



## COVID-19 Resources – Welsh Blood Service

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This document contains links to blood related COVID-19 resources that you may find useful.

*If staff need information on specific aspects of COVID-19 we can perform a targeted literature search for you – just get in touch with [Library.Velindre@wales.nhs.uk](mailto:Library.Velindre@wales.nhs.uk)*

### Organisational Links

[British Blood Transfusion Society - COVID-19 Information](#)

[BTS: British Transplantation Society - COVID-19 Information for Transplant Professionals](#)

[NHS Blood and Transplant - ODT Clinical: COVID-19: Clinical Advice](#)

[Government UK - Information for hospital blood banks during the coronavirus \(COVID-19\) outbreak](#)

[European Blood Alliance – COVID-19 and Blood Establishments](#)

[EU: Guidance on the collection and transfusion of convalescent COVID-19 plasma.](#)

[International Society of Blood Transfusion: COVID-19 Convalescent plasma document library](#)

### Related Guidelines and Relevant Articles

[NICE: COVID 19 rapid guideline: haematopoietic stem cell transplantation.](#)

[NICE - COVID 19 rapid guideline: renal transplantation](#)

# Convalescent Plasma Articles

## **Health Technology Wales - Convalescent plasma therapy for patients with COVID-19**

### **ABO blood group and SARS-CoV-2 antibody response in a convalescent donor population**

Evan M. Bloch, Eshan U. Patel, et al.

Vox Sanguinis

### **Active surveillance of serious adverse events following transfusion of COVID-19 convalescent plasma**

Erica Swenson, Lisa Kanata Wong, et al.

Transfusion

### **Active Therapy with Passive Immunotherapy May Be Effective in the Fight against Covid-19**

Christopher J Morabito, Bagirath Gangadharan

Clinical & Translational Science

### **A consideration of convalescent plasma and plasma derivatives in the care of Severely-ill patients with COVID-19**

Thomas Lung, Michel D. Kazatchkine, et al.

Transfusion and Apheresis Science

### **Adaptations of transfusion systems to the COVID-19 pandemic in British Columbia, Canada: Early experiences of a large tertiary care center and survey of provincial activities**

Eric McGinnis, Robert J. Guo, et al.

Transfusion

### **Administration of high titer convalescent anti-SARS-CoV-2 plasma: From donor selection to monitoring recipient outcomes**

Rachelle P. Mendoza, William Fyke, et al.

Human Immunology

### **A Look-Back at Convalescent Plasma to Treat COVID-19**

Olivier Garraud, Karine Lacombe, et al.

Transfusion and Apheresis Science

### **A matched cohort study of convalescent plasma therapy for COVID-19**

Oleg V. Sostin, Pramuditha Rajapakse, et al.

Journal of Clinical Apheresis

### **Amotosalen and ultraviolet A light treatment efficiently inactivates severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) in human plasma**

Esam I. Azhar, Salwa I. Hindawi, et al.

Vox Sanguinis

### **A multicenter randomized trial to assess the efficacy of CONvalescent plasma therapy in patients with Invasive COVID-19 and acute respiratory failure treated with mechanical ventilation: the CONFIDENT trial protocol**

Benoît Misset, Eric Hoste, et al.

BMC Pulmonary Medicine

**Analysis of SARS-CoV-2 antibodies in COVID-19 convalescent blood using a coronavirus antigen microarray**

Rafael R. de Assis, Aarti Jain, et al.

Nature Communications

**Antibody-based immunotherapeutics and use of convalescent plasma to counter COVID-19: advances and prospects**

Khan Sharun, Ruchi Tiwari, et al.

Expert Opinion on Biological Therapy

**Anti-SARS-CoV-2 hyperimmune plasma workflow**

Petrungaro Annamaria, Quartarone Eugenia, et al.

Transfusion and Apheresis Science

**A retrospective study assessing the characteristics of COVID-19 convalescent plasma donors and donations**

Claudia Del Fante, Massimo Franchini

Transfusion

**A randomized, multicentre, open-label phase II proof-of-concept trial investigating the clinical efficacy and safety of the addition of convalescent plasma to the standard of care in patients hospitalized with COVID-19: the Donated Antibodies Working against nCoV (DAWn-Plasma) trial**

Timothy Devos, Tatjana Geukens, et al.

