The Blood Donation and the International Transfusion Medicine

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Welcome to the ISBT

A truly global society with over 2200 members in 97 countries

Facilitating knowledge about transfusion medicine to serve the interests of donors and patients
Highlights

• Introduction ISBT
• Situation in Latin America
• Issues in Transfusion Medicine:
  • Supportive Therapy
  • Together with medical reality in country/region
• Transfusion Medicine ≠ Hematology
• Education (physicians, medical students, population)
• The WBDD 2010 moto
ISBT

- Brings together blood transfusion professionals from across the globe
- The direction is provided through a Board of Directors elected by the membership representing the six WHO regions
- ISBT has its Central Office in Amsterdam, The Netherlands;
- The membership participate in ISBT International and Regional congresses, education events and the 14 active Working Parties
ISBT AIMS

• To connect with blood transfusion professionals
• To provide opportunities for the exchange of information on science, clinical practice, and research and development
• To promote and maintain a high level of ethical, medical and scientific standards in blood transfusion medicine
• To promote safe and sufficient transfusion therapy globally
ISBT Activities – organising congresses, symposia, workshops

Organising international and regional congresses, symposia, workshops and seminars on issues of topical interest, from blood donations to the latest therapeutic products
ISBT Activities - publishing Technical & Scientific Documents

Publishing various technical and scientific documents:-

• congress proceedings
• state of the art reviews
• monographs,
ISBT Activities - Setting Standards

Setting ethical and technical standards:

- Code of Ethics for Blood Donation and Transfusion, ISBT 128,
- IT Guidelines
- Guidelines for effective Haemovigilance,

A Code of Ethics for Blood Donation and Transfusion

Guidelines for the Use of RFID Technology in Transfusion Medicine (p 1-24)

Standard for Surveillance of Complications Related to Blood Donation

ISBT Working Party on Haemovigilance

European Haemovigilance Network
ISBT Code of Ethics

Recognition of voluntary and nonremunerated aspect of the donation

Ensuring the anonymity between the donor and the recipient

Confidentiality of the donor information

Understanding by the donor of the risks to others of donating infected blood and his/her ethical responsibility

No discrimination due to gender, race, nationality, or religion

Blood is a public resource and access cannot be restricted

Avoidance of wastages

Transfusion therapy must be based only on genuine clinical need

FROM VEIN TO VEIN

BLOOD SAFETY

RECRUITMENT
COLLECTION
TESTS
PROCESSING
DISTRIBUTION
PRESCRIPTION
TRANSFUSION
FOLLOW-UP
INFORMATION SYSTEMS
Blood Transfusion in Latin America

Latin America → 20 countries:
- Variable quality
- Poverty (50% < U$ 2,00/day)
- High prevalence infectious markers
- Fragmentation of BTS
- High rate of family/replacement donos
- Laboratory service appendices

- Focus on serological tests
- Minor attention:
  Donor recruitment
  Clinical Use of Blood
Blood Transfusion in Latin America

Voluntary donors (%)

Total: 8,059,960 units
Voluntary Donors (%)

- 90 to 100 (5)
- 70 to 90 (1)
- 50 to 70 (3)
- 30 to 50 (2)
- 10 to 30 (15)
- 0 to 10 (12)
Support - Education and Training

- ISBT Standing Committee dedicated to Education;
- Activities of ISBT Working Parties;
- ISBT Academy;
- Academy day during congresses – Colombia, May 2010
- ISBT Science Series: “Introduction to Blood Transfusion Technology”.
- ISBT Spotlight series
- Congress webcasts
- World Blood Donor Day
Support - Education and Training

- Transfusion Medicine parallels local medical reality
  - High x Low development reality
- Leaders are becoming older
- Replacement might not be adequate
- Less training centers for basic sciences
- Profession less attractive than others
  - ISBT → 1,600
  - AABB → 7,000
  - ASH → 20,000
- Engulfment by Clinical Hematology Societies
- ISBT and other Organizations: share responsibilities, no competition
World Blood Donor Day
Upcoming Congresses

Berlin, June 2010

Lisbon, June 2011

Taipei, November 2011