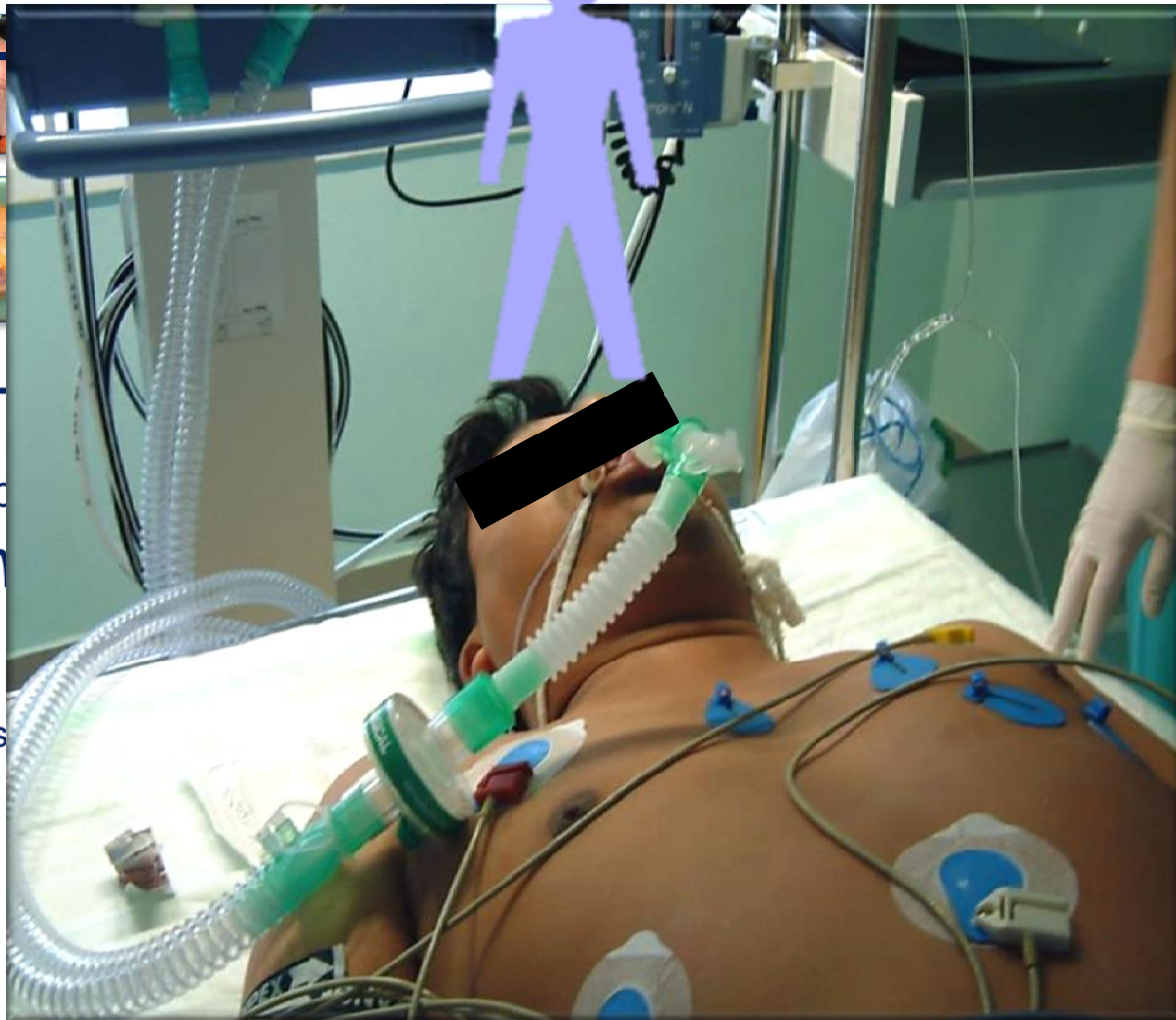


PROJECT NOTIFY

**Sharing vigilance experience and
knowledge globally**

The NOTIFY Project WHO's Initiative for Medical Products of Human Origin





Blood and b

Global
Regional
National
Requirements

Others

Global
Regional
National
Requirements

Medical Products of Human Origin (MPHO)

- From **human Donor to human Recipient**
- The challenge of meeting patient needs with solidarity and reciprocity
 - Equity in donation and in allocation: relying on receiving implies willing to give
 - → **The Self-Sufficiency paradigm**
 - Commitment of Society through authorities
 - Education to donation and prevention
 - Trust through professionalism and transparency
- **A common Humanity**
- The need for **Global governance**
- The **power of global V&S** to improve
 - Regular practice, traceability, risk based quality management,
 - Crisis management
 - The understanding of the importance of MPHO

3 Global Requirements for MPHO

**Standards of practice
inherent to the Human Origin**

**Universal use of
ISBT 128 for all MPHO**



**Optimized Vigilance
and Surveillance**



The NOTIFY project

- Mutualizing the global experience of V&S in MPHO services
 - Risk identification
 - Risk assessment
 - Risk based quality management
 - Risk education
- Associating Competent Authorities and Scientific and Professional Societies
- Promoting V&S as a crucial mechanism of quality and transparency in MPHO services
- Deserving trust



Centro Nazionale Trapianti



WHO Collaborating Centre
on Vigilance and Surveillance
for Human Cells, Tissues and Organs

Medical Products of Human Origin

Brasilia

Rome

Geneva

Post Bologna
BIG V&S

Bologna
Initiative for
Global
Vigilance and
Surveillance

Bologna –
The
Meeting

Pre-
Bologna –
The Notify
Google Site



2010

2011

2012

2013

2014

History of the NOTIFY Project

The Bologna Meeting Participants

- **116** attendees
- Regulators, government agencies, professional societies, international organisations, scientific and clinical experts in organ, tissue and cell transplantation and in assisted reproduction.
- **36** countries (Bulgaria, Italy, USA, Switzerland, Spain, France, Germany, Netherlands, Japan, India, Argentina, Portugal, Ireland, Denmark, Czech Republic, Lithuania, Slovenia, Australia, Brazil, Norway, Slovakia, Luxembourg, Thailand, Canada, Poland, Belgium, Singapore, Austria, Iran, South Africa, Russia, Croatia, Cyprus, Malta, Romania, Nigeria)

NOTIFY

EXPLORING VIGILANCE NOTIFICATION
FOR ORGANS, TISSUES AND CELLS

A Global Consultation

Organised by CNT with the co-sponsorship of WHO
and the participation of the EU-funded SOHO V&S Project

February 7-9, 2011

The NOTIFY Tools

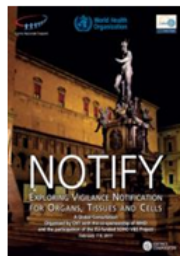
- NOTIFY Website <http://www.notifylibrary.org>
- NOTIFY Library of didactic cases of events and reactions



- NOTIFY Booklet
- NOTIFY Journal
- NOTIFY Network for horizon scanning ECDC+ USCDC+ ...



Click on this image to download the report of the Bologna Notify Meeting and 5 didactic papers developed by the Notify experts



NEWS: > Notify Libr

Notify Library site officially launched in Brasilia in December 2013	
<p>Marie-Paule Kiény World Health Organization</p>	<p>Fabrizio Oleari Italian National Institute of Health</p>



THE NOTIFY LIBRARY OF ADVERSE EVENT AND REACTION TYPES

Welcome to the Notify Library site where experts from across the globe collaborate to share didactic information on documented adverse outcomes associated with the application of human organs, tissues and cells. We aim to support continued improvements in safety and efficacy in transplantation and in assisted reproduction.