Trials

**A Randomized Trial of Convalescent Plasma in Covid-19 Severe Pneumonia**

Ventura A. Simonovich, Leandro D. Burgos Pratx, et al.

NEJM

**A review of COVID-19 convalescent plasma use in COVID-19 with focus on proof of efficacy**

Phani Kumar Devarasetti, Liza Rajasekhar, et al.

Immunologic Research

**Assessment of the Safety and Therapeutic Benefits of Convalescent Plasma in COVID-19 Treatment: A Systematic Review and Meta-Analysis**

Daniela Ferreira Barreira, Rita Adubeiro Lourenço, et al.

Frontiers in Medicine

**Association of Convalescent Plasma Treatment With Clinical Outcomes in Patients With COVID-19: A Systematic Review and Meta-analysis**

Perrine Janiaud, Cathrine Axfors, et al.

JAMA

**Brief report: Production of anti-SARS-CoV-2 hyperimmune globulin from convalescent plasma**

Peter Vandeberg, Maria Cruz, et al.

Transfusion

**Characteristics and serological patterns of COVID -19 convalescent plasma donors: optimal donors and timing of donation**

Ling Li, Xunliang Tong, et al.

Transfusion

**Characteristics of US Blood donors testing reactive for antibodies to SARS-CoV-2 prior to the availability of authorized vaccines**

Roger Y Dodd, Bryan R Spencer, et al.

Transfusion Medicine Reviews

**Characterization of 100 sequential SARS-CoV-2 convalescent plasma donations**

Christof Jungbauer, Lukas Weseslindtner, et al.

Transfusion

**Clinical Efficacy of Convalescent Plasma for Treatment of COVID-19 Infections: Results of a Multicenter Clinical Study**

Hassan Abolghasemi, Peyman Eshghi, et al.

Transfusion and Apheresis Science

**Clinical Performance of A Semi-Quantitative Assay for SARS-CoV2 IgG and SARS-CoV2 IgM Antibodies**

Joanna Jung, Emily Garnett, et al.

Clinica Chimica Acta

**Clinical use of Convalescent Plasma in the COVID-19 pandemic; a transfusion-focussed gap analysis with recommendations for future research priorities**

Arwa Z. Al-Riyami, Richard Schäfer, et al.

Vox Sanguinis

**Collecting and evaluating convalescent plasma for COVID-19 treatment: why and how.**

Pierre Tiberghien, Xavier de Lambalerie, Pascal Morel, Pierre Gallian, Karine Lacombe, Yazdan

Yazdanpanah

Vox Sanguinis

**Complement activation in the disease course of COVID-19 and its effects on clinical outcomes**

Aline H de Nooijer, Inge Grondman, et al.

The Journal of Infectious Diseases

**Convalescent Blood Products in COVID-19: A Narrative Review**

Keegan Chua Vi Long, Abida Sayed, et al.

Therapeutic Advances in Infectious Disease

**Convalescent Plasma: A Challenging Tool to Treat COVID-19 Patients—A Lesson from the Past and New Perspectives**

Valeria Selvi

BioMed Research International

**Convalescent Plasma against COVID-19: A Broad-Spectrum Therapeutic Approach for Emerging Infectious Diseases**

Marijn Thijssen, Timothy Devos, et al.

Microorganisms

**Convalescent Plasma Antibody Levels and the Risk of Death from Covid-19**

Michael J. Joyner, Rickey E. Carter, et al.

NEJM

**Convalescent Plasma as a Treatment Modality for Coronavirus Disease 2019 in Sudan**

Mozan Osman Hassan, Asma Ahmed Osman, et al.

Transfusion and Apheresis Science

**Convalescent Plasma Coupled With Medications for the Treatment of a Severe COVID-19 Patient: Drugs Analysis and Pharmaceutical Care Based on the Newly Established Guidelines for COVID-19 Remedy**

Ying Wang, Yang Zhang, et al.

