



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

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-focused 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 Poudroux, 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 penn 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 Balaghohi, 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 Özüç, 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

Anti-A and SARS-CoV-2: an intriguing association

Valeria de Freitas Dutra, Carolina Bonet-Bub, et al.
Vox Sanguinis

A rapid, point-of-care red blood cell agglutination assay detecting antibodies against SARS-CoV-2

Robert L. Kruse, Yuting Huang, et al.
Biochemical and Biophysical Research Communications

Association between ABO blood groups and COVID-19 infection, severity and demise: A systematic review and meta-analysis

Bing-Bing Wu, Dong-Zhou Gu, et al.
Infection, Genetics and Evolution

A survey of laboratory biosafety and protective measures in blood transfusion departments during the COVID-19 pandemic

Haiting Liu, Leping Liu, et al.
Vox Sanguinis

Awareness about Coronavirus (COVID-19) and challenges for blood services among potential blood donors

Saud Almalki, Mohamed Asseri, et al.
Transfusion and Apheresis Science

Blood and blood product use during COVID-19 Infection.

Bingwen Eugene Fan, Kiat Hoe Ong, Stephrene Seok Wei Chan, et al.
American Journal of Hematology

Blood cell counts and lymphocyte subsets of patients admitted during the COVID-19 pandemic: a prospective cohort study

Paul J. Hengeveld, Aaram Omar Khader, et al.
British Journal of Haematology

Blood Component Use in Critical Care in Patients with COVID-19 Infection: A Single Centre Experience

Andrew J Doyle, Anicee Danaee, et al.
British Journal of Haematology

Blood component utilization in COVID-19 patients in New York City: Transfusions do not follow the curve

Robert A. DeSimone, Victoria A. Costa, et al.
Transfusion

Blood donation and the global COVID-19 pandemic: areas for social science research

Jennie Haw, Kelly Holloway, et al.
Vox Sanguinis

Blood supply management in times of SARS-CoV-2 pandemic – challenges, strategies adopted, and the lessons learned from the experience of a hospital-based blood centre

Hem Chandra Pandey, Poonam Coshic, et al.
Vox Sanguinis

Blood transfusion activity in a general hospital during the COVID-19 pandemic

Karen Marín-Mori, Isabel González-Gascón y Marín, et al.
Vox Sanguinis

Blood transfusion during the COVID-19 outbreak.

Xiaohong Cai, Ming Ren, Fenghua Chen et al.

Blood Transfusion

Blood Transfusion Utilization in Hospitalized COVID -19 Patients

Christina M Barriteau, Patricia Bochey, et al.

Transfusion

Challenges associated with blood banks and blood donations during the COVID-19 pandemic

Sen-Crow, B. et al.

American Journal of Emergency Medicine

Clinical characteristics and outcomes of COVID-19 in haematopoietic stem-cell transplantation recipients: an observational cohort study

Akshay Sharma, Neel S Bhatt, et al.

Lancet Haematology

COVID-19 related callback in blood donors; outcomes in blood donors and patients

Sahar Balagholi, Mahtab Maghsudlu, et al.

Transfusion and Apheresis Science

Development and Evaluation of a Novel RT-PCR System for Reliable and Rapid SARS-CoV-2 Screening of Blood Donations

Meng Li, Yuwei Zhao, et al.

Transfusion

Donation and transplantation activity in the UK during the COVID-19 lockdown

Menara, A. et al.

Lancet

Effects of the COVID-19 pandemic on supply and use of blood for transfusion

Prof Simon J Stanworth, Helen V New, et al.

Lancet Haematology

Establishment of a Collection of Blood-Derived Products from COVID-19 Patients for Translational Research: Experience of the LPCE Biobank (Nice, France)

Virginie Tanga, Sylvie Leroy, et al.

Biopreservation and Biobanking

Expansion of Hospital-Based Blood Collections in the Face of COVID -19 Associated National Blood Shortage

Thomas J Gniadek, Jessica Mallek, et al.

