



**IMDRF**  
International Medical Device  
Regulators Forum

**EU2023**  
EUROPEAN UNION  
*Chair*



European  
Commission



European  
Union

15:25 – 16:55

# Stakeholders Session





**IMDRF**  
International Medical Device  
Regulators Forum

**EU2023**  
EUROPEAN UNION  
*Chair*

15:25 – 15:40

# African Medical Devices Forum (AMDF)



**Dimakatso Mathibe**

Vice Chair, African Medical Devices Forum (AMDF)





African Union Development Agency (AUDA-NEPAD)



TRANSFORMING AFRICA



World Health  
Organization

# African Medical Devices Forum

## International Medical Device Regulators Forum **Stakeholder Open Forum**

Dimakatso Mathibe  
AMDF Vice-chair/SAPHRA SA

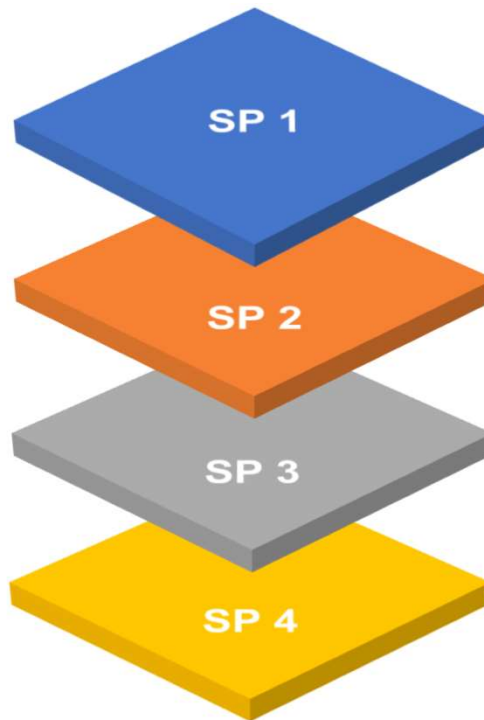
Brussels, Belgium  
27 March 2023

# AMDF Workplan 2023

Advance and promote African continent harmonization, mutual recognition, and reliance of medical devices regulations in Africa.



Advance the sensitization, adoption and roll out of AMDF strategic priorities across member states, partners, and stakeholders

