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Departamento de Desarrollo de Servicios de Salud

RED DISTRITAL DE BANCOS DE SANGRE Y SERVICIOS DE
TRANSFUSION SANGUINEA

PROGRAMA DE HEMOVIGILANCIA

Adriana Urbina B. MD, MSc, PhD (c)



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RECURSOS ELECTRÓNICOS DE LIBRE ACCESO

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http://new.paho.org/hq/index.php?option=com_content&task=view&id=1466&Itemid=1270

The screenshot shows a web browser window with the title "Pan American Health Organization - Organización Panamericana de la Salud - PAHO and WHO Technical Documents ...". The address bar contains the URL: http://new.paho.org/hq/index.php?option=com_content&task=view&id=1466&Itemid=1270. The browser's search bar is empty, and the search filters are set to "In PAHO HQ".

The website header features the logos of the Pan American Health Organization and the World Health Organization, along with a banner for "DONATE Help Victims of the Earthquake in Haiti". The language options are "English" and "Español".

The main navigation menu includes: Home, About PAHO, Countries and Centers, Health Topics, Publications, Data and Statistics, Projects and Programs, Links, PAHO in maps, PAHO in One Click, and Media Center. The "Publications" section is currently selected.

The "Publications" section displays the title "PAHO and WHO Technical Documents and Publications" and a brief description: "The technical documents and reports of PAHO are designed to provide professionals in the member countries with a situation analysis, helping them to identify pertinent strategies and design and implement interventions, including staff training. In order to maximize the impact of its resources, PAHO also identifies materials produced by other institutions that can assist with local decision-making." Below this, it states: "The Technical Documents and Publications contains our own technical documents and a number of links that will enable visitors to access the basic tools necessary for ensuring the timely availability of sufficient quantities of safe blood for transfusions." The year "2009" is displayed at the bottom of the main content area.

On the right side of the page, there are several featured sections: "Technology, Health Care and Research Area", "PAHO/WHO MANDATES AND RESOLUTIONS", "Blood Services", and "NEW PUBLICATION".

The browser's status bar at the bottom shows the current URL: http://new.paho.org/hq/index.php?option=com_content&task=view&id=1245&Itemid=1497 and a notification: "Una descarga activa (19 minutos restantes)".

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2009



Elegibilidad para la Donación de Sangre. Recomendaciones para la Educación y la Selección de Donantes Potenciales de Sangre

Documento (17.04 MB)

Eligibility for Blood Donation: Recommendations for Education and Selection of Prospective Blood Donors

Document (9.89 MB)

Elegibilidade para doação de sangue. Rcomendações para Educação e Seleção de Doadores de Sangue Potenciais

Document (4.5 MB)

Eligibilité pour le don du sang: Recommandations pour l'éducation et la sélection des candidats

Documents (4.96 MB)



BLOOD SERVICES SCIENTIFIC AND TECHNICAL INFORMATION

PAHO/WHO technical documents and publications



BLOOD SERVICES EVENTS

There are no upcoming events currently scheduled.

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2009



OPS. Suministro de Sangre para Transfusiones en los Países del Caribe y Latinoamérica en 2006 y 2007: Avance desde 2005 del Plan Regional de Seguridad Transfusional. Washington, D.C: OPS, 2009. (THR/HT/2009/01ESP).



[Documento 2009 \(2.2 MB\)](#)



PAHO. Supply of Blood for Transfusion in the Caribbean and Latin American Countries in 2006-2007: Progress since 2005 of the Regional Plan of Action for Transfusion Safety. Washington, D.C: PAHO, 2009. (THR/HT/2009/01ENG).



[Document 2009 \(2.2 MB\)](#)

2007



OPS. Suministro de sangre para transfusiones en los países del Caribe y Latinoamérica en 2005: Datos Basales para el Plan Regional de Acción para Seguridad Transfusional 2006-2010. Washington, D.C: OPS, 2007. (THS/EV-2007/01 E). Anexo. OPS. Consejo Directivo. Informe sobre los progresos realizados por la Iniciativa Regional para la Seguridad Sanguínea y Plan de Acción para 2006-2010.