Transfusion

Exploring predictors of Australian community members' blood donation intentions and blood donation-related behavior during the COVID-19 pandemic

Barbara M Masser, Melissa K Hyde, et al.

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Extracorporeal Blood Purification Treatment Options for COVID-19: The Role of Immunoadsorption

Tuğçe Nur Yiğenoğlu, Turgay Ulas, et al

Transfusion and Apheresis Science

Histo-blood group A is a risk factor for severe COVID-19

Pedro M. M. Garibaldi, Luciana C. Oliveira, et al.

Transfusion Medicine

Hospital transfusion service operations during the SARS-CoV-2 pandemic: Lessons learned from the AABB hospital survey in preparation for the next infectious disease outbreak

Srijana Rajbhandary, Aaron Shmookler, et al.

Transfusion

Iatrogenic anaemia and transfusion thresholds in ICU patients with COVID-19 disease at a tertiary care hospital

Ivo Beverina, Erika Borotto, et al.

Transfusion and Apheresis Science

Impact of COVID-19 and lockdown regarding blood transfusion

Xavier Delabranche, Daniel Kientz, et al.

Transfusion

Impact of Covid-19 epidemic on the activities of a blood centre, transfusion support for infected patients and clinical outcomes

Anna Quaglietta, Antonio Nicolucci

Transfusion Medicine

Impact of COVID-19 on blood centres in Zhejiang province China

Yongjun Wang, Wenjuan Han, et al.

Vox Sanguinis

Impact of covid-19 pandemic in the activity of a therapeutic apheresis unit in Italy

A. Colpo, L. Astolfi, et al.

Transfusion and Apheresis Science

Life in Times of COVID-19

David J. Roberts

Transfusion Medicine

Low risk of SARS-CoV-2 in blood transfusion

Michael Owusu, Augustina Angelina Sylverken, et al.

PLOS One

Motivation, blood donor satisfaction and intention to return during the COVID-19 pandemic

Christian Weidmann, Marie Derstroff, et al.

Vox Sanguinis

Neutralizing and binding activities against SARS-CoV-1/2, MERS-CoV, and human coronaviruses 229E and OC43 by normal human intravenous immunoglobulin derived from healthy donors in Japan

Ritsuko Kubota-Koketsu, Yutaka Terada, et al.

Transfusion

Neutralizing antibody levels against SARS-CoV-2 variants of concern Delta and Omicron in vaccine breakthrough-infected blood donors

Massimo Franchini, Daniele Focosi, et al.

Transfusion

New blood donors in times of crisis: Increased donation willingness, particularly among people at high risk for attracting SARS-CoV-2

Marloes L. C. Spekman, Steven Ramondt, et al.

Transfusion

No evidence of SARS-CoV -2 RNA among blood donors: A multicenter study in Hubei, China

Le Chang, Ying Yan, et al.

Transfusion

Nurse's perspective: The effects of Covid-19 in apheresis

Lidia Yanchuk, Sue Sinclair, et al.

Transfusion and Apheresis Science

Paradoxical effect of SARS-CoV-2 infection in patients with immune thrombocytopenia

Beatriz de la Cruz-Benito, María I. Rivas-Pollmar, et al.

British Journal of Haematology

Platelet activation and platelet-monocyte aggregates formation trigger tissue factor expression in severe COVID-19 patients

Eugenio Damaceno Hottz, Isaclaudia G. Azevedo-Quintanilha, et al.

Blood

Post-donation COVID-19 identification in blood donors.

So-Yong Kwon, Eun-Jin Kim, Yu Soek Jung, Jin Sung Jang, Nam-Sun Cho

Vox Sanguinis

Prepare to adapt: Blood supply and transfusion support during the first 2 weeks of the 2019 Novel Coronavirus (COVID-19) pandemic affecting Washington State.

Monica B. Pagano, John R. Hess, Hamilton C. Tsang, Elizabeth Staley et al.

