Infectious Diseases Working Party

CHAIR: RAFAEL DE LA CAMARA
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IDWP in 2021

STUDIES STARTING SOON:


NON-COVID PROSPECTIVE: 1) Infections following CAR T-cell therapy, 2) Viral infections after unmanipulated allo-HSCT in pediatric patients.

IDWP AT 47TH ANNUAL MEETING OF EBMT (VIRTUAL):

1. Rafael de la Camara (Spain) - IDWP Update
2. Dina Averbuch (Israel) - Current scientific proposals of IDWP
3. Roy Chemaly (United States) – CMV T-cell immunity monitoring
4. Dina Averbuch (Israel) – What is new in the field of Gram-negative infections in SCT patients?
5. Jose Luís Piñana (Spain) – Seasonal human coronaviruses vs SARS-CoV-2 in allogeneic hematopoietic stem cell transplantation
6. Malgorzata Mikulska (Italy) – Hepatitis C and hepatitis E in SCT
7. Martin Schmidt-Hieber (Germany) – Central nervous system (CNS) complications following HSCT

IDWP ORAL PRESENTATIONS:
1. Dina Averbuch (Israel) – Nocardiosis following hematopoietic cell transplantation: 20 years’ experience
2. Agnieszka Piekarska (Poland) – The management of Clostridioides Difficile infections in patients after allogeneic hematopoietic cell transplantations

COVID-19 SESSIONS:
1. Patient, Family and Donor Day: COVID-19. (PF03-1 – Panel discussion) Rafael de la Camara (Spain) March 14 12:00-12:35
2. Role of SARS-CoV-2 testing for donors in the workup (CTD3-4 – Cell Therapy Day). Rafael de la Camara (Spain) March 15 15:25-15:40
3. The IDWP-EBMT COVID 19 experience (joint session JSS ASTCT/CIBMTR/PPMBMT). Rafael de la Camara (Spain) March 15 17:06-17:24
4. IDWP recommendations and prospective registry study (S6E-1 – Covid 2). Per Ljungman (Sweden) March 17 16:15-16:30
5. COVID-19: The EBMT recommendations for management of HCT patients and donors (NG13-3 – Nurses Education day). Per Ljungman (Sweden)
6. COVID-19 vaccination in HSCT (S96 – Joint session WBM). Per Ljungman (Sweden)

OTHER INFECTIOUS RELATED SESSIONS:
2. Patient infectious risk factors: What they are and how to deal with them (W06, Workshop). Simone Cesaro (Italy) March 17 11:00-11:15
3. COVID-19 and other vaccines in HSCT recipients (MTE-12, Meet the Expert). Simone Cesaro (Italy) March 17 12:30-13:30 room MTE2
4. Infectious complications (HDI6-2, How Do I). Jan Styczynski (Poland)
5. Infectious complications (DM8-1, Data Management). Malgorzata Mikulska (Italy)
6. Early infectious complications (E11-1, Educational). Jan Styczynski (Poland)
8. Real World Evidence of CMV prophylaxis: a focus on CMV blips and treatment duration (IS19-3, Industry Symposium). Catherine Cordonnier (France) March 14 16:55-17:15

IDWP in 2020

MISSION
Mission of IDWP is to share the experience and develop cooperative studies to increase the knowledge in the field of diagnosis, prophylaxis and treatment of infectious complications in HSCT patients.

MAYOR ACHIEVEMENTS
IDWP Members continue their scientific and educational activity in the fields of bacterial, viral and fungal infections, including Pneumocystis jiroveci, parasitic infections, vaccinations, protective environment and guidelines development.

In 2020, IDWP leaded and participated in several COVID-19 initiatives: recommendations for SARS-CoV-2 management and vaccination, prospective study of SARS-CoV-2 in HSCT patients, participate in the EBMT COVID TASK force.

IDWP recent achievements were published in Journal of Infectious Diseases, Bone Marrow Transplant, and Journal of Neurology

PRINCIPLE RESEARCH STUDIES
COVID-19 STUDIES: 1) Impact of COVID-19 on stem cell transplant recipients and CAR-T cell recipients, 2) Impact of SARS-CoV-2 infection prior to stem cell transplantation

ONGOING OTHER PROJECTS INCLUDE:
RETROSPECTIVE: Listeria infections in hematopoietic stem cell transplant recipients
PROSPECTIVE NON-INTERVENTIONAL: 1) Impact of pre-existing invasive aspergillosis on allogeneic stem cell transplantation (IPAT), 2) Central nervous system complications following hematopoietic stem cell transplantation.
PROJECTS FOR WHICH FOLLOW-UP IS COLLECTED: Incidence and outcome of HHV-6 encephalitis in patients who undergo allogeneic haploidential HSCT

KEY PUBLICATIONS 2020
SEASONAL HUMAN CORONAVIRUSES RESPIRATORY TRACT INFECTION IN RECIPIENTS OF ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANTATION. Piñana et al, Journal of Infectious Diseases. doi: 10.1093/infdis/jiaa553
DEATH AFTER HEMATOPOIETIC STEM CELL TRANSPLANTATIONS: CHANGES OVER CALENDAR YEAR TIME, INFECTIONS AND ASSOCIATED FACTORS. Styczynski et al, Bone Marrow Transplant. doi: 10.1038/s41409-019-0624-z
THE CHALLENGES OF COVID-19 AND HEMATOPOIETIC CELL TRANSPLANTATIONS; IDWP RECOMMENDATIONS FOR MANAGEMENT OF HEMATOPOIETIC CELL TRANSPLANT recipients, THEIR DONORS AND PATIENTS UNDERGOING CART T-CELL THERAPY. Ljungman et al, Bone Marrow Transplant. doi: 10.1038/s41409-020-0191-0
USE OF LETEROMYXER IN OFF-LABEL INDICATIONS: IDWP of EBMT RETROSPECTIVE STUDY. Styczynski et al, Bone Marrow Transplant. doi: 10.1038/s41409-020-0116-w
INCIDENCE AND OUTCOME OF KAPOSI SARCOMA FOLLOWING HEMATOPOIETIC STEM CELL TRANSPLANTATION; A RETROSPECTIVE ANALYSIS AND A REVIEW OF THE LITERATURE, ON BEHALF of IDWP of EBMT. Cesaro et al, Bone Marrow Transplant. doi: 10.1038/s41409-019-0644-8
CURRENT ANTIMICROBIAL PRACTICE IN FEBRILE NEUTROPENIA ACROSS EUROPE AND ASIA: THE IDWP EBMT SURVEY. Verlinden et al, Bone Marrow Transplant. doi: 10.1038/s41409-020-0811-y

EDUCATIONAL COURSES 2020
23rd IDWP EDUCATIONAL (FIRST ONLINE) (28 – 30 October 2020)
5th INTERNATIONAL TRANSPLANT COURSE (4 – 6 November 2020)

Contact
For participation in, or information on IDWP studies, please contact the IDWP at the EBMT Leiden Study Unit, The Netherlands

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