(208.53 KB)

2006



PAHO. National blood systems in the Caribbean and Latin American Countries: basic indicators of their status in 2004. Washington, D.C : PAHO, 2006. THS/EV-2006/002.

Document (1.5 MB) and Annex. (796.53 KB)



OPS. Recomendaciones para el diseño de un programa de desarrollo de guías de práctica clínica: uso de la sangre y sus componentes. Washington, D.C: OPS, 2006. (THS/EV-

006/001). Documento. (5.3 MB)

2005



OPS. Estándares de trabajo para servicios de sangre. Washington, D.C: OPS, 2005. (THS/EV-2005/001).

Documento (2.07 MB)



OPS. Guía para la estimación de costos de la regionalización de los bancos de sangre. Washington, D.C: OPS, 2005. (THS/EV

2005/002). Documento (4.83 MB)



OPS. Salud. Guía metodológica para investigación de aspectos socio-culturales relacionados con donación voluntaria de sangre: informe final. Washington, D.C: OPS, 2005. (THS/EV-2005/004-E).



[Documento \(14.16 MB\)](#)



PAHO. Methodological guidelines for socio-cultural studies on issues related to blood donation. Washington, D.C: PAHO, 2005. (THS/EV-2005/004-I).



[Document \(10.11 MB\)](#)



OPS. Medicina transfusional en los países del Caribe y Latinoamérica, 2000 -2003. Washington, D.C: OPS, 2005. (THS/EV-2005/005-E).



[Documento \(12.83 MB\)](#)



Bolis, Mónica - coord. Comparativo de legislaciones sobre sangre segura. Washington, D.C: OPS, 2005. (THS/EV 2005/009).



 Documento (1.14 MB)

Curso de Gestión de Calidad para Servicios de Sangre: Anexos. Contenido: Técnicas y herramientas de calidad, Glosario de definiciones OPS, Guía para la elaboración de manuales de procedimientos, Condiciones de compra relacionada con calidad, Requisitos de un programa de calidad, Ejemplo del informe sobre la capacidad de los subcontratistas o proveedores, Ejemplo de cuestionario para el

equipo de verificación de la capacidad. 

[Documento \(4.16 MB\)](#)

Manual Hagamos la diferencia (2005). Manual para marco de referencia para que el gobierno de cada país pueda desarrollar e implementar una política nacional de sangre basada en el concepto de la donación altruista, voluntaria y no remunerada, de sangre. Reclutamiento y retención de donantes de sangre voluntarios, no remunerados. Desarrollo de modelos de buenas prácticas encaminadas a mejorar el servicio para los donantes de sangre, así como para quienes prescriben y quienes reciben la transfusión.

 Documento (2.15 MB)

Documento (2.15 MB)

2003



Número especial dedicado a los bancos de sangre. Revista Panamericana de Salud Pública/Pan American Journal of Public Health Volume 13 (2-3). March 31, 2003

Artículos

Cruz, Ramiro. Componentes básicos de un sistema nacional de sangre. Traducción libre del artículo "Basic components of a national blood system", Por José Ramiro Cruz, publicado en Pan American Journal of Public Health, 13 (2/3):79-84,2003).

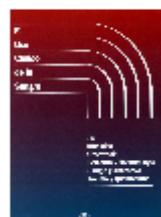
Documento (47.07 kB)

2001



OPS. Intervención de los laboratorios y bancos de sangre ante situaciones de desastres. Guía práctica desarrollada en el taller celebrado en Managua, Nicaragua el 7 de junio de 2001. Washington, D.C: OPS, septiembre 2001.

Documento (342.38 kB)

 Documento (342.38 kB)

OMS. El uso clínico de la sangre en medicina, obstetricia, pediatría y neonatología, cirugía y anestesia, trauma y quemaduras..OMS: 2001.

 Documento (3.95 MB)

OPS. Ley modelo sobre servicios de sangre

 Documento

Recomendaciones para asegurar la suficiencia y seguridad de la sangre durante campañas de vacunación con vacuna doble viral sarampión/rubéola (SR) en adultos

 Documento (17.52 kB)

Recommandations relatives à la suffisance et la sûreté du sang pendant les campagnes de vaccination par l'administration d'une double dose du vaccin viral rougeole/rubéole (RR) aux adultes.

