



# Transplant Complication Working Party

Chair : Zina Peric

Secretary : Ivan Moseev

GvHD subcom : Olaf Penac

Survivorship subcom : Helene Schoemans

Regimen-related Tox subcom: Christian Koenecke; AI subcom : Grzegorz Basak

## Publications in 2021

Sharma A et al. Systematic Reviews in Hematopoietic Cell Transplantation and Cellular Therapy: Considerations and Guidance from the American Society for Transplantation and Cellular Therapy, European Society for Blood and Marrow Transplantation, and Center for International Blood and Marrow Transplant Research Late Effects and Quality of Life Working Committee. *Transplant Cell Ther.* 2021 May;27(5):380-388. doi: 10.1016/j.jtct.2020.12.002. Epub 2021 Jan 28.

Peric Z et al. Influence of pretransplant inflammatory bowel disease on the outcome of allogeneic hematopoietic stem cell transplantation: a matched-pair analysis study from the Transplant Complications Working Party (TCWP) of the EBMT. *Bone Marrow Transplant.* 2021 Dec;56(12):3084-3087. doi: 10.1038/s41409-021-01458-9.

Penack O et al. Association of pre-existing comorbidities with outcome of allogeneic hematopoietic cell transplantation. A retrospective analysis from the EBMT. *Bone Marrow Transplant.* 2022 Feb;57(2):183-190. doi: 10.1038/s41409-021-01502-8.

Phelan R et al. Male-specific late effects in adult hematopoietic cell transplantation recipients: a systematic review from the Late Effects and Quality of Life Working Committee of the Center for International Blood and Marrow Transplant Research and Transplant Complications Working Party of the European Society of Blood and Marrow Transplantation. *Transplant Cell Ther.* 2021 Oct 29:S2666-6367(21)01329-4. doi: 10.1016/j.jtct.2021.10.013. Epub ahead of print. PMID: 34757220.

Greinix HT et al. Improved outcome of patients with graft-versus-host disease after allogeneic hematopoietic cell transplantation for hematologic malignancies over time: an EBMT mega-file study. *Haematologica.* 2021 Jun 24. doi: 10.3324/haematol.2020.265769.

Greenfield DM et al. Metabolic syndrome and cardiovascular disease after haematopoietic cell transplantation (HCT) in adults: an EBMT cross-sectional non-interventional study. *Bone Marrow Transplant.* 2021 Nov;56(11):2820-2825. doi: 10.1038/s41409-021-01414-7. Epub 2021 Jul 17.

Tomaszewska A et al. Addition of Rituximab in Reduced Intensity Conditioning Regimens for B-Cell Malignancies Does Not Influence Transplant Outcomes: EBMT Registry Analyses Following Allogeneic Stem Cell Transplantation for B-Cell Malignancies. *Front Immunol.* 2021 Feb 2;11:613954. doi: 10.3389/fimmu.2020.613954.

## Submitted manuscripts

Waszczuk-Gajda et al. Complications of autologous stem cell transplantation in multiple myeloma: results from the Collaboration to Collect Autologous Transplant Outcomes in Lymphoma and Myeloma (CALM) study. A report by the EBMT Transplant Complications Working Party and the Chronic Malignancies Working Party

## Presentations at EBMT 2022

- Retrospective study on the incidence, severity, management and outcome of sinusoidal obstruction syndrome/ veno-occlusive disease of the liver (SOS/VOD) in allogeneic hematopoietic stem cell transplantation in adult patients (T. Ruutu)
- Easix and mortality after allogeneic stem cell transplantation – a prospective study by the EBMT TCWT **PARTY**(O. Penack)
- Second transplantation for graft failure after haploidentical HSCT: a survey by the TCWP of the EBMT(N. Durakovic)
- Fecal microbiota transplantation in the treatment of acute gastrointestinal graft-versus-host disease: a retrospective study of the TCWP (J. Bilinsky)
- Late effects after hematopoietic stem cell transplantation in patients with HLH: a Histiocyte Society, PDWP, IEWP AND TCWP EBMT STUDY(A.C. Horne)
- Late complications after autoSCT for autoimmune diseases (K. Kirgizov)

## Studies planned to be completed in 2022

- Ruutu T. Retrospective study on the incidence, severity, management and outcome of sinusoidal obstruction syndrome/ veno-occlusive disease of the liver (SOS/VOD) in allogeneic hematopoietic stem cell transplantation in adult patients.
- Penack O. EASIX and Mortality after Allogeneic Stem Cell Transplantation.
- Peric Z. Outcomes of allogeneic stem cell transplantation in patients with psychiatric disorders.
- Gorka M. The impact of blood group disparities on the outcomes of allogeneic stem cell transplantation in modern era.
- Durakovic N. Graft rejection in haploidentical HSCT: survey of subsequent therapeutic options.
- Lupo-Stanghellin MS. Retrospective study of cGvHD after haploidentical stem cell transplantation.
- Peric Z. Survey on the management of steroid-refractory graft-versus-host disease (SR-GVHD)
- Eeltink C & Klingen Gjørde L. A Cross-sectional study on the Sexual Function of Adult Survivors and their partners 3 and 15 years Post allogeneic Stem Cell Transplantation
- Schoemans H. EBMT patient engagement taskforce (PRO).
- Johannes Schetelig & Liesbeth de Wreede. Treatment Related and population mortality for Older Patients – (TROP).

## Ongoing data collection and analysis

Montoro Gomez J & Bos S. Outcomes and risk factors for survival of lung transplantation after allogeneic hematopoietic stem cell transplantation.

Penack O. NRM after second allo-SCT.

Basak G. Complications of CTX-based haploidentical stem cell transplantation – prospective observational study.

Moiseev I. Steroid-free first-line treatment of chronic GVHD survey.

Salas M. Outcomes of PT-CY in elderly AML/MDS

Turki A. Machine learning and GVHD

Mussetti A. Machine learning approach to estimate toxicity-related mortality following allogeneic hematopoietic cell transplantation

Salooja N & Horgan C. Management of passage from pediatric to adult age (transiting) in pediatric EBMT centers

GoCART Coalition. Basak G. Non-relapse mortality and cytokine-release syndrome after CD19 CAR-T cell therapy in patients with pre-existing comorbidity factors.

GoCART Coalition. Penack O. Organ complications after CD19 CAR T-Cell therapy for Large B Cell Lymphoma.