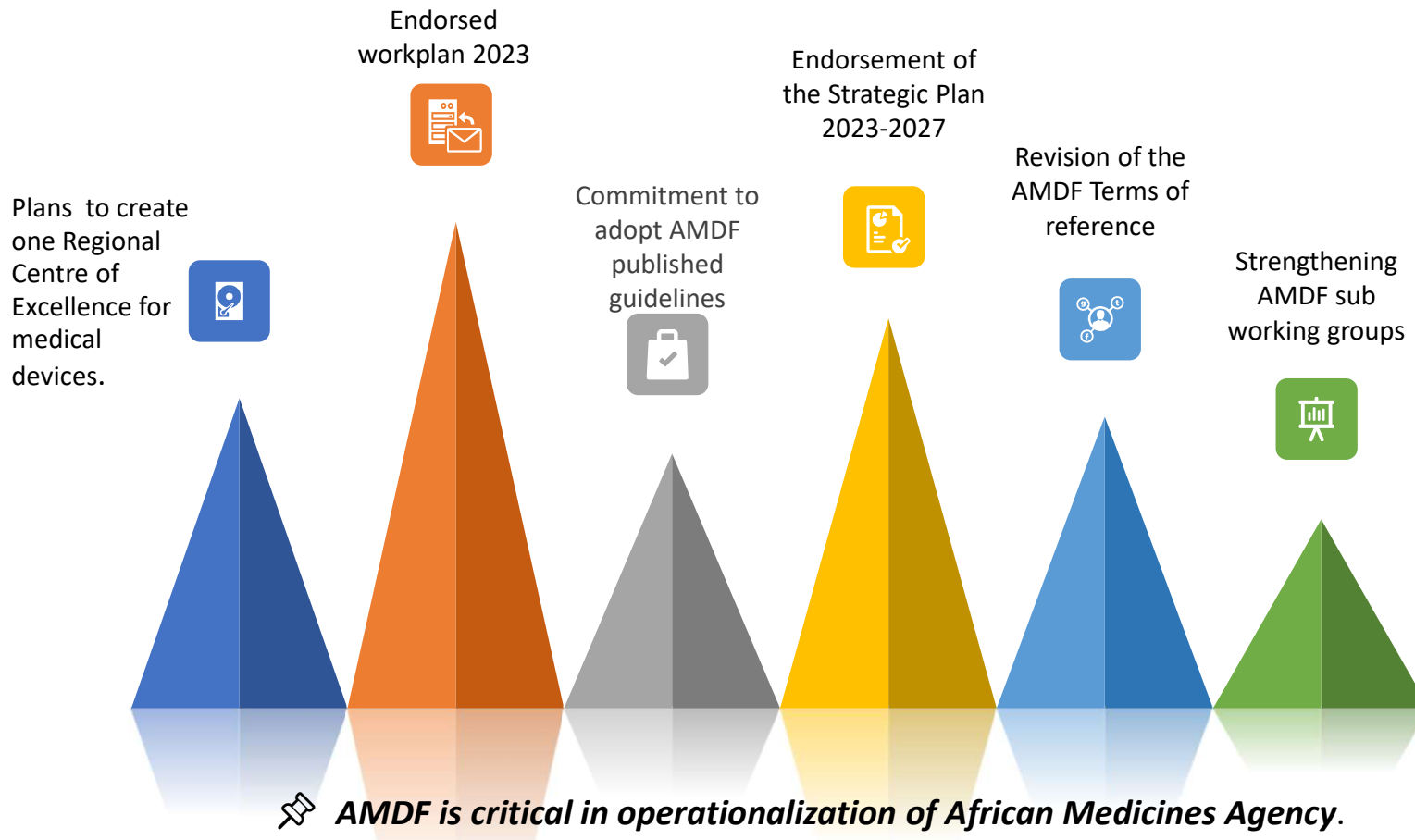


Encourage innovation in medical devices including in-vitro diagnostics on the continent through local production of quality-assured essential medical devices and in-vitro diagnostics as sustainable path in ensuring self-reliance



Continue to build technical capacity of national regulatory agencies in medical devices and IVDs regulatory frameworks, guidelines, and quality management systems

# AMDF Technical Committee meeting in Accra, Ghana 6-7 December during AMRH week



# Planned output 2023



**Based on AMDF Strategic Plan  
2023 - 2027**

## Partner/Stakeholder support to AMDF

- 📌 AMDF is a key asset in the development of technical expertise for the AMA.
- 📌 Partners - WHO, MTaPS, FIND, ASLM, MDRC, USP - confirmed support for the strategic priorities of AMDF.
- 📌 Partnerships are being explored specifically with mature NRAs.
- 📌 Participation and alignment with global harmonization initiatives e.g. GHWP



**Thank you!**

African Medical Devices Forum





**IMDRF**  
International Medical Device  
Regulators Forum

**EU2023**  
EUROPEAN UNION  
*Chair*

15:55 – 16:10

# Global Harmonization Working Party (GHWP)



**Xu Jinghe**

Deputy Commissioner National Medical Products Administration  
(NMPA)

Chair, Global Harmonization Working Party (GHWP)





**IMDRF**  
International Medical Device  
Regulators Forum

**EU2023**  
EUROPEAN UNION  
*Chair*

15:55 – 16:10

# Asia-Pacific Economic Cooperation (APEC)



**Cheng-Ning Wu**

Senior Technical Specialist, Division of Medical Devices  
and Cosmetics, Taiwan Food and Drug Administration