 Document (18.06 kB)

Recommendations to ensure a safe, sufficient blood supply during campaigns to administer the

[WHO > Publications](#)

Publications

HIGHLIGHT



Malaria case management: operations manual

11 February 2010 -- This manual describes malaria programme management, planning and implementation and outlines the technical knowledge needed for case management. It is aimed at national programme managers and is intended for adaptation and use in all malaria-endemic countries, irrespective of their epidemiological and socioeconomic specificities.

[Download the publication](#)
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How to obtain WHO publications

WHO publications and documents - in multiple languages - are available for free download from the WHO Library database. Printed copies can be ordered from the WHO Bookshop, which offers discounts on orders from developing countries. The Bookshop also offers priced subscriptions to periodicals, book series and thematic packages.

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The World Health Report

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Publication on travel risks, precautions and vaccination requirements

[World Health Report](#)


Annual report on global public health and key statistics




[International Travel and Health](#)
Publication on health risks for international travellers, vaccination requirements and precautions to take.



[International Health Regulations](#)
Latest edition of the public health regulations that are legally binding on WHO Member States.



[The International Classification of Diseases](#)
The international standard diagnostic classification for epidemiological and health management purposes.



[International Pharmacopoeia](#)
Collection of quality specifications for pharmaceutical substances and dosage forms, for reference or adaptation by WHO Member States.

[Eastern Mediterranean Health Journal](#)
Published by the WHO Regional Office for the Eastern Mediterranean. Focus on policies and research in the region.

[Pan American Journal of Public Health](#)
Published by the Pan American Health Organization (PAHO) in English, Portuguese and Spanish. Contains technical and analytical papers.

[Weekly Epidemiological Record](#)
Epidemiological information on cases and outbreaks of communicable diseases.

[WHO Drug Information](#)
Quarterly journal on topics relating to medicines development and regulation.

WHO REGIONAL PUBLICATIONS

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- Social Protection in Health Schemes for Mother, Newborn and Child Populations: Lessons learned LAC
- Epidemiología de los trastornos mentales en América Latina y el Caribe
- See more...

KEY PAHO PUBLICATIONS

- Health Situation in the Americas: Basic Indicators 2009
- International Classifications of Diseases, ICD-10 (available in Spanish)
- Health in the Americas, 2007



DISASTERS AND HUMANITARIAN ASSISTANCE CATALOG



PAHO HQ LIBRARY CATALOG



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Gender, Ethnicity and Health

Governing Bodies Office

Health Surveillance and Disease Prevention and

NEWS FROM THE COUNTRIES

- Fortalecen control epidemiológico en la frontera con jornada de vacunación antirrábica
- Reunión de Balance de la Cooperación Técnica 2008-2009
- DECLARACIÓN DE LA OMS, EN RELACION CON LAS DENUNCIAS DE CONFLICTOS DE INTERESES Y LA «FALSA» PANDEMIA

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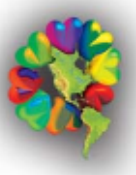
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BLOOD SERVICES

Blood Services



One of the missions of the Health Technologies for Quality of Care team of the Pan American Health Organization (PAHO) is to cooperate technically with national blood programs in the Region of the Americas to ensure that they have sufficient quantities of safe blood to provide timely transfusions to all patients who need them, thus contributing to lower mortality and optimal patient care in Latin America and the Caribbean.

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Technology, Health Care and Research Area

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Highlights (HT)

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Promotional Materials

Promotional materials associated with World Blood Donor Day.



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Present! Voluntary Blood Donor 2009

Eligibility for Blood Donation: Recommendations for Education of Prospective Blood Donors

Pan American Health Organization. Eligibility for Blood Donation: Recommendations for Education and Selection of Prospective Blood Donors. Washington, D.C.: 2009.

This document summarizes the rationale for the parameters and conditions that should be taken into consideration in the education and selection of blood donors, in the level of detail that should allow blood service staff, community volunteers and prospective blood donors to understand them.