Do you have
Questions?
Corrections?
Additions?
Suggestions?
Please contact us at
notifylibrary@iss.it

GENERAL PUBLIC
CLICK HERE

HEALTH PROFESSIONALS
CLICK HERE

HEALTH AUTHORITIES
CLICK HERE

The NOTIFY Library

A database of all **types of severe adverse events and reactions** that have been reported arising from procurement and processing to clinical application of cells, tissues and organs for transplantation as well as of medical products of human origin used in assisted reproduction technologies.

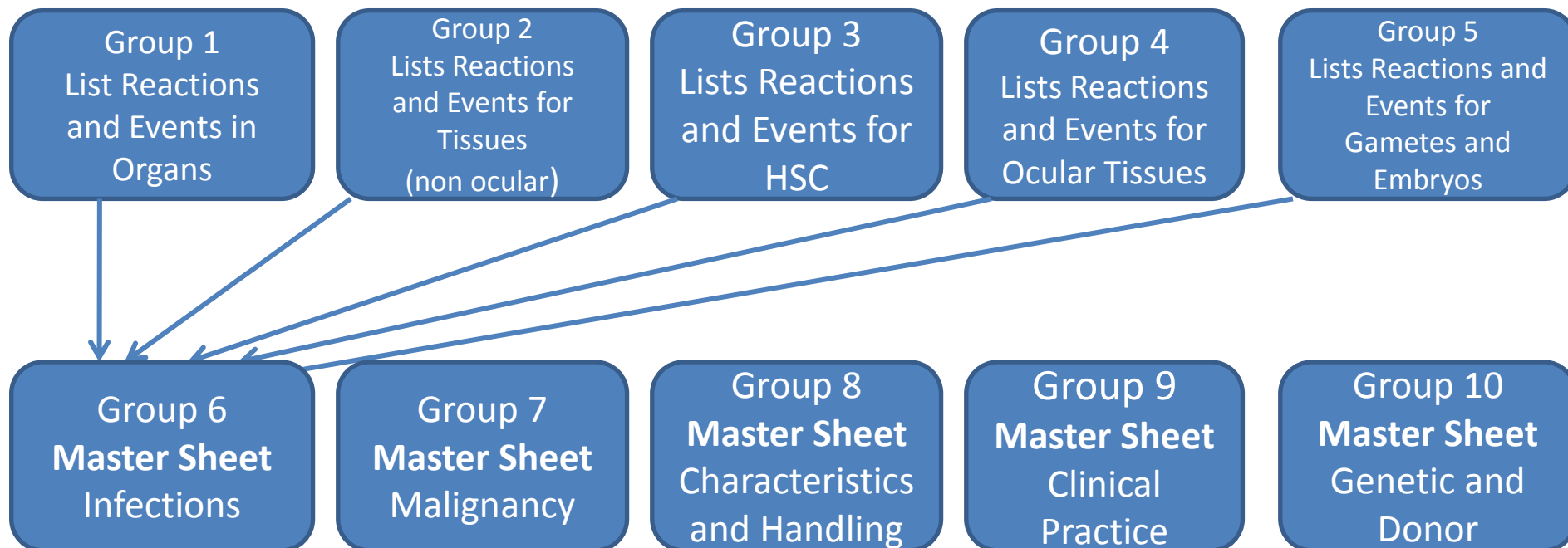
1. A reference for professionals focused on **diagnostic and investigation**
2. but also providing evidence for **donor selection**,
3. A source of information for candidate **recipients and living donors**
4. A database for **risk mapping and risk based quality management**

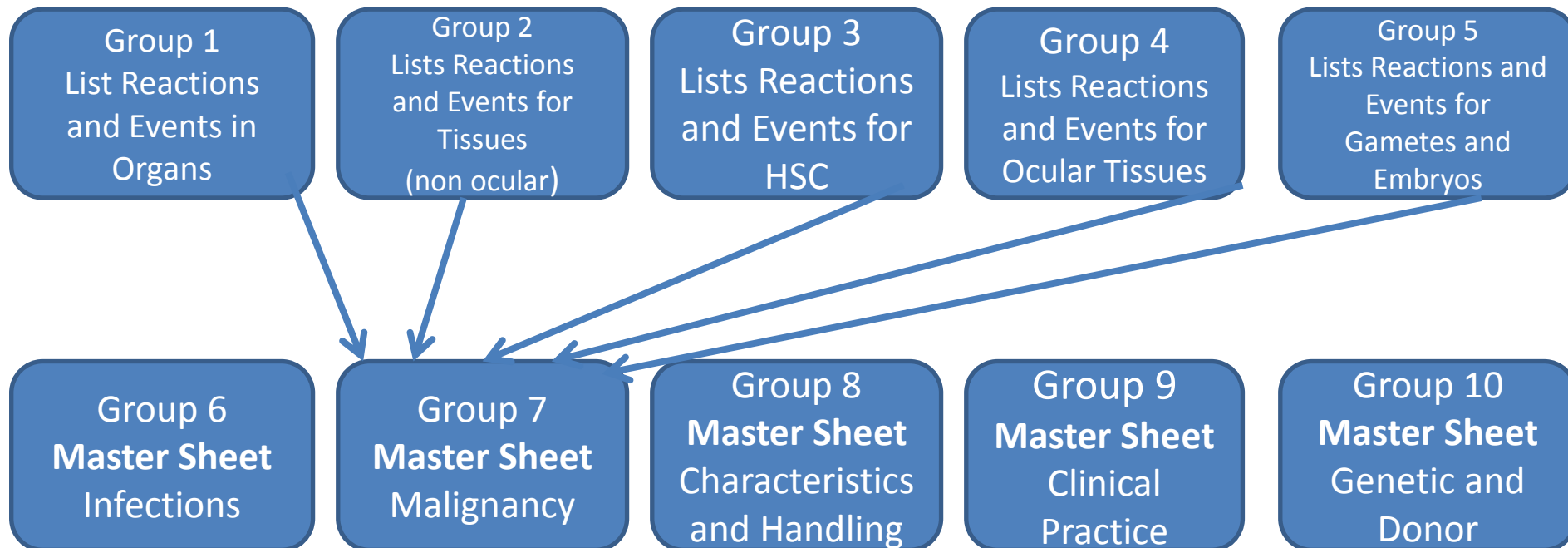
File Edit View Insert Format Form Tools Help					
<div>Icons and toolbars: Undo, Redo, Bold, Italic, Text color, Background color, Bulleted list, Numbered list, Indent, Outdent, Table, Sum, Bar chart</div>					
	A	B	C	D	E
1	Known Reaction	Typical alerting signal (i.e. first symptoms/triggers/laboratory findings etc.)	Demonstration of Imputability (how was it confirmed that the donation/transplant/application caused the reaction?)	Related to Group 6-10	References
9	Delayed engraftment	delayed hematological graft recovery	EUSTITE criteria	9	EUSTITE V&S, 2010
10					
11	Infection/Sepsis (product-related)				
12	Bacterial infection/sepsis	fever; sustained hypotension; nausea; vomiting; shock; positive surveillance blood culture	Positive product sterility testing with the same pathogen	6	EUSTITE V&S, 2010
13	Viral infection (donor-transmitted)	fever, interstitial pneumonia, flu-like symptoms; positive serology or NAT	Positive donor testing (same virus)	6	Sun et al, 2009
14	Viral infection (HBV) lab contamination	Symptoms consistent with acute HBV infection; HBV in multiple recipients of product from same facility	DNA sequence analysis of contaminant matched DNA of 4 bone marrow recipients from the contaminated storage tank	6,8	Hawkins, et al, 1996 (see Tedder et al 1995 for clinical information)
15	Fungal infection (product-related)	fever, flu-like symptoms, fungal septicemia; blood culture positive for fungal elements	Positive product fungal testing (same specie)	6	Mele, et al, 2005; Mori T, Kato J, Gutmanovics
16	CMV (new)	diarrhea, interstitial pneumonia/pneumonitis, fever; positive CMV PCR in prior CMV-negative recipient	highly suspected with CMV-negative recipient transplanted with CMV-positive donor, in absence of CMV-positive blood transfusion or other exposures		
17	Toxoplasma sepsis, CD34 selected cells, autologous	Sepsis at day +69, death	EUSTITE criteria		
18	Syphilis	Syphilis seroconversion; day +63	BMTx from recipient's sibling who was serologically positive for syphilis; recipient had TPHA that went down with treatment		