# Update on Medical Device PWA of RHSC

**APEC Co-Champion Economies:**

Japan – MHLW/PMDA

South Korea – MFDS

USA – FDA



## Priority Work Areas (PWAs)

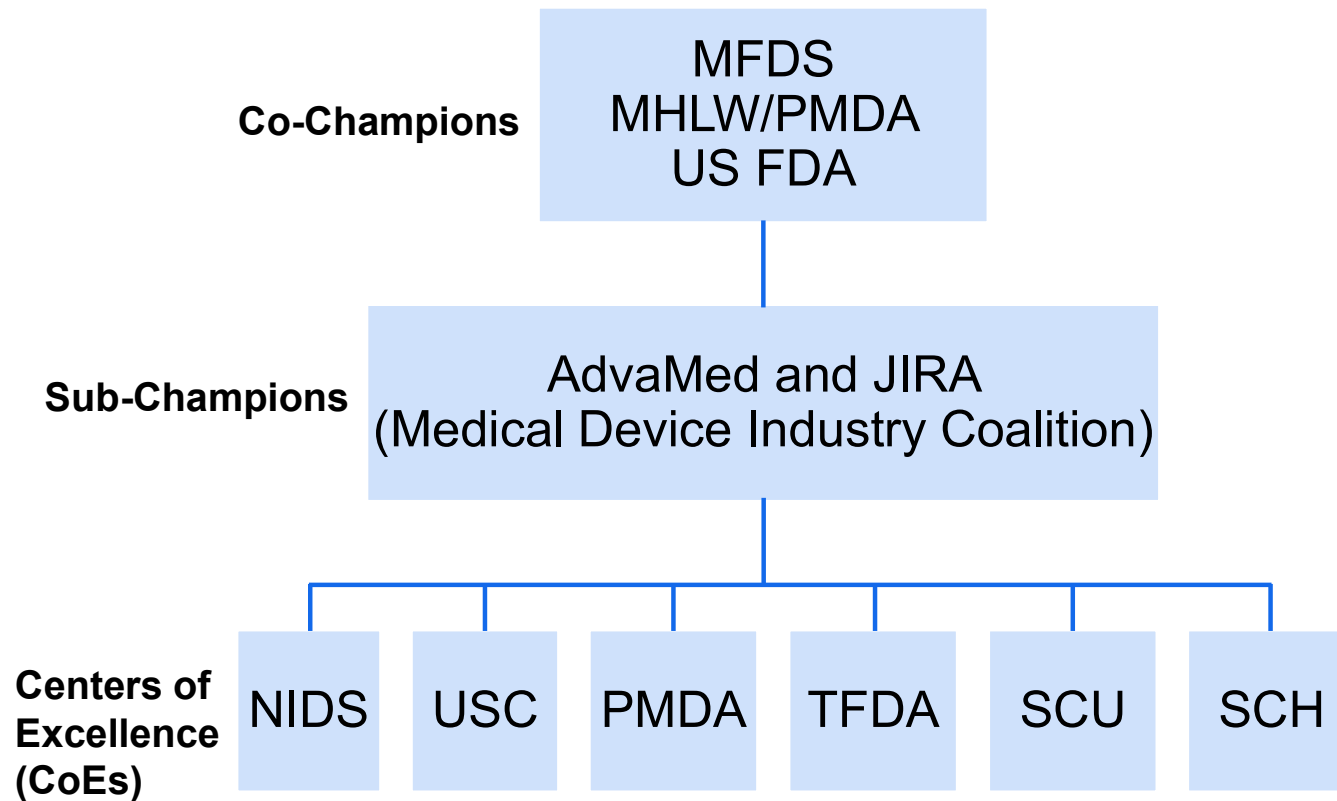
- Multi-Regional Clinical Trials and Good Clinical Practice Inspection (Japan, Thailand)
- Pharmacovigilance (Korea)
- Biotherapeutic Products (Current PWA Management: US, BIO)
- Advanced Therapy Products (Singapore, US)
- Good Registration Management (Chinese Taipei, Japan)
- Global Supply Chain Integrity (US)
- **Medical Device** (Japan, Korea, US)

# Medical Device PWA

## Goals of PWA:

- Promote international harmonization initiatives (i.e., GHTF/IMDRF guidance documents)
- Build regulatory capacity and knowledge
- Support harmonized implementation efforts among APEC economies

# Medical Device PWA Structure



# Medical Device PWA Roadmap

- Promotes regulatory convergence for medical device regulatory systems
- Focuses on training and education efforts related to topics across the Total Product Life Cycle (TPLC) of medical devices:
  - Premarket
  - Postmarket
  - Quality Management System (QMS)

## PWA Core Curriculum

- Annex to the PWA roadmap
- “Reference library” of harmonized guidance documents on TPLC topics
- Medical Device PWA includes specified GHTF/IMDRF documents
- Both medical devices and in vitro diagnostic (IVD) medical devices are inclusive
- Co-Champions continuously update Core Curriculum with intersessional approval



## CoE Programs Held in 2022 since Last Open Forum

CoE	Economy	Program	Format	Date
SCH	Korea	2022 SCH APEC Medical Device CoE Training	In-Person & Virtual	Nov. 7 - 8 & Nov. 9 - 23
PMDA	Japan	APEC Center of Excellence Workshop: PMDA-ATC Medical Devices Workshop 2022 - Explanation of / Insight into the IMDRF Documents	Virtual	Nov. 14 - 16
SCU	China	2022 APEC Center of Excellence Training of the Review and Supervision of Implant Medical Devices	Virtual	Dec. 12 - 15

## CoE Programs Planned for 2023

CoE	Economy	Planned Program	Format	Date
TFDA	Chinese Taipei	2023 APEC Medical Devices Regulatory Science CoE Workshop	In-Person & Virtual	Sept. 5 - 7
PMDA	Japan	APEC Center of Excellence Workshop: PMDA-ATC Medical Devices Workshop 2023	Virtual	Nov. 14-16
USC	United States	(CoE workshop)	In-person	Tentative (May)
SCH	Korea	(CoE workshop)	In-Person & Virtual	Tentative (Oct or Nov)
NEU	United States	(Pilot CoE workshop)	TBC	TBC

## Next Steps

- Terms of Reference of APEC LSIF expired at the end of March 2022.
- RHSC is actively seeking a suitable home under APEC to continue regulatory convergence and cooperation efforts for medical products.
- A face-to-face meeting in Oakland, California, on 13-14 April 2023 will review the current work and strategize on the future of RHSC.
- Work is to be continued into 2023 in accordance with Vision 2030 and Strategic Framework.