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World Blood Donor Day TV Spots



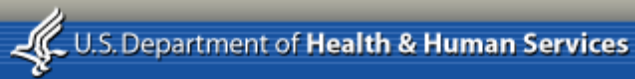
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Vaccines, Blood & Biologics

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Vaccines, Blood & Biologics

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Blood & Blood Products

Regulation of the Blood Supply

[Variances for Collection of Blood and Blood Products from Patients with Hemochromatosis](#)

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Regulation of the Blood Supply

FDA/CBER is responsible for regulatory oversight of the U.S. blood supply. FDA promulgates and enforces standards for blood collection and for the manufacturing of blood products, including both transfusable components of whole blood, pharmaceuticals derived from blood cells or plasma, and related medical devices. FDA also inspects blood establishments and monitors reports of errors, accidents and adverse clinical events. CBER works closely with other parts of the Public Health Service (PHS) to establish blood standards, and to identify and respond to potential threats to blood safety or supply.

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- [Keeping Blood Transfusions Safe: FDA's Multi-layered Protections for Donated Blood](#)
- [Variances for Collection of Blood and Blood Products from Patients with Hemochromatosis](#)
- [Exceptions and Alternative Procedures Approved Under 21 CFR 640.120](#)
- [Review Checklist](#)

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Office of Communication, Outreach and Development
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Vaccines, Blood & Biologics

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Blood & Blood Products

Search Biologics

The Center for Biologics Evaluation and Research (CBER) regulates the collection of blood and blood components used for transfusion or for the manufacture of pharmaceuticals derived from blood and blood components, such as clotting factors, and establishes standards for the products themselves. CBER also regulates related products such as cell separation devices, blood collection containers and HIV screening tests that are used to prepare blood products or to ensure the safety of the blood supply. CBER develops and enforces quality standards, inspects blood establishments and monitors reports of errors, accidents and adverse clinical events.

CBER works closely with other parts of the Public Health Service (PHS) to identify and respond to potential threats to blood safety, to develop safety and technical standards, to monitor blood supplies and to help industry promote an adequate supply of blood and blood products.

Over a period of years, FDA has progressively strengthened the overlapping safeguards that protect patients from unsuitable blood and blood products:

- Blood donors are now asked specific and very direct questions about risk factors that could indicate possible infection with a transmissible disease. This "up-front"

Recalls & Alerts

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Blood Guidance Documents

- [Guidance for Industry: An Acceptable Circular of Information for the Use of Human Blood and Blood Components, October 2009 \(PDF - 858KB\)](#)
10/2009, Updated: 12/2009
- [Draft Guidance for Industry: Recommendations for the Assessment of Blood Donor Suitability, Blood Product Safety, and Preservation of the Blood Supply in Response to Pandemic \(H1N1\) 2009 Virus \(PDF - 80KB\)](#)
11/13/2009
- [Guidance for Industry: Use of Nucleic Acid Tests to Reduce the Risk of Transmission of West Nile Virus from Donors of Whole Blood and Blood Components Intended for Transfusion \(PDF - 68KB\)](#)
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 Rockville, MD 20852-1448

11/6/2009

- [Draft Guidance for Industry and FDA Staff - Investigational New Drug Applications \(INDs\) for Minimally Manipulated, Unrelated Allogeneic Placental/Umbilical Cord Blood Intended for Hematopoietic Reconstitution for Specified Indications \(PDF - 91KB\)](#)
10/2009
- [Guidance for Industry - Minimally Manipulated, Unrelated Allogeneic Placental/Umbilical Cord Blood Intended for Hematopoietic Reconstitution for Specified Indications \(PDF - 462KB\)](#)
10/2009
- [Guidance for Industry - Recommendations for Management of Donors at Increased Risk for Human Immunodeficiency Virus Type 1 \(HIV-1\) Group O Infection](#)
8/2009
- [Guidance for Industry: Nucleic Acid Testing \(NAT\) to Reduce the Possible Risk of Parvovirus B19 Transmission by Plasma-Derived Products](#)
7/28/2009
- [Draft Guidance for Industry: Use of Serological Tests to Reduce the Risk of Transmission of Trypanosoma cruzi Infection in Whole Blood and Blood Components for Transfusion and Human Cells, Tissues, and Cellular and Tissue-Based Products](#)
3/2009
- [Assay Migration Studies for In Vitro Diagnostic Devices](#)
1/5/2009
- [Guidance for Industry: Safety, Efficacy, and Pharmacokinetic Studies to Support Marketing of Immune Globulin Intravenous \(Human\) as Replacement Therapy for Primary Humoral Immunodeficiency](#)
7/17/2008