Frontiers in Pharmacology

**Convalescent plasma for covid-19**

Lise J Estcourt, David J Roberts

BMJ

**Convalescent Plasma for COVID-19: A multicenter, randomized clinical trial**

Avendano-Sola, C. et al.

**Convalescent Plasma for COVID-19: back to the future**

David J. Roberts, Gail Mifflin, et al.

Transfusion Medicine

**Convalescent plasma for COVID-19: Donor demographic factors associated high neutralising antibody titres**

Jennifer Mehew, Rachel Johnson, et al.

Transfusion Medicine

**Convalescent plasma for covid19 – how long should a donor be excluded from donation?**

Jose M Kutner, Carolina Bonet-Bub, et al.

Transfusion and Apheresis Science

**Convalescent plasma for patients hospitalised with Coronavirus disease 2019: A meta-analysis with trial sequential analysis of randomised controlled trials**

Ryan Ruiyang Ling, Jackie Jia Lin Sim, et al.

Transfusion Medicine Reviews

**Convalescent plasma for patients with severe COVID-19: a matched cohort study**

Ralph Rogers, Fadi Shehadeh, et al.

Clinical Infectious Diseases

**Convalescent Plasma for the Treatment of COVID-19: Perspectives of the National Institutes of Health COVID-19 Treatment Guidelines Panel**

Alice K. Pau, Judith Aberg, et al.

Annals of Internal Medicine

**Convalescent Plasma for the Treatment of Severe COVID-19 Infection in Cancer Patients**

Douglas Tremblay, Carina Seah, et al.  
Cancer Medicine

**Convalescent plasma in patients admitted to hospital with COVID-19 (RECOVERY): a randomised controlled, open-label, platform trial**

RECOVERY Collaborative Group  
Lancet

**Convalescent plasma in the management of moderate covid-19 in adults in India: open label phase II multicentre randomised controlled trial (PLACID Trial)**

Anup Agarwal, Aparna Mukherjee, et al.  
BMJ

**Convalescent plasma may be a possible treatment for COVID-19: A systematic review**

Ying Wanga, Pengfei Huo, et al.  
International Immunopharmacology

**Convalescent plasma or hyperimmune immunoglobulin for people with COVID-19: a living systematic review**

Khai Li Chai, Sarah J Valk, Vanessa Piechotta, et al.  
Cochrane Database of Systematic Reviews

**Convalescent plasma: possible therapy for novel coronavirus disease 2019**

Huiling Cao, Yuan Shi  
Transfusion

**Convalescent plasma therapy: a promising coronavirus disease 2019 treatment strategy**

Ravikant Piyush, Keshav Rajarshi, et al.  
Open Biology

**Convalescent plasma therapy for B-cell depleted patients with protracted COVID-19 disease**

Thomas Hueso, Cécile Pouderoux, et al.  
Blood

**Convalescent Plasma Therapy in Patients with COVID-19**

Fevzi Altunts, Naim Ata, et al.  
Transfusion and Apheresis Science

**Convalescent Plasma Therapy on Patients with Severe or Life-Threatening COVID-19: A Metadata Analysis**

Francisco Diego Rabelo-da-Ponte, Daiane Silvello, et al.  
Journal of Infectious Diseases

**Convalescent Plasma: Therapeutic Hope or Hopeless Strategy in the SARS-CoV-2 Pandemic**

H. Cliff Sullivan, John D. Roback  
Transfusion Medicine Reviews

**Convalescent Plasma: The Relay Baton in the Race for Coronavirus Disease 2019 Treatment**

Jing Ouyang, Stéphane Isnard, et al.

*Frontiers Immunology*

**Convalescent plasma to treat coronavirus disease 2019 (covid-19): considerations for clinical trial design**

Paul Barone, Robert A. DeSimone

*Transfusion*

**Convalescent plasma to treat COVID-19: clinical experience and efficacy**

Shiyao Pei, Xi Yuan, et al.