**Asia-Pacific  
Economic Cooperation**

# Thank you

---

**Disclaimer**

This document was produced by the International Medical Device Regulators Forum. There are no restrictions on the reproduction or use of this document; however, incorporation of this document, in part or in whole, into another document, or its translation into languages other than English, does not convey or represent an endorsement of any kind by the International Medical Device Regulators Forum.

Copyright 2023 by the International Medical Device Regulators Forum.



**IMDRF**  
International Medical Device  
Regulators Forum

**EU2023**  
EUROPEAN UNION  
*Chair*

16:10 – 16:25

# Pan American Health Organization (PAHO)



## Alexandre Lemgruber

Regional Advisor, Health Technologies, Pan American  
Health Organization (PAHO)





**IMDRF** International Medical Device  
Regulators Forum

# Update from the Pan American Health Organization

Alexandre Lemgruber

Regional Advisor, Health Technology Management

28 March 2023

# Overview

## **1. Regional Working Group on Medical Devices Regulation**

Regional Meeting

Collaboration with IMDRF

REDMA Program

Assistive Products (AP)

Advances in the Regulation of Medical Devices in Colombia

Advances in the Regulation of Medical Devices in Cuba

## **2. Policy to Strengthen National Regulatory Systems for medicines and other health technologies**

## **3. Substandard and Falsified Medical Devices**

## **4. In Vitro Diagnostics (IVDs)**

# REGIONAL WORKING GROUP ON MEDICAL DEVICES REGULATION

## Regional Meeting

The *XI Meeting of Regulatory Authorities for the Strengthening of the Regulatory Capacity of Medical Devices in the Americas* will be held in October 2023 in El Salvador

## Collaboration with IMDRF

### IMDRF Working Groups

The participation of the members of the Regional Working Group is encouraged

- Customized medical devices (ANMAT, Argentina)
- Artificial Intelligence (ANMAT, Argentina)
- Good Regulatory Review Practices (INVIMA, Colombia)



# REGIONAL WORKING GROUP ON MEDICAL DEVICES REGULATION

## Translations

- 12 IMDRF technical documents **published in Spanish**
- 3 IMDRF technical documents **published in Portuguese**
- 6 IMDRF technical documents in **technical review**

Collaboration  
with IMDRF



## Dissemination of IMDRF technical documents

In collaboration with NRA of the Region, organization of webinars to share the content of the IMDRF technical documents translated into Spanish.

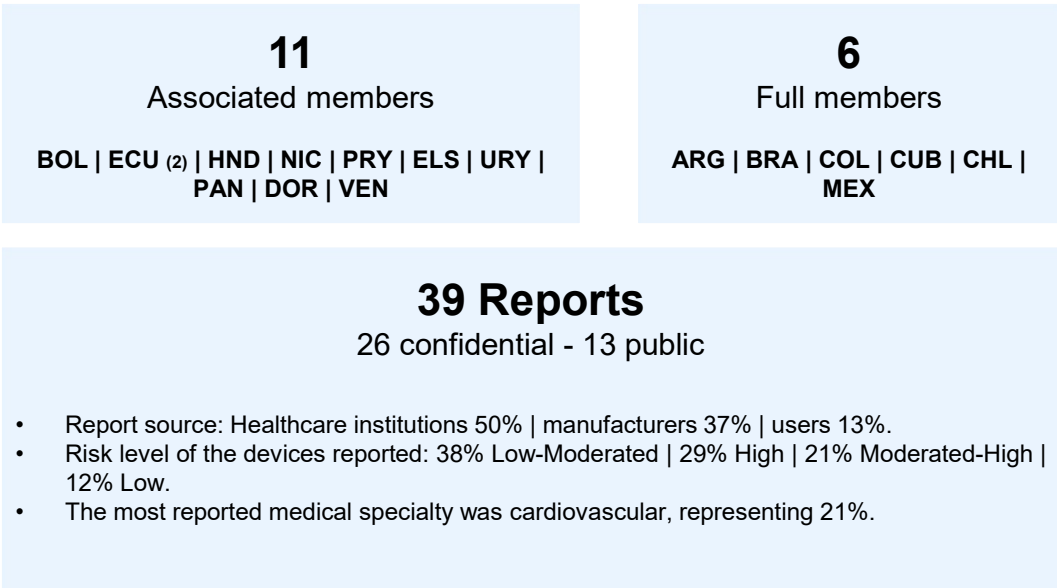
Document	NRA	Date	Attendance
Clinical Evidence - Key Definitions and Concepts <i>Evidencia Clínica.</i> <i>Principales definiciones y conceptos</i>	INVIMA	16 December 2022	<b>121</b> participants <b>19</b> countries
<b>FIRST WEBINAR</b>			

