B and low-dose hydrocortisone treatment in a patient with uroseptic shock in a rural health unit	Arai T et al.	Japan	Oxf Med Case Reports (2021) 11:433-5	case report
2021-24	Impact of polymyxin B hemoperfusion therapy on high endotoxin activity level patients after successful infection source control: a prospective cohort study	Lee WY et al.	Korea	Sci Rep (2021) 11:24132	observational study