*Aging*

**Convalescent plasma transfusion a promising therapy for coronavirus diseases 2019 (COVID-19): current updates**

Henu Kumar Verma, Batoul Farran, et al.

*Antibody Therapeutics*

**Convalescent plasma transfusion for the treatment of COVID-19: Systematic review**

Karthick Rajendran, Narayanasamy Krishnasamy, et al.

*Journal of Medical Virology*

**Convalescent plasma treatment for COVID-19: tempering expectations with the influenza experience**

Kanta Subbarao, Francesca Mordant, et al.

*European Journal of Immunology*

**Convalescent plasma treatment for SARS-CoV-2 infection: analysis of the first 436 donors in England, 22 April to 12 May 2020**

Heli Harvala, Jennifer Mehew, et al.

*Eurosurveillance*

**Convalescent plasma treatment of critically ill intensive care COVID-19 patients**

Monika Lindemann, Veronika Lenz, et al.

*Transfusion*

**Convalescent plasma treatment of severe COVID-19: A matched control study**

Sean T. H. Liu, Hung-Mo Lin, et al.

**Convalescent plasma treatment of severe COVID-19: a propensity score-matched control study**

Sean T. H. Liu, Hung-Mo Lin, et al.

*Nature Medicine*

**Coronavirus drugs: Using plasma from recovered patients as a treatment for COVID-19.**

Alzoughool, Foad; Alanagreh, Lo'aia

*International Journal of Risk & Safety in Medicine*

**Coronavirus Disease 2019: Coronaviruses and Blood Safety**

Le Chang, Ying Yan, Lunan Wang.

*Transfusion Medicine Reviews*

**COVID-19 convalescent plasma as long-term therapy in immunodeficient patients?**

Dina Rnjaka, Sanda Ravlic, et al.

Transfusion Clinique et Biologique

**COVID-19 convalescent plasma cohort study: Evaluation of the association between both donor and recipient neutralizing antibody titers and patient outcomes**

Ana Paula H. Yokoyama, Silvano Wendel, et al.

Transfusion

**COVID-19 convalescent plasma donor recruitment experience from the perspective of a hospital transfusion medicine service**

Jenna Wade, Edward A. Dent, et al.

Transfusion

**COVID-19 Convalescent Plasma Treatment of Moderate and Severe Cases of SARS-CoV-2 Infection: A Multicenter Interventional Study**

Sondas Alsharidah, Mariam Ayed, et al.

International Journal of Infectious Diseases

**COVID-19 therapy with mesenchymal stromal cells (MSC) and convalescent plasma must consider exosome involvement: Do the exosomes in convalescent plasma antagonize the weak immune antibodies?**

Philip W. Askenase

Journal of Extracellular Vesicles

**Current Perspectives of convalescent plasma therapy in COVID-19**

Kamal Kant Sahu, Ajay Kumar Mishra, et al.

Acta Biomedica

**Current views on the potentials of convalescent plasma therapy (CPT) as Coronavirus disease 2019 (COVID-19) treatment: A systematic review and meta-analysis based on recent studies and previous respiratory pandemics**

Jenifer Kiem Aviani, Danny Halim, et al.

Reviews in Medical Virology

**Deployment of convalescent plasma for the prevention and treatment of COVID-19.**

Bloch EM; Shoham S; Casadevall A, et al.

Journal of Clinical Investigation

**Different aspects of convalescent plasma therapy for COVID-19 treatment; a critical review**

Khadka, Sitaram, Nisar, Shameem, et al.

Immunopharmacology & Immunotoxicology

**Direct hemoperfusion using a polymyxin B-immobilized polystyrene column for COVID-19**

Daisuke Katagiri, Masahiro Ishikane, et al.

Journal of Clinical Apheresis

**Donor tolerability of convalescent plasma donation**

Rui He, Hui Lin, et al.

Journal of Clinical Apheresis



**Early experience with convalescent plasma as immunotherapy for COVID-19 in China: Knowns and unknowns**

Binzhen Chen, Rong Xia

Vox Sanguinis

**Early High-Titer Plasma Therapy to Prevent Severe Covid-19 in Older Adults**

Romina Libster, Gonzalo Pérez Marc, et al.