7/17/2008

- [Draft Guidance for Industry: Requalification Method for Reentry of Blood Donors Deferred Because of Reactive Test Results for Antibody to Hepatitis B Core Antigen \(Anti-HBc\)](#)

5/20/2008

- [Draft Guidance for Industry: Use of Nucleic Acid Tests to Reduce the Risk of Transmission of West Nile Virus from Donors of Whole Blood and Blood Components Intended for Transfusion and Donors of Human Cells, Tissues, and Cellular and Tissue-Based Products \(HCT/Ps\)](#)

4/25/2008

- [Guidance for Industry and FDA Review Staff: Collection of Platelets by Automated Methods](#)

12/17/2007

- [Guidance for Industry and FDA Staff: Class II Special Controls Guidance Document: Automated Blood Cell Separator Device Operating by Centrifugal or Filtration Separation Principle](#)

11/29/2007

- [Guidance for Industry: Adequate and Appropriate Donor Screening Tests for Hepatitis B; Hepatitis B Surface Antigen \(HBsAg\) Assays Used to Test Donors of Whole Blood and Blood Components, Including Source Plasma and Source Leukocytes](#)

11/21/2007

- [Draft Guidance for Industry: Blood Establishment Computer System Validation in the User's Facility](#)

10/26/2007

- [Guidance for Industry: "Lookback" for Hepatitis C Virus \(HCV\): Product Quarantine, Consignee Notification, Further Testing, Product Disposition, and Notification of Transfusion Recipients Based on Donor Test Results Indicating Infection with HCV](#)

8/24/2007



Info for Professionals

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- [Reference Materials](#)
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- [Professional Links](#)

REFERENCE MATERIALS

DSM Transfusion Medicine

ISBT Resources

DSM Resources

- Memo - DSM Standardized Lab Logs, May 8, 2009
- Policy 160-10-02 ISBT 128 Labels V1
- Policy 160-10-03 CBS Winnipeg Packing Slips V1

CBS Resources

- ISBT 128 Label - Visual Reference
- Before and After End Labelling Visual Reference
- CBS ISBT 128 Presentation
- ISBT Fast Facts

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http://www.dsmanitoba.ca/professionals/transfusion/index.html

Diagnostic Services Of Manito...

- [ISBT 128 Information Presentation - Hospital Transfusion Service Perspective](#)
- [Video Arch CBS ISBT 128 Information Presentation](#)

Manuals

- [AABB Technical Manual Editions 1-16 & Standards for Blood Banks and Transfusion Services Editions 1-26](#)
- [Manitoba Transfusion Quality Manual for Blood Banks - June 2007](#)
- [Manitoba Transfusion Medicine Best Practice Resource Manual for Nursing - June 2007](#)
- [Manitoba Transfusion Medicine Best Practice Study Guide and Teaching Tool 2007](#)

Transfusion Reaction Investigations

- [A Guidebook entitled 'A Guide for Completing the Transfusion Reaction Investigation Form CM105' June 2007 Version 2](#)
- [Transfusion Reactions Algorithm](#)

Manitoba Adverse Transfusion Reaction Reporting System Processes

- [Process A \(CBS is the Blood Transfusion Service\)](#)
- [Process B \(DSM Blood Transfusion Service is the Crossmatch Lab - applicable for Westman, Dauphin, Swan River, Flin Flon, The Pas and Thompson only\)](#)
- [Process C \(For use in reporting Transfusion Reactions for Derivatives\)](#)

Guidelines for Pre and Post Natal Testing and Administration of Rh Immune Globulin (Win Rho SDF™)