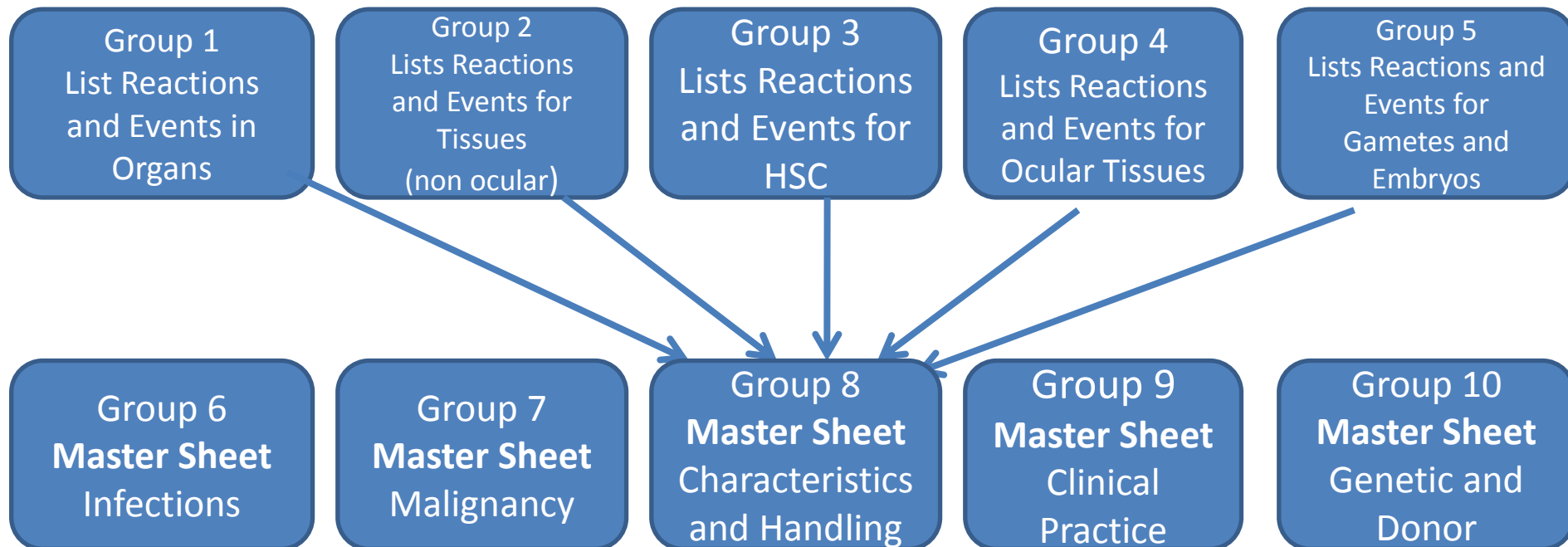
Over 1,700 references in – Endnote Li

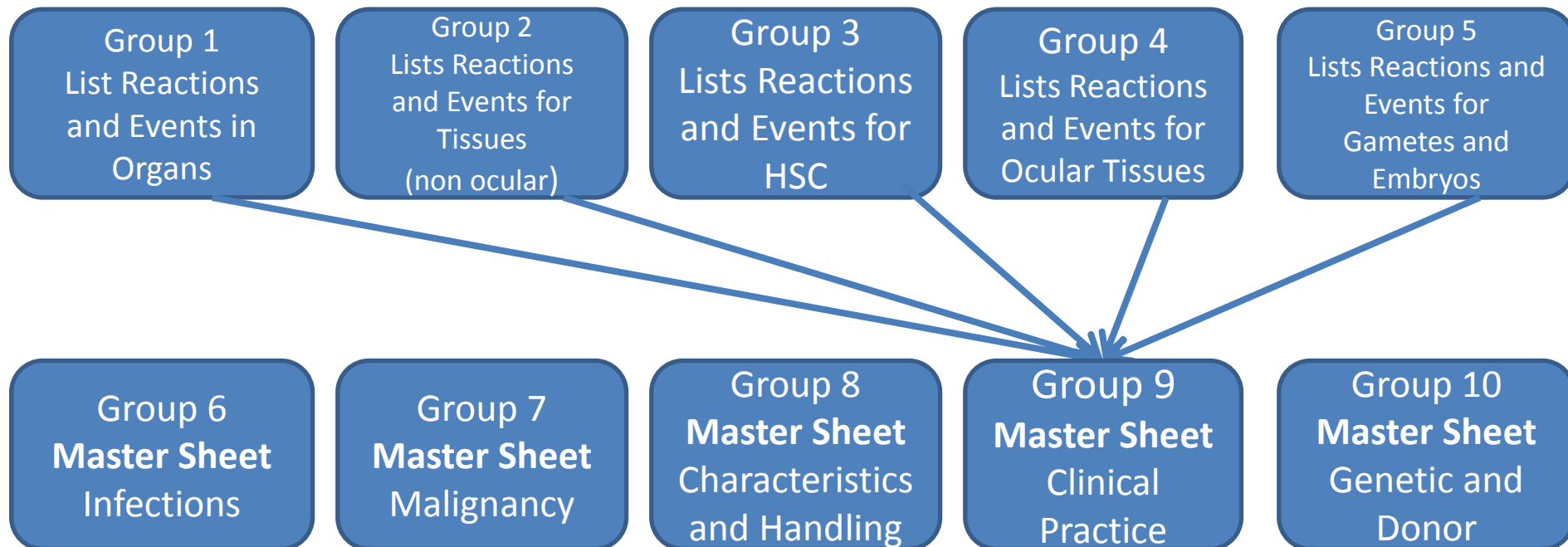
Recipient Adverse Reactions	Adverse Events	Donor--Marrow	Donor--Apheresis	References	+	Known Reaction
-----------------------------	----------------	---------------	------------------	------------	---	----------------