NEJM

**Early mortality benefit with COVID-19 convalescent plasma: a matched control study**

Aarthi G. Shenoy, Aaron Z. Hettinger, et al.

British Journal of Haematology

**Effect of convalescent plasma as complementary treatment in patients with moderate COVID-19 infection**

Manuel E. Baldeón, Augusto Maldonado, et al.

Transfusion Medicine

**Effect of Convalescent Plasma Therapy on Time to Clinical Improvement in Patients With Severe and Life-threatening COVID-19A Randomized Clinical Trial**

Ling Li, Wei Zhang, et al.

JAMA

**Efficacy of convalescent plasma therapy for COVID-19: A systematic review and meta-analysis**

Charan T. R. Vegivinti, John M. Pederson, et al.

Journal of Clinical Apheresis

**Efficacy of Convalescent Plasma Therapy in Severe COVID-19 Patients**

Hilal Akay Cizmecioglu, Mevlut Hakan Goktepe, et al.

Transfusion and Apheresis Science

**Efficacy of early transfusion of convalescent plasma with high-titer SARS-CoV-2 neutralizing antibodies in hospitalized patients with COVID-19**

Cristina Sanz, Meritxell Nomdedeu, et al.

Transfusion

**Efficacy of therapeutic plasma exchange in the treatment of severe class 3 and 4 cytokine release syndrome complicating COVID-19**

W. Larry Gluck, Sean P. Callahan, et al.

Respiratory Medicine

**Factors Associated with Good Patient Outcomes Following Convalescent Plasma in COVID-19: A Prospective Phase II Clinical Trial**

Danyal Ibrahim, Latha Dulipsingh, et al.

Infectious Diseases and Therapy

**Factors driving availability of COVID-19 convalescent plasma: Insights from a demand, production, and supply model**

W. Alton Russell, Eduard Grebe, et al.

Transfusion

**Feasibility of a Pilot Program for COVID-19 Convalescent Plasma Collection in Wuhan, China**

Ling Li, Ru Yang, et al.

Transfusion

**Hospital-Based Donor Recruitment and Predonation Serologic Testing for COVID-19 Convalescent Plasma**

Joanna Balcerek, Evelin Trejo, et al.

American Journal of Clinical Pathology

**How do I... facilitate a rapid response to a public health emergency requiring plasma collection with a public-private partnership?**

Maureen J. Miller, Adam Skrzekut, et al.

Transfusion

**How should we use convalescent plasma therapies for COVID-19?**

Erica Michelle Wood, Lise J Estcourt, et al.

Blood

**Impact of pathogen reduction methods on immunological properties of the COVID-19 convalescent plasma**

Alexander I. Kostin, Maria N. Lundgren, et al.

Vox Sanguinis

**Impact of serological and PCR testing requirements on the selection of COVID-19 convalescent plasma donors**

Jason A. Carter, Alex T. Freedenberg, et al.

Transfusion

**Improved Clinical Symptoms and Mortality on Severe/Critical COVID-19 Patients Utilizing Convalescent Plasma Transfusion**

Xinyi Xia, Kening Li, et al.

Blood

**In-depth blood proteome profiling analysis revealed distinct functional characteristics of plasma proteins between severe and non-severe COVID-19 patients**

Joonho Park, Hyeyoon Kim, et al.

Scientific Reports

**International Forum on the Collection and Use of COVID-19 Convalescent Plasma: Protocols, Challenges and Lessons Learned: Summary**

Arwa Z. Al-Riyami, Thierry Burnouf, ET AL.

Vox Sanguinis

**International Survey of Trials of Convalescent Plasma to Treat COVID-19 Infection**

M. F. Murphy, L. Estcourt, et al.

Transfusion Medicine Reviews

**Kinetics of SARS-CoV-2 antibody responses pre-COVID-19 and post-COVID-19 convalescent plasma transfusion in patients with severe respiratory failure: an observational case-control study**

Matthew N Klein, Elizabeth Wenqian Wang, et al.