# REGIONAL WORKING GROUP ON MEDICAL DEVICES REGULATION

**Program to Exchange  
Adverse Event  
Reports For Medical  
Devices In The  
Americas  
(REDMA Program)**

## OBJECTIVES

- To exchange reports of adverse events or incidents from medical devices between the National Regulatory Authorities of the Americas Region
- To promote the development of vigilance systems



# REGIONAL WORKING GROUP ON MEDICAL DEVICES REGULATION

## Regulation of Assistive Products (AP) in the Americas

### Main components

Assessment of the regulatory situation of Assistive Products in the Region



### Activities

#### Indicators on AP

- Completed desk research. Looking to validate results with Member States

Regulation of Assistive Products course



#### To be develop this year

- Strengthening regulation of AP will be included in national rehabilitation and AT strategic plans of selected countries

Development of National Lists of Priority Assistive Products



#### Indicators on AP

- Based on WHO APL second version and
- National context and local priorities
- To focus regulatory and quality assurance efforts in these AP

# REGIONAL WORKING GROUP ON MEDICAL DEVICES REGULATION

## Regulation of Assistive Products (AP) in the Americas

- Virtual Course: Introduction of Assistive Technology in the Americas

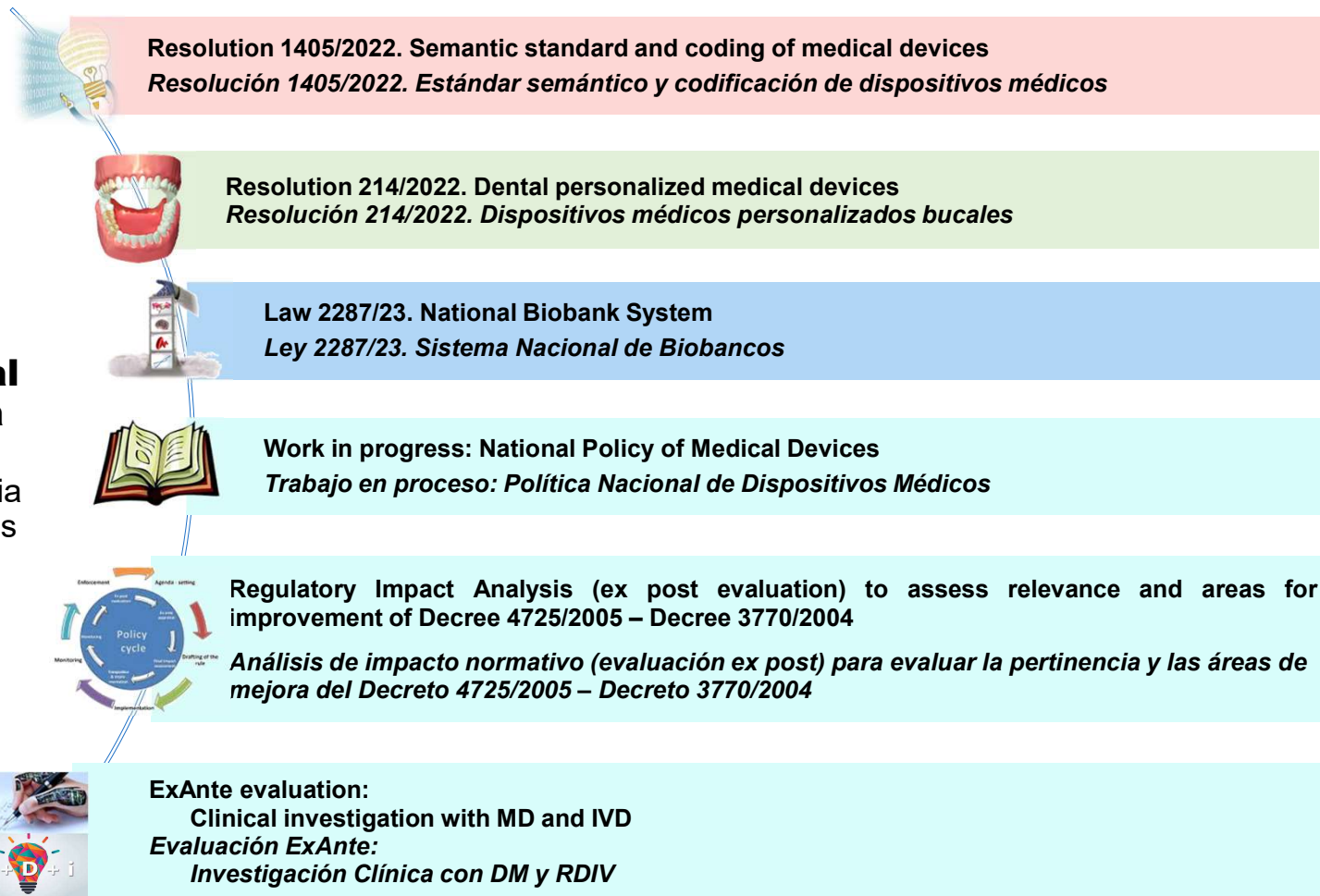


- 1529 participants, 28 countries
  - 809 certified professionals
- Topic on strengthening regulation of AP is included
  - English version coming soon
- **Join today and start improving access to AT!**

# REGIONAL WORKING GROUP ON MEDICAL DEVICES REGULATION

## Advances in the Regulation of Medical Devices in Colombia

Instituto Nacional de Vigilancia de Medicamentos y Alimentos (INVIMA)



# REGIONAL WORKING GROUP ON MEDICAL DEVICES REGULATION

## Advances in the Regulation of Medical Devices in Cuba

Centro para el Control Estatal de Medicamentos, Equipos y Dispositivos Médicos (CECMED)

<b>Regulation E106-22</b>	Approved requirements for regulatory control of Diagnostic Ultrasound Systems
<b>Resolution 181/22</b>	Concentrated solutions for dialysis and components for their preparation, now regulated as medical devices
<b>Regulation E102-22</b>	Updated list of recognized standards to demonstrate compliance with essential principles
<b>Regulation E103-22</b>	Updated guideline for IVDs