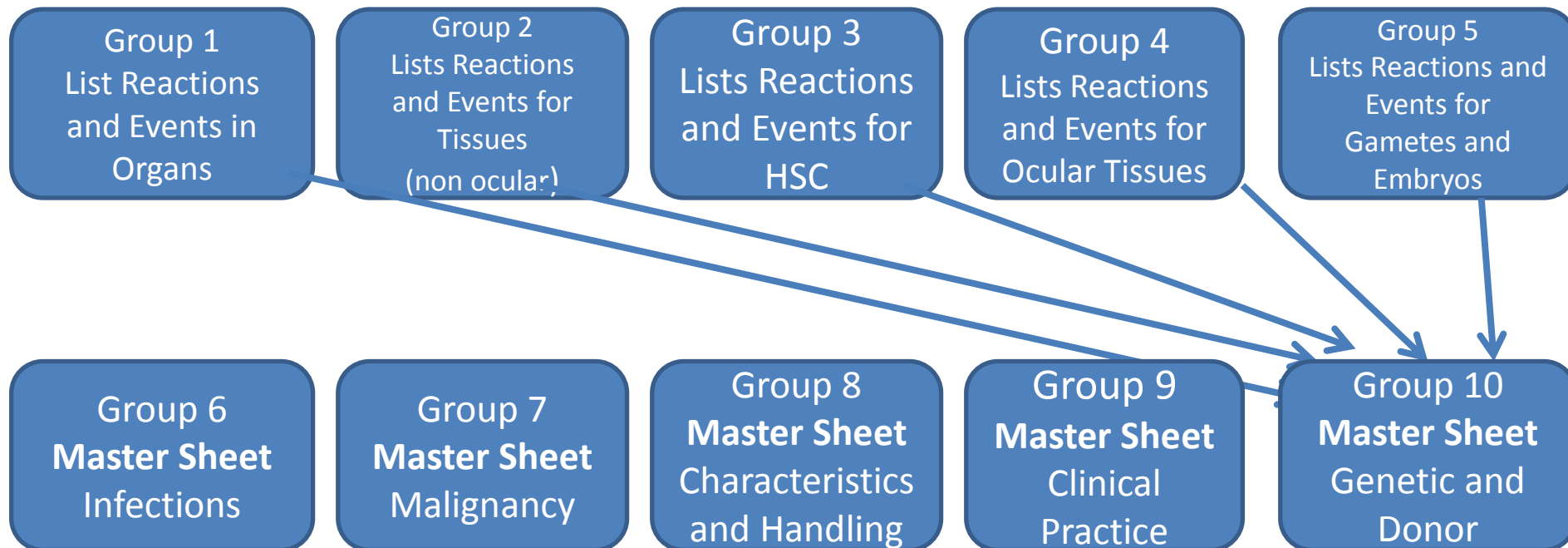
Over 1,700
references in total
– Endnote Library











Group 1
List Reactions
and Events in
Organs

Group 2
Lists Reactions
and Events for
Tissues
(non ocular)

Group 3
Lists Reactions
and Events for
HSC

Group 4
Lists Reactions
and Events for
Ocular Tissues

Group 5
Lists Reactions and
Events for
Gametes and
Embryos

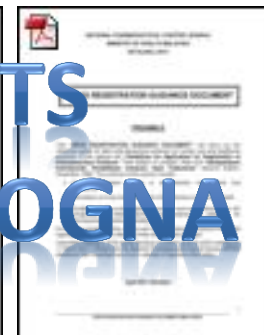
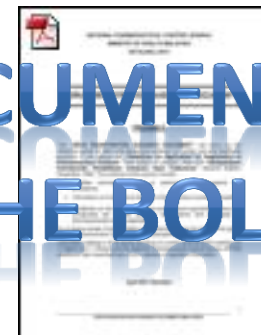
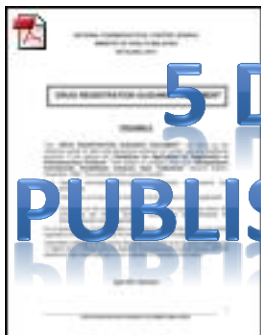
Group 6
Master Sheet
Infections