Journal of Clinical Pathology

**Lessons learned from early compassionate use of convalescent plasma on critically ill patients with Covid-19**

Miao Liu, Zhen Chen, et al.

Transfusion

**Lessons learned in the collection of convalescent plasma during the COVID-19 pandemic**

Silvano Wendel, Kevin Land, et al.

Vox Sanguinis

**Locally harvested Covid-19 convalescent plasma could probably help combat the geographically determined SARS-CoV-2 viral variants**

Manish Raturi, Anuradha Kusum, et al.

Transfusion Clinique et Biologique

**Longitudinal analysis of SARS-CoV-2 antibodies in 8000 U.S. first-time convalescent plasma donations**

Michael Karbiener, Maria R. Farcet, et al.

Transfusion

**Maintaining plasma quality and safety in the state of ongoing epidemic - the role of pathogen reduction**

Tomasz Wasiluka, Anna Rogowska, et al.

Transfusion and Apheresis Science

**Mortality Benefit of Convalescent Plasma in COVID-19: A Systematic Review and Meta-Analysis**

Vikas Bansal, Kiran S. Mahapure, et al.

Frontiers in Medicine

**Mortality reduction in 46 severe Covid-19 patients treated with hyperimmune plasma. A proof of concept single arm multicenter trial**

Cesare Perotti, Fausto Baldanti, et al.

Haematologica

**Motivators of and barriers to becoming a COVID-19 convalescent plasma donor: A survey study**

Barbara M. Masser, Eamonn Ferguson, et al.

Transfusion Medicine

**Neutralizing Activity to SARS-CoV-2 of Convalescent and Control Plasma Used in a Randomized Controlled Trial**

Alex T. Freedenberg, Chun-Hao Pan, et al.

Transfusion

**Neutralizing antibody against SARS-CoV-2 spike in COVID-19 patients, health care workers and convalescent plasma donors**

Cong Zeng, John P. Evans, et al.  
Journal of Clinical Investigation

**New generation of vaccines and convalescent plasma therapy for management of CoV-2: Perspectives from the UK and potential deployment in the current global pandemic**

Jerard Seghatchian  
Transfusion and Apheresis Science

**Operational protocol for donation of anti-COVID-19 convalescent plasma in Italy**

Massimo Franchini, Giuseppe Marano, et al.  
Vox Sanguinis

**Passive immunotherapy with convalescent plasma against COVID-19? What about the evidence base and clinical trials?**

Olivier Garraud  
Transfusion and Apheresis Science

**Persistence of SARS-CoV-2 nasopharyngeal swab PCR positivity in COVID-19 convalescent plasma donors**

Sachie Ikegami, Robert Benirschke, et al.  
Transfusion

**Persistent viral RNA shedding after COVID -19 symptom resolution in older convalescent plasma donors**

William R Hartman, Aaron S Hess, et al.  
Transfusion

**Plasma exchange followed by convalescent plasma transfusion in COVID-19 patients**

Elham Roshandel, Ghazaleh Sankanian, et al.  
Transfusion and Apheresis Science

**Points to consider in the preparation and transfusion of COVID-19 convalescent plasma.**

Jay Epstein, Thierry Burnouf  
Vox Sanguinis

**Position paper on the preparation of immune plasma to be used in the treatment of patients with COVID-19**

Patrizia Accorsi, Pierluigi Berti, et al.  
Transfusion and Apheresis Science

**Potential of Therapeutic Plasmapheresis in Treatment of COVID-19 Patients:**

**Immunopathogenesis and Coagulopathy**

Sahar Balaghali, Rasul Dabbaghi, et al.  
Transfusion and Apheresis Science

**Preparedness and ACTIVITIES of the anti-SARS-CoV-2 Convalescent Plasma Bank in the Veneto region (Italy): an organizational model for future emergencies**

Giustina De Silvestro, Giorgio Gandini, et al.  
Transfusion and Apheresis Science

**Presence and short-term persistence of SARS-CoV-2 neutralizing antibodies in COVID-19 convalescent plasma donors**

Kyle Annen, Thomas E. Morrison, et al.