<b>Implementation of procedures for regulatory monitoring of processes related to domestically produced medical devices</b>	
<b>Expedited registration granted for more than 30 medical devices, including IVDs</b>	
<b>Redesignation as WHOCC the for Regulation of Health Technologies (2022-2026)</b>	
<b>Engagement in WHO activities</b>	GMRF and HEARTS Initiative
<b>Publications</b>	<ul style="list-style-type: none"> <li>• Contribution from Cuba to the regional strengthening of Medical Devices Regulation. PAHO, 120 years with Cuba (available in Spanish).</li> <li>• Overview of the regulatory requirements for medical devices, including in vitro diagnostics medical devices, in Cuba. Journal of Medical Devices Regulation</li> </ul>

# CSP30/11 POLICY TO STRENGTHEN NATIONAL REGULATORY SYSTEMS FOR MEDICINES AND OTHER HEALTH TECHNOLOGIES

## STEPS UNTIL ADOPTION:

- Consultation sessions with Member States;
- PAHO internal review process;
- Edition and publication in all official languages;
- Executive Committee reviewed the Policy and adopted the proposed Resolution

The Policy was adopted at the  
**30th Pan American Sanitary  
Conference on 29 September 2022**

## OBJECTIVE

Promote **efficient regulatory systems** in **all Member States**, tailored to the needs of their health systems, with a maturity level of 3 or higher in order **to ensure the quality, safety, and efficacy of health technologies**, in keeping with PAHO/WHO recommendations

In addition, where national policies are in place and the context permits, regulatory systems can help **foster the production of health technologies** that promote equitable access, health and well-being, and economic and social development.

## **CSP30/11 POLICY TO STRENGTHEN NATIONAL REGULATORY SYSTEMS FOR MEDICINES AND OTHER HEALTH TECHNOLOGIES**



Adopt sustainable State policies to strengthen the governance and stewardship of regulatory systems



Promote the strengthening of regulatory systems to ensure consistent, transparent processes based on regulatory science



Strengthening regulatory harmonization and convergence



Adopt new evaluation systems based on the WHO Global Benchmarking Tool (GBT) and related mechanisms



## **CSP30/11 POLICY TO STRENGTHEN NATIONAL REGULATORY SYSTEMS FOR MEDICINES AND OTHER HEALTH TECHNOLOGIES**

The policy urges the Member States, in keeping with their contexts and needs, to:

...