Group 7
Master Sheet
Malignancy

Group 8
Master Sheet
Characteristics
and Handling

Group 9
Master Sheet
Clinical Practice
Errors

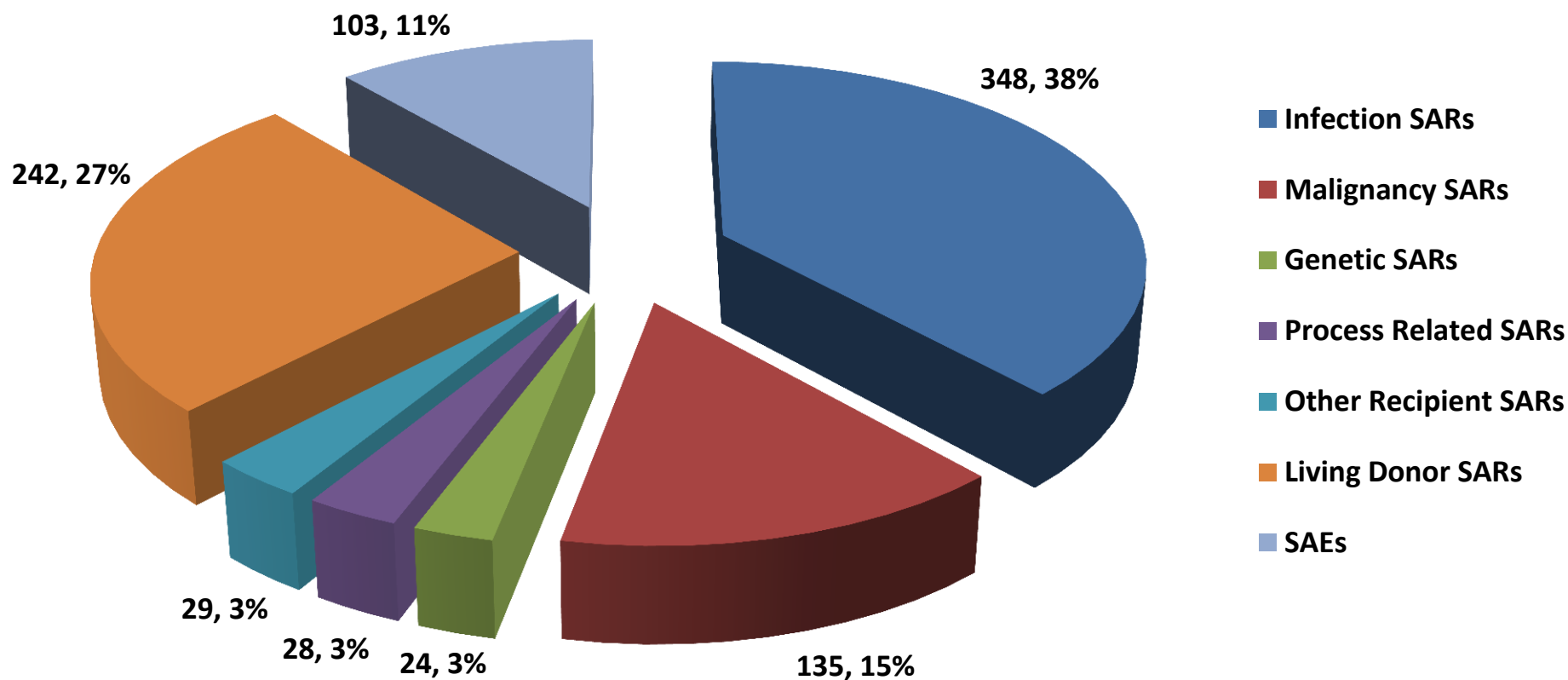
Group 10
Master Sheet
Genetic and Donor



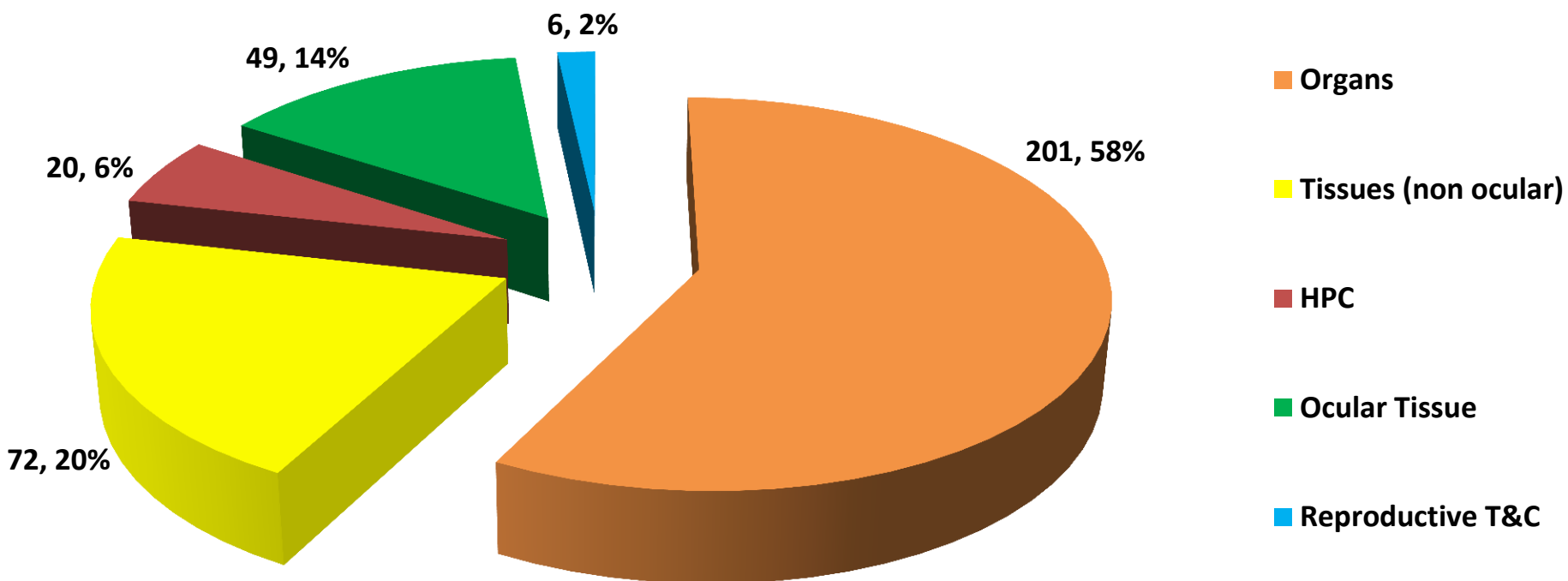
**5 DIDACTIC GUIDANCE DOCUMENTS
PUBLISHED TOGETHER WITH THE BOLOGNA
MEETING REPORT**

Uploaded records by INCIDENT type

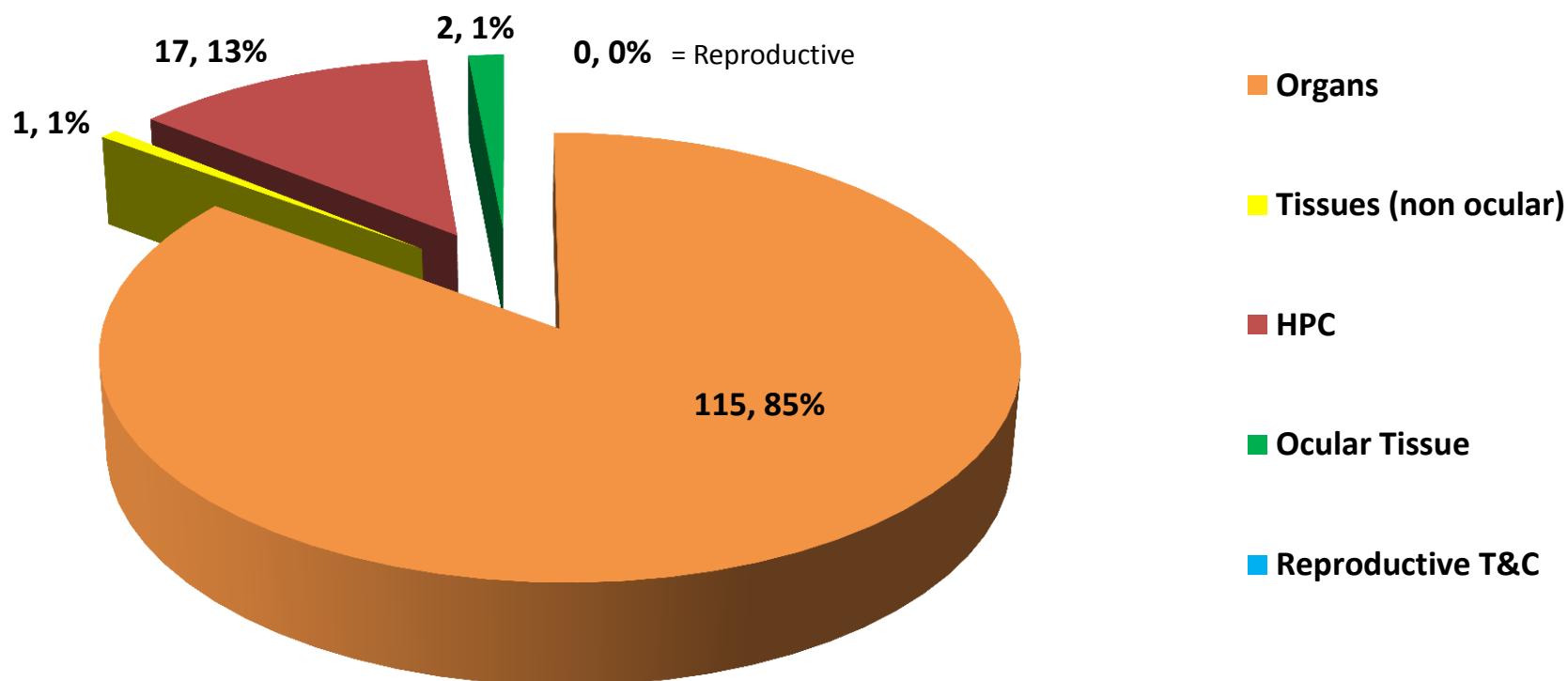
(n. 909)



Donor transmitted INFECTIONS by SUBSTANCE type (n. 348)



Donor transmitted MALIGNANCIES by SUBSTANCE type (n. 135)





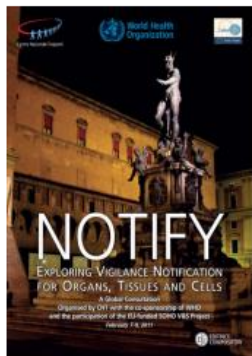
NOTIFYLIBRARY

The Global Vigilance and Surveillance Database for Transplantation and Assisted Reproduction

[Home](#) [The Notify Project](#) [Search Library](#) [Background Documents](#) [Forums](#) [Useful links](#) [Join Project Notify](#) [Disclaimer](#)



Click on this image to download the report of the Bologna Notify Meeting and 5 didactic papers developed by the Notify experts



> over 400 new records were uploaded on April 29th. Database now has > 900 records.

THE NOTIFY LIBRARY OF ADVERSE EVENT AND REACTION TYPES

Welcome to the Notify Library site where experts from across the globe collaborate to share didactic information on documented adverse outcomes associated with the application of human organs, tissues and cells. We aim to support continued improvements in safety and efficacy in transplantation and in assisted reproduction.

GENERAL PUBLIC
CLICK HERE

HEALTH PROFESSIONALS
CLICK HERE

HEALTH AUTHORITIES
CLICK HERE



Do you have
Questions?
Corrections?
Additions?
Suggestions?