Transfusion

**Production of hyperimmune anti-SARS-CoV-2 intravenous immunoglobulin from pooled COVID-19 convalescent plasma**

Shaukat Ali, Syed M Uddin, et al.

Immunotherapy

**Rapid Establishment of a COVID -19 Convalescent Plasma Program in a Regional Healthcare Delivery Network**

Douglas Blackall, Shephali Wulff, et al.

Transfusion

**Rapid and quantitative detection of SARS-CoV-2 specific IgG for convalescent serum evaluation**

Xiaotian Tan, Mila Krel, et al.

Biosensors and Bioelectronics

**Regulatory Consideration on Preparation and Clinical Use of COVID-19 Convalescent Plasma**

Soner Yilmaz, Nigar Ertuğrul Örüç, et al.

Transfusion and Apheresis Science

**Retrospective analysis of 426 donors of a convalescent collective after mild COVID-19**

Tobias Flieder, Tanja Vollmer, et al.

PLOS One

**Risk–benefit analysis on the clinical significance of convalescent plasma therapy in the management of COVID-19**

Dhanasekaran et al.

Postgraduate Medical Journal

**Role of ACE2 receptor and the landscape of treatment options from convalescent plasma therapy to the drug repurposing in COVID-19**

Pravindra Kumar, Ashok Kumar Sah, et al.

Molecular and Cellular Biochemistry

**Safety Update: COVID-19 Convalescent Plasma in 20,000 Hospitalized Patients**

Michael J. Joyner, Katelyn A. Bruno, et al.

Mayo Clinic Proceedings

**SARS-CoV-2 Antibody Avidity Responses in COVID-19 Patients and Convalescent Plasma Donors**

Sarah E Benner, Eshan U Patel, et al.

Journal of Infectious Diseases

**SARS-CoV-2 antibody persistence in COVID-19 convalescent plasma donors: Dependency on assay format and applicability to serosurveillance**

Clara Di Germanio, Graham Simmons, et al.

Transfusion

**SARS-CoV-2 neutralization and serology testing of COVID-19 convalescent plasma from donors with non-severe disease**

Thomas J. Gniadek, Joshua M. Thiede, et al.

Transfusion

**SARS-CoV-2 serology and virology trends in donors and recipients of convalescent plasma**

Latha Dulipsingh, Danyal Ibrahim, et al.

Transfusion and Apheresis Science

**SARS-CoV-2-specific CD8+ T cell responses in convalescent COVID-19 individuals**

Hassen Kared, Andrew D. Redd, et al.

Journal of Clinical Investigation

**Screening donors for COVID-19 convalescent plasma**

Henry E. Wang, Luis Ostrosky-Zeichner, et al.

Transfusion

**Spike-specific circulating T follicular helper cell and cross-neutralizing antibody responses in COVID-19-convalescent individuals**

Jian Zhang, Qian Wu, et al.

Nature Microbiology

**Successful transfer of anti-SARS-CoV-2 immunity using convalescent plasma in an MM patient with hypogammaglobulinemia and COVID-19**

Tim Luetkens, Ryan Metcalf, et al.

Blood Advances

**Systematic review and meta-analysis of randomised controlled trials testing the safety and efficacy of convalescent plasma in the treatment of coronavirus disease 2019 (COVID-19): Evidence-base for practise and implications for research**

Tejpal Gupta, Sadhana Kannan, et al.

Transfusion Medicine

**The Disillusioned Comfort with COVID-19 and the Potential of Convalescent Plasma and Cell Therapy**

Mia C. Borlongan, Maximillian C. Borlongan, et al.

Cell Transplantation

**The Effect of Convalescent Plasma Therapy on Mortality Among Patients With COVID-19: Systematic Review and Meta-analysis**

Stephen A. Klassen, Jonathon W. Senefeld, et al.