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Psychological impact of the COVID-19 pandemic on young professionals in blood banks and transfusion services: A global cross-sectional survey

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Pushing beyond specifications: Evaluation of linearity and clinical performance of the cobas 6800/8800 SARS-CoV-2 RT-PCR assay for reliable quantification in blood and other materials outside recommendations

Dominik Nörz, André Frontzek, et al.

Journal of Clinical Virology

Rapid screening of COVID-19 patients using white blood cell scattergrams, a study on 381 patients

Jennifer Osman, Jérôme Lambert, et al.
British Journal of Haematology

Research initiatives of blood services worldwide in response to the covid-19 pandemic

Sheila F. O'Brien, Ryanne W. Lieshout-Krikke, et al.
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Risk of Transmission of Severe Acute Respiratory Syndrome Coronavirus-2 by Transfusion: A Literature Review

Leblanc, J. et al.
Transfusion

Relationship Between Blood Group and Risk of Infection and Death in COVID-19: a live Meta-Analysis

Fateme Pourali, Mahdi Afshari, et al.

Role of ABO blood system in COVID-19: Findings from a southern Italian study

Pierpaolo Negro, Maurizio Congedo, et al.
Transfusion Medicine

Role of red blood cell distribution width, as a prognostic indicator in COVID-19: A systematic review and meta-analysis

Soumya Sarkar, Sundara Kannan, et al.
Reviews in Medical Virology

Role of the ABO blood group in COVID-19 infection and complications: A population-based study

Mónica Enguita-Germánab, Julián Librero, et al.
Transfusion and Apheresis Science

SARS-CoV-2 asymptomatic and symptomatic patients and risk for transfusion transmission

Victor M. Corman, Holger F. Rabenau, et al.
Transfusion

SARS-CoV-2 RNA detected in blood products from patients with COVID-19 is not associated with infectious virus

Monique I. Andersson, Carolina V. Arancibia-Carcamo, et al.
Wellcome Open Research

SARS-CoV-2 seroprevalence among blood donors after the first COVID-19 wave in Canada

Sahar Saeed, Steven J. Drews, et al.
Transfusion

Seroprevalence of SARS-Coronavirus 2 among asymptomatic healthy blood donors from healthcare and non-healthcare settings: Implications for safety of blood donors and blood collection staff during blood donation

Hem Chandra Pandey, Yashaswi Dhiman, et al.
Transfusion and Apheresis Science

Seroprevalence of SARS-CoV-2 among Blood Donors and Changes after Introduction of Public Health and Social Measures, London, UK

G. Amirthalingam, H. Whitaker, et al.
Emerging Infectious Diseases

Severe acute respiratory syndrome coronavirus-2: implications for blood safety and sufficiency

Philip Kiely, Veronica C. Hoad, et al.
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Systematic Review and Meta-analysis of the Susceptibility of ABO Blood Group to COVID-19 Infection

Saeed M Kabrah, Ahmad Kabrah, et al.
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Testing the association between blood type and COVID-19 infection, intubation, and death

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The impact of ABO blood groups on clinical outcomes and susceptibility to COVID-19: A retrospective study in an unselected population

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The impact of ABO blood group on COVID-19 infection risk and mortality: A systematic review and meta-analysis

Nanyang Liu, Tingting Zhang, et al.
Blood Reviews

The impact of COVID-19 on academic productivity by female physicians and researchers in transfusion medicine

Tina S. Ipe, Ruchika Goel, et al.
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The impact of the SARS-CoV-2 outbreak on the safety and availability of blood transfusions in Italy.

Massimo Franchini, Albert Farrugia, Claudio Velati, et al.
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The Story of an Extraordinary Year: Challenges and Opportunities in Responding to Covid-19

Lise Sofie, H. Nissen-Meyer, et al.
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Tools for rapid analysis of blood usage and inventory during the COVID -19 pandemic

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Transfusion

Transfusion support in COVID-19 patients: Impact on hospital blood component supply during the outbreak

Kyra Velázquez-Kennedy, Alejandro Luna, et al.
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Triage tool for the rationing of blood for massively bleeding patients during a severe national blood shortage: guidance from the National Blood Transfusion Committee