Please contact us at
notifylibrary@iss.it

The database is continually updated and to date 100% of the cases collected (until 2010) by the BIG V&S were examined and uploaded. The next phase of the Notify Project will be to collect new cases (from 2010 to present) and increase the database volume. The search engine is accessible without username and password.

Search Library

Incident search

Adverse incident

SAR All

[Adverse incident](#) ^o

Substance type

All substance types

[Substance type](#) ^o

Keywords

(searches keywords identified by the Notify editors)

Free text

(searches the text in the database cases and includes alerting signals, imputability and keywords)

Notify library incident ID

(searches by Notify library incident ID, for multiple records separated by commas)

Limit results

10 per page

Notify Library Search

- [Incident search](#)
- [Reference search](#)
- ☐ [Bibliographic list](#)

Definitions

[SAR - Serious Adverse Reaction](#)

[SAE - Serious Adverse Event](#)











Found 376 records (up to [page top](#)).

Incident ID	Incident description	Incident type	Substance type	Latency (SAR) When detected (SAE)	Alerting signal (SAR) How detected (SAE)	Frequency data and estimates	Demonstration of imputability (SAR) Root cause (SAE)	Keywords	References
<input type="checkbox"/> 19	Human immunodeficiency virus (HIV)	SAR => Recipient => Infection => Viral => HIV	Tissues (non-Ocular) => Allogeneic => Musculoskeletal => Bone	3 weeks	Fever, sweats, enlarged nodes, diarrhea, NV. Frozen femoral head used in scoliosis surgery		Proven. Live donor (Injecting drug user, large nodes predonation) and recipient developed AIDS after 40 months	<ul style="list-style-type: none"> HIV (human immunodeficiency virus) femoral head bone transplantation AIDS (acquired immunodeficiency syndrome) 	1 reference
<input type="checkbox"/> 202	Human Immunodeficiency virus (HIV)	SAR => Recipient => Infection => Viral => HIV	Organs => Liver	8 days	Lymphocytopenia/Aplastic anemia/Positive test		HIV p24 Ag/Ab	<ul style="list-style-type: none"> HIV (human immunodeficiency virus) liver transplantation aplastic anemia lymphopenia 	1 reference
<input type="checkbox"/> 567	Human Immunodeficiency Virus (HIV)	SAR => Recipient => Infection => Viral => HIV	Organs => Liver	10 - 148 days	Positive test		HIV p24 Ag/Ab	<ul style="list-style-type: none"> HIV (human immunodeficiency virus) liver transplant donor transmission recipient infection 	2 references

'Inverse' search

Search Reset Print/Save selected items New search

Found 285 records (up to [page top](#)).

Reference ID	Reference	Incidents
<input type="checkbox"/> 1119	A new arenavirus in a cluster of fatal transplant-associated diseases. , Palacios, G., Druce J., Du L., Tran T., Birch C., Briesse T., Conlan S., Quan P. L., Hui J., Marshall J., et al. , N Engl J Med, Mar, Volume 358, Issue 10, p.991 - 8, (2008) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	2 incidents 
<input type="checkbox"/> 741	Successful transplantation of a liver graft with a calcified hydatid cyst after back-table resection. Jimenez Romero, C., Moreno Gonzalez E., Garcia Garcia I., Loinaz Seguro C., Gonzalez Pinto I., Gomez Sanz R., Hernandez-Gallardo D., and Moreno Sanz C. , Transplantation, Oct 27, Volume 80, Issue 8, p.883 - 4, (1995) Google Scholar BibTex RTF Tagged MARC XML RIS	1 incident 
<input type="checkbox"/> 155	Organ selection in intensive care: transplantation of a liver allograft, including calcified cyst of Echinococcus granularis. Bein, T., Haerty W., Haller M., Forst H., and Pratschke E. , Intensive care medicine, Volume 19, Issue 3, p.182, (1993) Google Scholar BibTex RTF Tagged MARC XML RIS	1 incident 
<input type="checkbox"/> 577	Rapidly progressive hepatic alveolar echinococcosis in an ABO-incompatible renal transplant recipient. Geyer, M., Wilpert J., Wiech T., Theilacker C., Stubanus M., Kramer-Zucker A., Fischer K. G., Drognitz O., Frydrychowicz A., Kern W., et al. , Transpl Infect Dis, Oct 28, (2010) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	1 incident 
<input type="checkbox"/> 890	Donor Infection and Transmission to the Recipient of a Solid Allograft. Len, O., Gavalda J., Blanes M., Montejo M., Juan R. S., Moreno A., Carratala J., De La Torre-Cisneros J., Bou G., Cordero E., et al. , American Journal of Transplantation, Volume 8, Issue 11, p.2420 - 2425, (2008) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	7 incidents 
<input type="checkbox"/> 677	Hepatic and intestinal schistosomiasis after orthotopic liver transplant. Hoare, M., Gelson W. T., Davies S. E., Curran M., and Alexander G. J. , Liver Transpl, Dec, Volume 11, Issue 12, p.1803 - 7, (2005) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	1 incident 
<input type="checkbox"/> 1339	Donor-to-host transmission of bacterial and fungal infections in lung transplantation. Ruiz, I., Gavalda J., Monforte V., Len O., Roman A., Bravo C., Ferrer A., Tenorio L., Roman F., Maestre J., et al. , American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons, Jan, Volume 6, Issue 1, p.178 - 82, (2006) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	7 incidents 
<input type="checkbox"/> 1723	Fatal pneumonia caused by Panton-Valentine Leucocidine-positive methicillin-resistant Staphylococcus aureus (PVL-MRSA) transmitted from a healthy donor in living-donor liver transplantation. Obed, A., Schnitzbauer A. A., Bein T., Lehn N., Linde H. J., and Schlitt H. J. , Transplantation, Jan 15, Volume 81, Issue 1, United States, p.121 - 124, (2006) Google Scholar BibTex RTF Tagged MARC XML RIS	2 incidents 
<input type="checkbox"/> 1326	Strongyloides stercoralis hyperinfection transmitted by liver allograft in a transplant recipient. Rodriguez-Hernandez, M. J., Ruiz-Perez-Piñon M., Canas E., Bernal C., and Gavilan F. , Am J Transplant, Nov, Volume 9, Issue 11, p.2637 - 40, (2009) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	2 incidents 
<input type="checkbox"/> 335	Posttransplant malaria: first case of transmission of Plasmodium falciparum from a white multiorgan donor to four recipients. Chiche, L., Lesage A., Duhamel C., Salame E., Malet M., Samba D., Segol P., and Treilhaud M. , Transplantation, Jan, Volume 75, Issue 1, p.106 - 8, (2003) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	6 incidents 

Page

1

Search Reset Print/Save selected items New search

Found 285 records (up to [page top](#)).