- [Rh Pre and Post Natal Guidelines](#)
- [Rh Pre and Post Natal Sample Report](#)
- [Rh Pre and Post Natal Rejected Report](#)
- [Rh Pre and Post Natal Requisition](#)

CBS Buffy Coat Component Production Methodology: Manitoba Implementation November 2008

- [Hospital and Laboratory Readiness Checklist \(includes contact information\)](#)

TECHNICAL MANUAL

12TH - 16TH EDITIONS

STANDARDS

1ST - 26TH EDITIONS

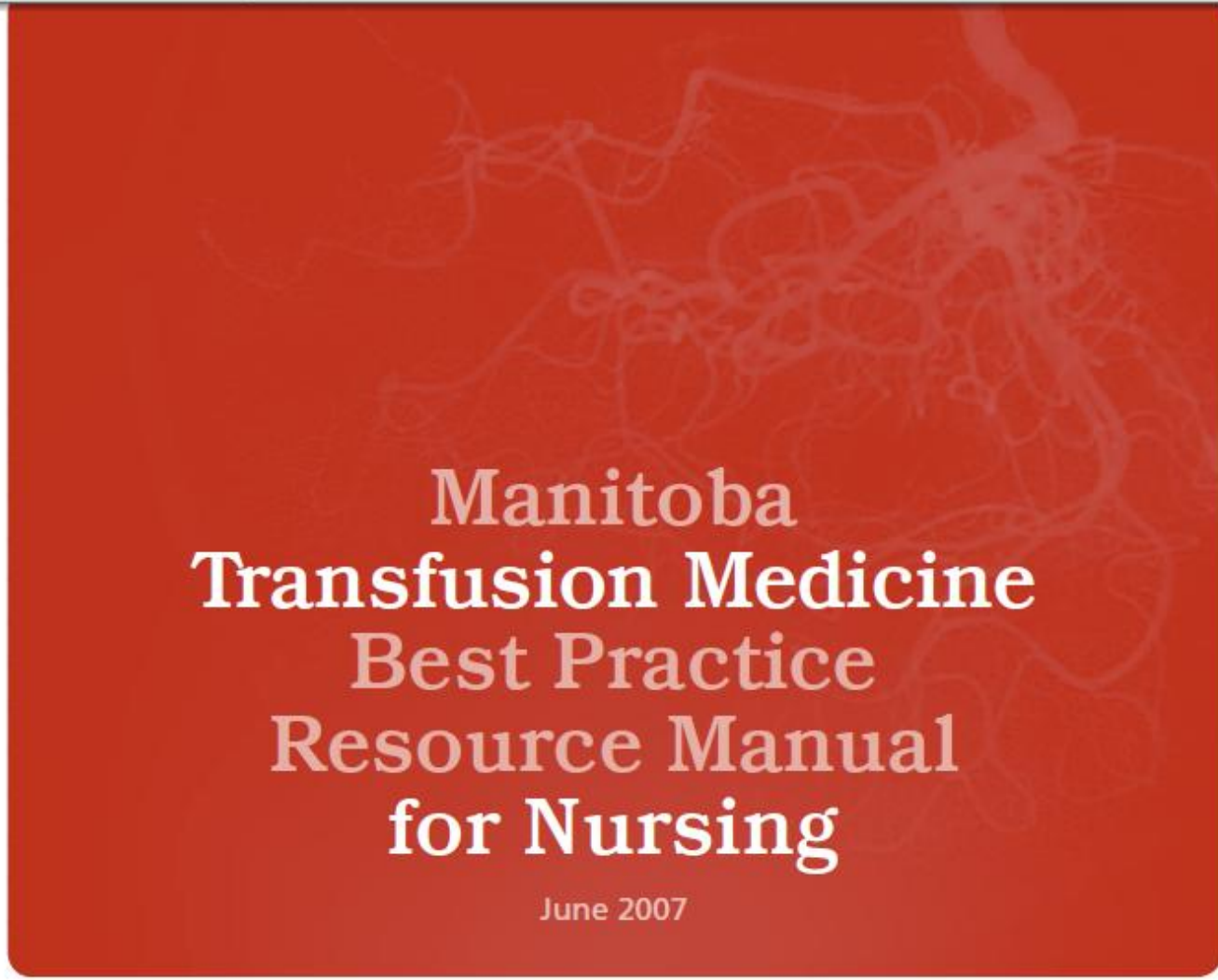


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Guidelines

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- Guideline MB 2:** Treatment Orders for Blood, Blood Components and Derivatives
- Guideline MB 3:** Patient Identification and Specimen Procurement
- Guideline MB 4:** Issuing, Returning and Documenting the Final Disposition of Blood, Blood Components and Derivatives
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- Guideline MB 6:** Transport of Blood, Blood Components and Derivatives (Within a Facility)
- Guideline MB 7:** Patient Identification Prior to Initiation of Transfusion/Infusion of Blood, Blood Components and Derivatives
- Guideline MB 8:** Initiation and Termination of Transfusion/Infusion of Blood, Blood Components and Derivatives
- Guideline MB 9:** Patient Monitoring during the Transfusion/Infusion Procedure
- Guideline MB 10:** Identification and Management of a Transfusion Reaction
- Guideline MB 11:** Inter-facility Shipping of Blood, Blood Components and Derivatives
- Guideline MB 12:** Receiving Blood, Blood Components and Derivatives
- Guideline MB 13:** Storage Equipment Standards: Blood, Blood Components and Derivatives
- Guideline MB 13A:** Temperature Monitoring: Blood, Blood Component and Derivative Storage Equipment
- Guideline MB 13B:** Alarm System Check: Blood, Blood Component and Derivative Storage Equipment



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(Under development by Diagnostic Services of Manitoba)

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UK Blood Transfusion & Tissue Transplantation Services

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- + Whole Blood and Components Donors
- + Bone Marrow Donor Guidelines
- + Cord Blood Donor Guidelines
- + Deceased Donors of Tissue
- + Live Donors of Tissue