Mayo Clinic Proceedings

**The efficacy assessment of convalescent plasma therapy for COVID-19 patients: a multi-center case series**

Hao Zeng, Dongfang Wang, et al.

Signal Transduction Target Therapy

**Therapeutic Plasma Exchange followed by Convalescent Plasma transfusion in critical COVID-19- an exploratory study**

Vinod Jaiswal, Prashant Nasa, et al.  
International Journal of Infectious Diseases

**Therapeutic Plasma Exchange for COVID-19-Associated Hyperviscosity**

Alexander D. Truong, Sara C. Auld, et al.  
Transfusion

**Therapeutic plasma exchange in a critically ill Covid-19 patient**

Victor Altmayer, Samir Saheb, et al.  
Journal of Clinical Apheresis

**The use of convalescent plasma for pediatric patients with sars-cov-2: a systematic literature review**

Marco Zaffanello, Giorgio Piacentini, et al.  
Transfusion and Apheresis Science

**The use of therapeutic plasma exchange as adjunctive therapy in the treatment of coronavirus disease 2019: A critical appraisal of the current evidence**

Wen Lu, Walter Kelley, et al.  
Journal of Clinical Apheresis

**Transition from Room-Temperature to Cold-Stored Platelets for the Preservation of Blood Inventories during the COVID-19 Pandemic**

Matthew A Warner, Emil B. Kurian  
Transfusion

**Treatment of COVID-19 Patients with Convalescent Plasma**

Eric Salazar, Katherine K. Perez, et al.  
The American Journal of Pathology

**Treatment for emerging viruses: Convalescent plasma and COVID-19**

Bethany L. Brown, Jeffrey McCullough  
Transfusion and Apheresis Science

**Treatment of COVID-19 Patients with Convalescent Plasma in Houston, Texas**

Eric Salazar, Katherine K. Perez, et al.

**Treatment of 5 Critically Ill Patients With COVID-19 With Convalescent Plasma**

Chenguang Shen, Zhaoqin Wang, Fang Zhao  
JAMA

**Treatment of Immunocompromised COVID-19 patients with Convalescent Plasma**

Monica Fung, Ashok Nambiar, et al.  
Transplant Infectious Disease

**Ubiquitous Convalescent Plasma: An Artificial Universal Plasma for COVID-19 Patients**

Mahla Sattarzadeh Bardsiri, Seyedeh Mehrnaz Kouhbananinejad, et al.  
Transfusion and Apheresis Science

**Update on newer approaches to prevent or treat COVID-19 infection: What we all need the most right now!!**

Jerard Seghatchiana, Jason P. Acker, et al.

Transfusion and Apheresis Science

**Use of convalescent plasma in COVID-19 patients with immunosuppression**

Jonathon W. Senefeld, Stephen A. Klassen, et al.

Transfusion

**Use of Convalescent Plasma in Hospitalized Patients with Covid-19 - Case Series**

Livia Hegerova, Ted Gooley, et al.

Blood

**Vaccination of COVID-19 convalescent plasma donors increases binding and neutralizing antibodies against SARS-CoV-2 variants**

Clara Di Germanio, Graham Simmons, et al.

Transfusion

**Validation of a SARS-CoV-2 RNA RT-PCR assay for high-throughput testing in blood of COVID-19 convalescent plasma donors and patients**

E.F Strasser, P.A Steininger, et al.

Transfusion

**Why will it never be known if convalescent plasma is effective for COVID-19**

Manuel Rojas, Juan-Manuel Anaya

Journal of Translational Autoimmunity

## General Blood Donation Articles

**ABO blood group and COVID-19: a review on behalf of the ISBT COVID-19 working group**

Ruchika Goel, Evan M. Bloch, et al.

Vox Sanguinis

**ABO blood group and risk of COVID-19 infection and complications: A systematic review and meta-analysis**

Marta Gutiérrez-Valencia, Leire Leache, et al.

Transfusion

**Active seeking of post-donation information to minimize a potential threat to transfusion safety: A pilot programme in the context of the COVID-19 pandemic**

Antoine Lewin, Christian Renaud, et al.

Vox Sanguinis

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