*h) promote harmonization and regulatory convergence through participation in PANDRH and the international harmonization mechanisms recommended by the Pan American Health Organization (PAHO) and World Health Organization (WHO) as sources of regulatory standards and good practices, including mechanisms such as the International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use (ICH), the **International Medical Device Regulators Forum (IMDRF)**, and the Pharmaceutical Inspection Co-operation Scheme (PIC/S);*

...

# IN VITRO DIAGNOSTICS (IVDs)

## 1. Quality Assurance

### ➤ Development of eligibility criteria for non-WHO PQ IVDs

- ✓ The IVD has been granted a market authorization by one of the following National Regulatory Authorities (NRAs): Stringent Regulatory Authorities recognized by WHO in the *Abridged Prequalification Assessment: Prequalification of In Vitro Diagnostics* and Regional National Regulatory Authorities currently members of the **International Medical Device Regulators Forum (IMDRF)**
- ✓ The product is being commercialized in the country where the market authorization was granted

### ➤ QA for non-WHO PQ IVDs to respond to the needs of PAHO's Member States (for example: IVDs for chagas, leishmaniasis, etc)

## **IN VITRO DIAGNOSTICS (IVDs)**

### **2. Webinars**

More than 500 participants from over 25 countries attended the following webinars:

- WHO Essential Diagnostic List (EDL)
- Performance evaluation of In Vitro Diagnostics: Experience of the laboratories in the Region of the Americas
- Workshop on WHO prequalification of IVDs
- Workshop on WHO Emergency Use Listing for IVDs


### **3. Dissemination of WHO guidance documents**

- Spanish and Portuguese translation of the document “Selection of Essential In Vitro Diagnostics at Country Level: Using the WHO Model List of Essential In Vitro Diagnostics to develop and update a national list of essential in vitro diagnostics”.

## SUBSTANDARD AND FALSIFIED (SF) MEDICAL DEVICES

### 1. Mapping of NRAs in the Region of the Americas

Review of **19** NRA websites:

- ✓ Legal provisions establishing the responsibility of NRAs to monitor SF MD were found in **11 countries**
-  Different terms and definitions were identified, for example: substandard, falsified, counterfeiting, quality failure, technical complaint, fraud, adulteration, alteration, product out of specification, illegitimate product, etc. (terms translated from Spanish and Portuguese)

### 2. Development of an operational regional framework to monitor SF Medical Devices in the Region of the Americas

- ✓ Coordination with WHO on SF medical devices activities:
  - Elaboration of a **mini survey** on activities related to SF medical devices to be sent to the NRAs in the Americas
  - Preparation of a **webinar on SF Medical Devices** to present the activities carried out by WHO and exchange experiences between NRA in the Americas

# Thank you!

**Alexandre Lemgruber**  
lemgruba@paho.org

---

**Disclaimer**

This document was produced by the International Medical Device Regulators Forum. There are no restrictions on the reproduction or use of this document; however, incorporation of this document, in part or in whole, into another document, or its translation into languages other than English, does not convey or represent an endorsement of any kind by the International Medical Device Regulators Forum.

Copyright 2021 by the International Medical Device Regulators Forum.



**IMDRF**  
International Medical Device  
Regulators Forum

**EU2023**  
EUROPEAN UNION  
*Chair*

16:25 – 16:40

# The Global Diagnostic Imaging, Healthcare ICT, and Radiation Therapy Trade Association (DITTA)



**Patrick Hope**

Chair, The Global Diagnostic Imaging, Healthcare ICT,  
and Radiation Therapy Trade Association (DITTA)





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION



**IMDRF** International Medical Device  
Regulators Forum

# **DITTA Report**

## **IMDRF Open Stakeholder Forum**

*March 28, 2023*

**Patrick Hope, DITTA Chair**

*Executive Director, Medical Imaging and Technology Alliance*





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

# DITTA Global Presence



- 2018: DITTA recognized as a non state actor in official relations with WHO
- 2016: Signed MoU with the World Bank
- 2015: Granted NGO status with WHO
- 2014: Established official liaison with now-GHWP

