



Conclusions

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WBMT/WHO Workshop

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Day 1, Morning

- Welcome from Health Minister Tien and Professor Tri
- The WHO interests from Luc Noel
- Overview of the global condition of HSCT by Drs Niederwieser and Baldomero
- Initiatives and aspirations in six nations in the South-East Asia, Western Pacific and African Regions



Day 1, Minimum Requirements

- Personnel with training and experience
- Infrastructure and adequate facilities
- A strong base of support at all levels
- A robust plan for blood transfusion support including blood irradiation
- Access to appropriate pharmaceuticals
- Strongly desirable –
 - Apheresis capability for HSC/platelet collections
 - Cryopreservation capability



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 cost-effective alternative therapies



Day 2, Donor Selection

- Ethical frameworks for donor selection and management are well developed
- Regulatory frameworks are evolving
- Decisions about graft source, donor type, donor characteristics and HLA-matching are complex –
 - This represents a critical area for transplant physician expertise
 - Special considerations apply to children
- Management of immediate donor complications is important



Day 2, Graft Processing

Complex and highly technical

- Includes characterization, storage, processing, transport and identity
- Requires defined, trained and qualified staff
- Requires SOPs to control of processes, materials, and equipment
- Cord blood processing presents unique variations
- Regulatory frameworks will likely impact graft processing



Day 2, Collecting Outcomes and Sharing Information

- Data Collection -
 - Rationales for collection and uses for data
 - Frameworks and existing tools
 - Challenges and needs
- Sharing Information –
 - Vehicles for dissemination
 - Rationale and principles for communication
 - Important target audiences for HSCT communications



Day 2, AHCTA

- 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
- AHCTA and its member organizations provide an interface between our profession and national regulatory authorities
- Standards provide templates for compliant development of new HSCT programs



Overall Observations

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



Conclusions

- Problems have been identified
- Training of the primary physician is essential
- Resources are required – Funding, HLA typing, other laboratory support, imaging and essential graft processing
- Logistics must be addressed – late referral, distance from the center
- Regional characteristics must be considered
- There is an overall lack of donors for allogeneic transplantation



Obvious Next Steps

- Disseminate findings from the 1st International Workshop
- An algorithm can be developed for decision-making and asset allocation to assist developing programs to maximize the benefit of available resources
- The framework from this meeting is a template for future workshops



What have we learned from our Vietnam hosts?

- Initiative and Achievement
- Engagement
- Collaboration
- Hospitality
- Enthusiasm
- Entertainment
- Outstanding Planning



All the Keys to Success!

Cảm ơn bạn

- Professor Tri
- Professor Tien
- Dr. Van
- Dr. Khanh
- Minh
- Local Steering and Organizing Committee
- The NIHBT staff