Heidi Doughty, Laura Green, et al.
British Journal of Haematology

Use Of Face Mask By Blood Donors During The Covid 19 Pandemic: Impact On Donor Hemoglobin Concentration: A Bane Or A Boon

Rasika Setia, Mitu Dogra, et al.
Transfusion and Apheresis Science

Vox Sanguinis International Forum on Transfusion Services about Response to COVID-19

Mark H. Yazer, Bryon Jackson, et al.
Vox Sanguinis

Transplant & Other Blood Donation Articles

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Robert D.McBanell, Victor D.Torres Roldan, et al.
Mayo Clinic Proceedings

A Scoping Review of Registered Clinical Trials of Cellular Therapy for COVID-19 and a Framework for Accelerated Synthesis of Trial Evidence – FAST Evidence

Gary Liao, Katina Zheng, et al.
Transfusion Medicine Reviews

Cell-based therapy to reduce mortality from COVID -19: Systematic review and meta-analysis of human studies on acute respiratory distress syndrome

Wenchun Qu, Zhen Wang, et al.
Stem Cells Translational Medicine

Changes in Blood Coagulation in Patients with Severe Coronavirus Disease 2019 (COVID-19): a Meta-Analysis.

Mi Xiong, Xue Liang, You-Dong Wei.
British Journal of Haematology

Coagulation and anticoagulation in COVID-19

Tarik Hadid, Zyad Kafri, et al.
Blood Reviews

COVID and Coagulation: Bleeding and Thrombotic Manifestations of SARS-CoV2 Infection

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Blood

COVID-19 and Coagulation Dysfunction in Adults: A Systematic Review and Meta-analysis

Jing Lin, Han Yan, et al.
Journal of Medical Virology

COVID-19 and its implications for thrombosis and anticoagulation

Jean Marie Connors, Jerrold H Levy

Blood

COVID-19 and Transplantation

American Journal of Transplantation

Current treatment approaches for COVID-19 and the clinical value of transfusion-related technologies

Ying Li, Shanglong Liu, et al.

Transfusion and Apheresis Science

Evaluation of COVID-19 coagulopathy: laboratory characterization using thrombin generation and nonconventional haemostasis assays

Danielle White, Stephen MacDonald, et al.

International Journal of Laboratory Hematology

Evidence of Structural Protein Damage and Membrane Lipid Remodeling in Red Blood Cells from COVID-19 Patients

Tiffany Thomas, Davide Stefanoni, et al.

Journal of Proteome Research

Haematological characteristics and risk factors in the classification and prognosis evaluation of COVID-19: a retrospective cohort study

Danying Liao, Prof Fen Zhou, et al.

Lancet Haematology

Hematological findings and complications of COVID-19.

Evangelos Terpos, Ioannis Ntanasis-Stathopoulos, et al.

American Journal of Hematology

Hemoglobin value may be decreased in patients with severe coronavirus disease 2019.

Giuseppe Lippia, Camilla Mattiuzzib

Hematology, Transfusion and Cell Therapy

Heterogeneity in reporting venous thromboembolic phenotypes in COVID-19: Methodological issues and clinical implications

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British Journal of Haematology

Novel multiple swab method enables high efficiency in SARS-CoV -2 screenings without loss of sensitivity for screening of a complete population

Michael Schmidt, Sebastian Hoehl, et al.

Transfusion

Practical guidance for the management of adults with Immune Thrombocytopenia during the COVID-19 pandemic

S. Pavord, J. Thachil, et al.

British Journal of Haematology

The challenge of COVID-19 and hematopoietic cell transplantation; EBMT recommendations for management of hematopoietic cell transplant recipients, their donors, and patients undergoing CAR T-cell therapy

Per Ljungman, Malgorzata Mikulska, et al.

Bone Marrow Transplantation

The impact of COVID-19 on the provision of donor hematopoietic stem cell products worldwide: collateral damage

Jeff Szer, Daniel Weisdorf, Sergio Querol,

Bone Marrow Transplantation

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