Reference ID	Reference	Incidents
1119	A new arenavirus in a cluster of fatal transplant-associated diseases. Palacios, G., Druce J., Du L., Tran T., Birch C., Briese T., Conlan S., Quan P. L., Hui J., Marshall J., et al. , N Engl J Med, Mar, Volume 358, Issue 10, p.991 - 8, (2008) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	2 incidents
741	Successful transplantation of a liver graft with a calcified hydatid cyst after back-table resection. Jimenez Romero, C., Moreno Gonzalez E., Garcia Garcia I., Luján Seguro C., Gonzalez Pinto I., Gomez Sanz R., Hernandez-Guillermo D., and Moreno Sanz C., Transplantation, Oct 27, Volume 80, Issue 8, p.883 - 4, (1995) Google Scholar BibTex RTF Tagged MARC XML RIS	1 incident
155	Organ selection in intensive care: transplantation of a liver allograft, including calcified cyst of Echinococcus granularis. Bein, T., Haerty W., Haller T., Ford J., et al., Infectious disease medicine, Volume 19, Issue 3, p.182, (1993) Google Scholar BibTex RTF Tagged MARC XML RIS	1 incident
577	Rapidly progressive hepatic alveolar echinococcosis in an ABO-incompatible renal transplant recipient. Geyer, M., Wilpert J., Wiech T., Theilacker C., Stuber T., et al., Transpl Infect Dis, Oct 26, (2010) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	1 incident
890	Donor Infection and Transmission to the Recipient of a Solid Allograft. Len, O., Gavalda J., Blanes M., Montejó M., Juan R. S., Moreno A., Carratalá J., et al., Transplantation, Volume 8, Issue 11, p.2420 - 2425, (2008) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	7 incidents
677	Hepatic and intestinal schistosomiasis after orthotopic liver transplant. Hoare, M., Gelson W. T., Davies S. E., Curran M., and Alexander G. J., Liver Transpl, Dec, Volume 11, Issue 12, p.1603 - 7, (2005) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	1 incident
1339	Donor-to-host transmission of bacterial and fungal infections in lung transplantation. Ruiz, I., Gavalda J., Monforte V., Len O., Roman A., Bravo C., Ferrer A., Tenorio L., Roman F., Maestre J., et al. , American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons, Jan, Volume 6, Issue 1, p.178 - 82, (2006) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	7 incidents
1723	Fatal pneumonia caused by Panton-Valentine Leucocidine-positive methicillin-resistant Staphylococcus aureus (PVL-MRSA) transmitted from a healthy donor in living-donor liver transplantation. Obed, A., Schnitzbauer A. A., Bein T., Lehn N., Linde H. J., and Schlitt H. J., Transplantation, Jan 15, Volume 81, Issue 1, United States, p.121 - 124, (2006) Google Scholar BibTex RTF Tagged MARC XML RIS	2 incidents
1326	Strongyloides stercoralis hyperinfection transmitted by liver allograft in a transplant recipient. Rodriguez-Hernandez, M. J., Ruiz-Perez-Pipaon M., Canas E., Bernal C., and Gavilan F., Am J Transplant, Nov, Volume 9, Issue 11, p.2637 - 40, (2009) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	2 incidents
335	Posttransplant malaria: first case of transmission of Plasmodium falciparum from a white multiorgan donor to four recipients. Chioche, L., Lesage A., Duhamel C., Salame E., Malet M., Samba D., Segol P., and Treilhaud M., Transplantation, Jan, Volume 75, Issue 1, p.166 - 8, (2003) DOI Google Scholar BibTex RTF Tagged MARC XML RIS	6 incidents

Page

1

Medical Products of Human Origin

Brasilia

Rome

Geneva

Post Bologna
BIG V&S

Bologna
Initiative for
Global
Vigilance and
Surveillance

Bologna –
The
Meeting

Pre-
Bologna –
The Notify
Google Site



2010

2011

2012

2013

2014

History of the NOTIFY Project

Notify Consultation Brasilia

December 2013

[Acesso à Informação](#)[BRASIL](#)

**ANVISA**
Agência Nacional de Vigilância Sanitária

English / Português
Ministério da Saúde


GOVERNO FEDERAL
BRASIL
PAÍS RICO E PAÍS SEM POBREZA

Buscar

[INÍCIO](#) [A AGÊNCIA](#) [SALA DE IMPRENSA](#) [SERVIÇOS](#) [ALERTAS E INFORMES](#) [REGULAÇÃO](#) [EDUCAÇÃO E PESQUISA](#) [CIDADÃO](#) [PROFISSIONAL DE SAÚDE](#) [SETOR REGULADO](#)

TAMANHO DO TEXTO [A-](#) [A](#) [A+](#) [Contraste normal](#) | [Alto Contraste](#)

Proteção à Saúde

- Agrotóxicos e Toxicologia
- Alimentos
- Cosméticos
- Derivados do Tabaco
- Insumos Farmacêuticos
- Laboratórios
- Medicamentos
- Portos, Aeroportos e Fronteiras
- Produtos para Saúde
- Saneantes
- Sangue, Tecidos e Órgãos
- Serviços de Saúde



OMS lança no Brasil biblioteca virtual em biovigilância

Durante o **III Encontro Global de Biovigilância da Organização Mundial de Saúde (OMS)**, em Brasília, foi lançado nesta segunda-feira (09) o Projeto NOTIFY, também conhecido como Notify Library. O evento foi

Consulta Produtos



Tire suas dúvidas sobre produtos e empresas.

[ACESSE AQUI](#)

Notificação - Notivisa



Relate aqui problemas encontrados no uso dos produtos sob vigilância sanitária.

[ACESSE AQUI](#)



[Acesso à Informação](#)



O Brasil a um clique dos Brasileiros

[brasil.gov.br](#)



Petições aguardando análise



Eventos de Massa



CONCURSO ANVISA 2013

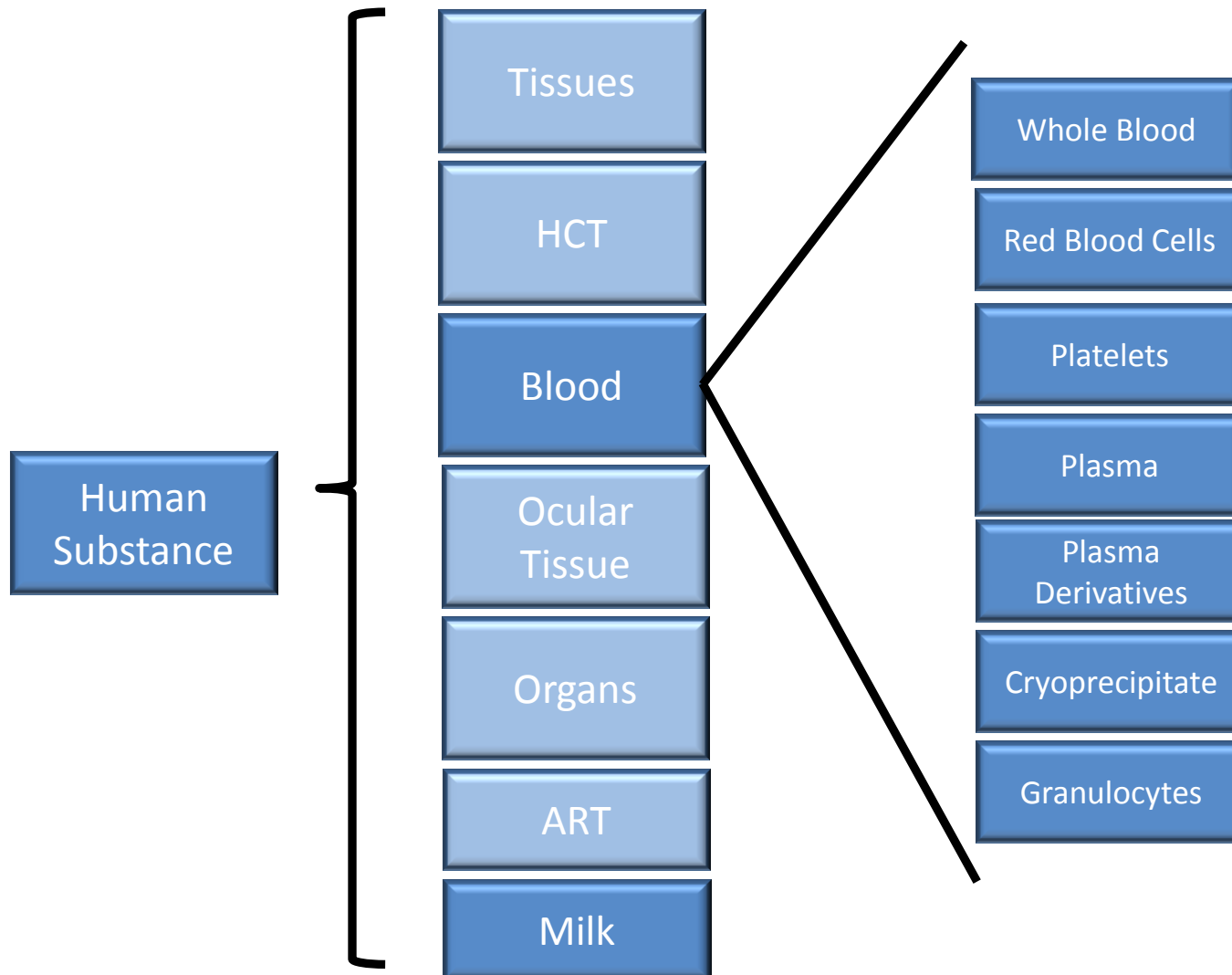
Brasilia Participants (Blood)