diary
of educational events

dictionary
of transfusion terminology

latest updates
to this site

- This site provides guidance on transfusion and tissue transplantation in the UK.
- For information on selecting donors, go to [Donor Selection Guidelines](#)
 - For information on preparing, testing and storing blood and tissue products go to [Guidelines for the Blood Transfusion Services in the UK \(Red Book\)](#)
 - For information on the clinical use of blood, go to [Transfusion Handbook](#)



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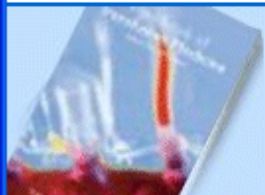


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Transfusion Handbook

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www.cdc.gov/nhsn/bio.html

[CDC - Groups in Biovigilance training - NHSN](#)

Slides: **Biovigilance** Component. Groups in **Biovigilance**. On This Page. ... Slideset: Groups in **Biovigilance** Training PDF (525 KB / 25 slides). Corresponding materials ...
www.cdc.gov/nhsn/wc_5_Biovig_groups.html
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Biovigilance Component

The Biovigilance Component of the National Healthcare Safety Network is a public/private collaboration between CDC and the transfusion and transplant communities. Biovigilance includes collection of adverse event data to improve outcomes in the use of blood products, organs, tissues, and cellular therapies.

The **Hemovigilance Module** is the first part of the new Biovigilance Component to be developed in NHSN. The result of a unique public-private partnership between CDC and subject matter experts convened by AABB, this module is designed for staff in healthcare facility transfusion services to track adverse events, including recipient adverse reactions and quality control incidents, related to blood transfusion. Adverse reactions and incidents related to blood transfusion that occur in healthcare can be reported by participating facilities now that standard definitions and criteria for categorizing and reporting adverse reactions and incidents have been developed. Participating facilities will be able to analyze their own data, and, where appropriate, independently compare their data with national aggregate rates in a confidential manner through NHSN.

