



Concluding Remarks

Dennis L. Confer

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King Faisal Specialist Hospital and
Research Centre

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Day 1, Opening Sessions

- Welcome from the Meeting Organizers
- Overview of the global condition of HSCT and WHO role by Dr Niederwieser
- Inaugural Program with HE Dr Quasim AlQasabi
- Initiatives and aspirations in EMRO Countries
 - Remarkable variability in resources
 - Impressive achievements throughout



Day 1, Establishing and Expanding a transplant program

- Personnel with training and experience
- Infrastructure and adequate facilities
- A strong base of support at all levels
- A robust plan for blood transfusion support
Access to appropriate pharmaceuticals
- Apheresis capability for HPC(A)/platelet collections
- Is cryopreservation capability required?



Day 1, Starting with Autologous or Allogeneic?

- Depends almost entirely on the “evolution” of the new program
 - What is the need?
 - Where are the available resources?
 - What are the limitations for each strategy?
- Most programs begin with one and develop the second
- Either way, “Twinning Programs” are helpful and desirable



Day 1, What Indications?

- Depends on the available resources and technologies
 - HLA and other diagnostic laboratory support
 - Cryopreservation and apheresis capabilities
- Patient factors: age, distance from transplant center, comorbidities, donor availability
- Likelihood of success
- Availability of affordable alternative therapies



Day 2, Donor Safety & Follow-Up

- Unique issues in the EMRO Region
- Computer and speaker meltdowns
- HLA matching and donor selection
- Evaluation of donors
 - Minimizing donor risk while maximizing transplant success
- Special considerations for children
- Recommendations for donor follow-up
- Need for related donor care and follow-up



Day 2, Training and Dissemination?

- Requirements for transplantation staff
 - Physicians, Nurses, Technicians and Staff
- Available training and “twinning” tools
- Telemedicine capabilities/opportunities
- Training and collaboration is facilitated by the Internet
 - www.cure4kids.org
 - www.esh.org
 - www.eurocord-ed.org



Day 2, Nurses and their critical roles

- A training program for BMT Nurses
- Nurses and GVHD
- BMT Certified Nurse – BMTCN[®]

Cell Processing and HLA

Complex and highly technical

- Review of requirements and resources -
 - For the processing lab
 - For the HLA lab
- Requirements for graft characterization and release



Day 2, Quality Systems

- Overview of Quality Systems
- Several organizations are dedicated to establishing standards and programs for accreditation that cover aspects of HSCT
 - Transplant centers, HSCT collection sites, cord blood banks, processing laboratories, HLA laboratories, & donor registries
- Essential Elements Resource Tool
- How to proceed



Day 2, Collecting Outcomes and Sharing Information

- Includes reporting of activities (Global Survey) and reporting of results (Outcomes Registries)
 - Rationales for collection and uses for data
 - Frameworks and existing tools
 - Challenges and need
- Developing the EMBMT Registry
- Sharing Information –
 - Vehicles for dissemination
 - Rationale and principles for communication
 - Important target audiences for HSCT communications



Overall Observations

- Be thoughtful and plan well
- Establish a clear relationship with Health Authorities
- Maximize the resources available and seek a multidisciplinary environment
- Ensure that training and expertise of all staff are maximized
- Avoid competition & encourage transparency
- Set realistic goals and show success
- Use the early challenges to prioritize the additional needs



Conclusions

- Resources are required – Funding, HLA typing, other laboratory support, imaging and essential graft processing
- Training of the physicians and staff is essential
- Logistics must be addressed – late referral, distance from the center
- Regional characteristics must be considered
- There is an overall lack of donors for matched allogeneic transplantation, possible solutions -
 - Cord blood banks, donor registries, haploidentical transplantation



Success!

- >1000 total attendees!
- 34 Countries
- Senior officials present
- A new nurses session
- 23 Exhibitors



Thank you!

- Mahmoud Aljurf
- Hassan Elsolh
- Daniel Weisdorf
- Hildegard Greinix
- Paula Watry
- Dietger Niederwieser
- Yoshihisa Kodera
- Speakers and Panelists
- All the engaged attendees