- Arlinke Bokhorst
- Ludo Muylle
- Jorge Condeco
- Matt Kuehnert
- Luc Noel
- Mike Strong
- Paul Ashford
- Anuj Sharma
- Ghazi Saleh Saeed
- Geni Camara
- Daniel de Freitas
- Deirdre Fehily
- Barbee Whitaker

Next steps Blood as MPHO in Notify Library

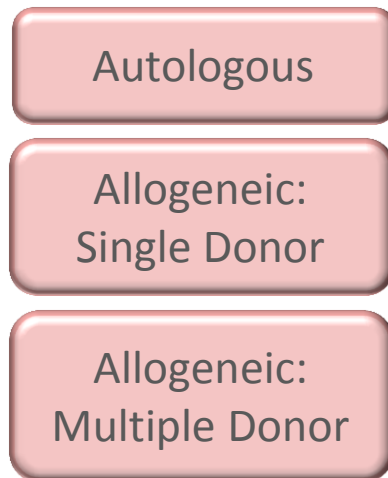
- Share with International Haemovigilance Network and the Working Party of ISBT
- Confirm blood taxonomy
 - MPHO Substance
 - Occurrence/Incident/Event Categories

Substance Taxonomy

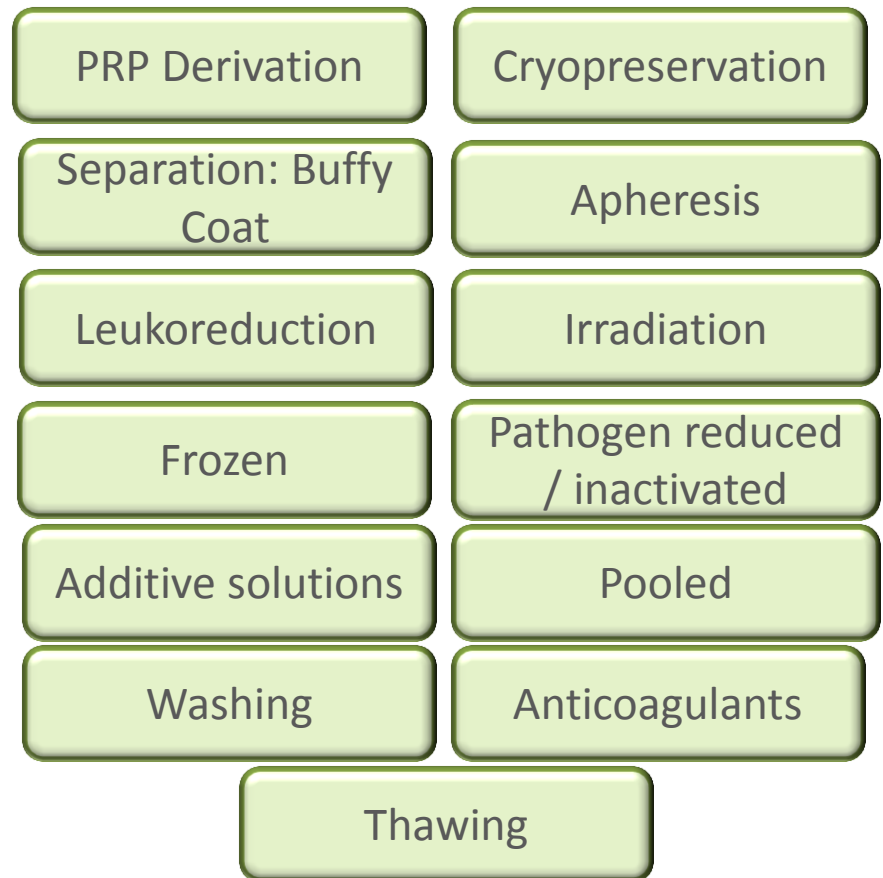


Blood Taxonomy Attributes

- Donor to Recipient Relationship Attributes



- Processing Attributes



Event Categorization

- Incident or Event
- SAE
- Occurrence
- SAR
- Reaction
- Harm or No Harm
- Recipient or Donor

Recipient (Patient) Harm

Transfusion Reaction

- Allergic Reaction
- Acute Hemolytic Reaction: immune
 - ABO
 - Other alloantibodies
- Acute Hemolytic Reaction: non-immune
- Delayed Hemolytic Reaction: immune
 - ABO
 - Other alloantibodies
- Delayed Hemolytic Reaction: non-immune
- TRALI
- TACO
- TAD
- Delayed Serologic Reaction
- Post Transfusion Purpura (PTP)
- Transfusion Associated Graft versus Host Disease
- Febrile Reaction
- Hypotensive Reaction
- Hypertensive Reaction
- Hemosiderosis
- Transfusion Associated Sepsis
- Under transfusion
- Other (e.g. air embolism, hyperkalemia, other metabolic reactions)

SARE Taxonomy: Donor Harm*

Vasovagal Reactions

- No Loss of Consciousness (LOC)
- LOC
- LOC (complicated)
- Location on site
- Location off site

Allergic

- Local
- Systemic
- Anaphylaxis

Local Injury related to needle

- Nerve Irritation
- Hematoma/Bruise
- Arterial Puncture
- Painful Arm
- Major vessel injury
- Infection
- Bleeding

Apheresis Infusion Reactions

- Citrate
- Hemolysis
- Air Embolus

Other

**Harmonized Definitions*

Adverse Occurrences, eg.

- Loss of highly matched or autologous material
- Gamete or embryo mix-up
- Loss of suitable organ
- Loss of large quantity of MPOH (unmatched tissues or cells)
- Unsuitable tissue or cells released for clinical use and/or applied clinically

Adverse Occurrences: Blood

- Wrong blood in tube or Incorrect Blood Component Transfused
- Unsuitable Blood released for clinical use and/or applied clinically
- Loss of highly matched or autologous material
- Loss of large quantity of MPOH (unmatched tissues or cells): equipment failures
- Others...

Next steps Blood as MPHO in Notify Library

- Share with International Haemovigilance Network and the Working Party of ISBT
- Confirm taxonomy
- Develop a reporting form
- Pilot test with experts
- Invite Participation
- Establish editorial groups
 - Published literature
 - Other instructive or exemplary cases
- Incorporate into Notify using agreed upon taxonomy

www.notifylibrary.org

Thank you!

Barbee Whitaker, PhD
Director Center for Patient Safety
AABB