The NHSN Hemovigilance Module Protocol and Tables of Instructions are provided for your information. This module is being piloted in nine facilities across the United States. Open enrollment for all facilities is planned soon. See topics: [About NHSN](#) and [NHSN Enrollment for](#)

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Protocol

 [NHSN Manual: Biovigilance Component Protocol Hemovigilance Module Guidelines and procedures for monitoring hemovigilance. March 2009.](#)
PDF (523 KB / 32 pages)

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Forms

 [57.300 Hemovigilance Survey](#)
PDF (207 KB / 5 pages)

 [57.301 Hemovigilance Module Reporting Plan](#)
PDF (51 KB / 1 pages)

 [57.302 Hemovigilance Module Incidents Reporting Summary Data](#)
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 [57.303 Hemovigilance Monthly Denominator](#)
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 [Hemovigilance Module Tables of Instructions](#)
Biovigilance Component Tables of Instructions, February 2010
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- Data & Statistics
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Slides: Biovigilance Component

Hemovigilance Module: Introduction to Analysis

Summary

This session describes the processes for accessing hemovigilance data for analysis in NHSN. We will demonstrate how to generate datasets, describe different output options available, show how to generate output, ways to modify or customize output, and how to export data from NHSN to other software.

Audience: This training is intended for persons who will be generating and analyzing data in the Hemovigilance Module and have user rights set up so that they may do so. This includes supervisors or managers in Transfusion Services and/or other persons within your facility who require information about events reported in NHSN. Users should have administrative rights, all rights, or analysis rights in order to perform the tasks described in this session.


Slideset:

 [Introduction to Analysis](#) PDF (1,075 KB / 45 slides)

Corresponding materials:

 [NHSN Manual: Hemovigilance Module](#) PDF (523 KB / 32 pages)




 [Hemovigilance Module Tables of Instructions](#) PDF (279 KB / 19 pages)

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TEMA	FECHA	LUGAR
Terapia Transfusional en Obstetricia y Neonatología	Viernes 8 de mayo de 2009.	Clínica Cafam Calle 51
Reacciones adversas a la transfusión	Miércoles 20 de mayo de 2009.	Clínica Diosalud
Soporte Transfusional en pacientes con anemia hemolítica autoinmune	Mayo	Hospital de Kennedy ESE
Reacciones adversas a la transfusión	8 de Julio	Clínica Palermo
Soporte transfusional en neonatología	8 de Julio	Clínica Maternoinfantil Calle 94 Saludcoop
Soporte transfusional en gineco-obstetricia	10 de Julio	Hospital Universitario Mayor Méderi
Uso clínico de la sangre y los componentes sanguíneos	7 de Julio	Clínica Universitaria San Rafael
Reacciones adversas a la transfusión y aspectos legales de la transfusión sanguínea	14 de Julio	Clínica Universitaria San Rafael



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Algoritmo para reacciones adversas a la transfusión	30 de julio	Clínica Colsanitas Clínica Universitaria Colombia
Eventos de interés en bancos de sangre: epidemiología, clínica y pruebas de laboratorio: Hepatitis B, Hepatitis C, sífilis, Chagas, HTLV I-II, VIH	2 de septiembre	Fundación hematológica Colombia Fuheco
Algoritmo para reacciones adversas a la transfusión	14 de septiembre	Hospital Universitario Infantil San José
Reacciones adversas a la donación	14 de agosto	Fundación Kalai
Investigación ITT	30 de julio	Clínica Colsanitas Clínica Universitaria Colombia
Reacciones adversas a la transfusión	30 de septiembre	Clínica Santa Bibiana

Asesoría técnica	Septiembre	Hospital de La Victoria ESE
Asesoría técnica	16 de septiembre	Hospital Simón Bolívar ESE
Asesoría técnica	21 de Octubre	Hospital de La Samaritana ESE
Reacciones adversas a la Transfusión	23 de Octubre	Hospital de La Samaritana ESE
Reacciones adversas a la transfusión: diagnóstico, manejo y reporte de caso	5 de noviembre	Hospital Universitario Mayor Méderi
Elegibilidad para la donación de sangre: Guías de la Organización Panamericana de la Salud	6 de noviembre	Banco Nacional de Sangre Cruz Roja Colombiana
Reacciones adversas a la transfusión: diagnóstico, manejo y reporte de caso	11 de noviembre	Hospital de La Victoria ESE
Reacciones Adversas a la donación de sangre: detección, manejo y reporte de caso.	5 de febrero 2010	Hemocentro Distrital

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