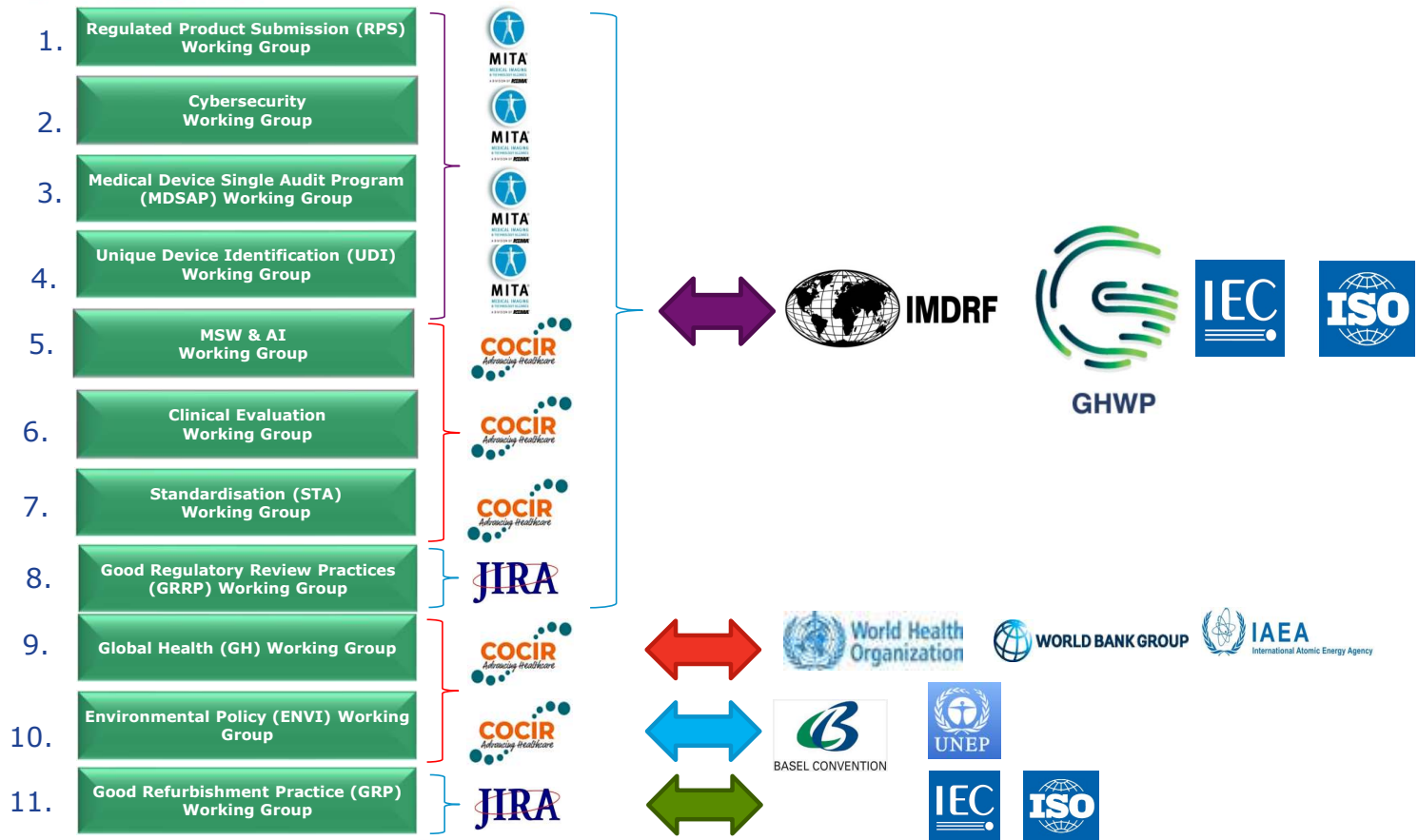






**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

# DITTA: 11 WORKING GROUPS





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

# Table of Contents

- 1. Outcome of IMDRF/DITTA Workshop on Post-market**
- 2. DITTA Priority**
- 3. DITTA Feedback on IMDRF work items**





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

## 1. OUTCOMES OF IMDRF / DITTA/GMTA JOINT WORKSHOP ON POSTMARKET

(Attendees: 200+ registered)

Attendees: Patient, health care professionals, regulators, and industry

Themes:

- Safety notification and vigilance, including common terminology and templates;
- Identification and traceability of data (UDI)
- Risk-based differentiation for post-market
- Collection of data from users including health professionals
- Real-world evidence:
  - Build on existing guidances;
  - Enable access to data;
  - Advance stakeholder partnerships





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

- Post-market for software:
  - Not different from traditional medical device post-market
  - Education and clarify on reportability criteria
  - Importance of interoperability
- Post-market for AI
  - Focus on training, clarity on intended use
  - Consideration of various sources and types of bias
- Conclusion: Working toward harmonization





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

## 2. DITTA PRIORITY

- **Global harmonization and convergence of medical device regulations**





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

## 3. Feedback on IMDRF Work items



**Good Regulatory  
Review Practices (GRRP)**



**Medical Device  
Cybersecurity Guide  
(CYBER)**



**Artificial Intelligence  
Medical Devices (AIMD)**



**Software as a Medical  
Device (SaMD)**



**Standards**



**Unique Device  
Identification  
Application Guide (UDI)**



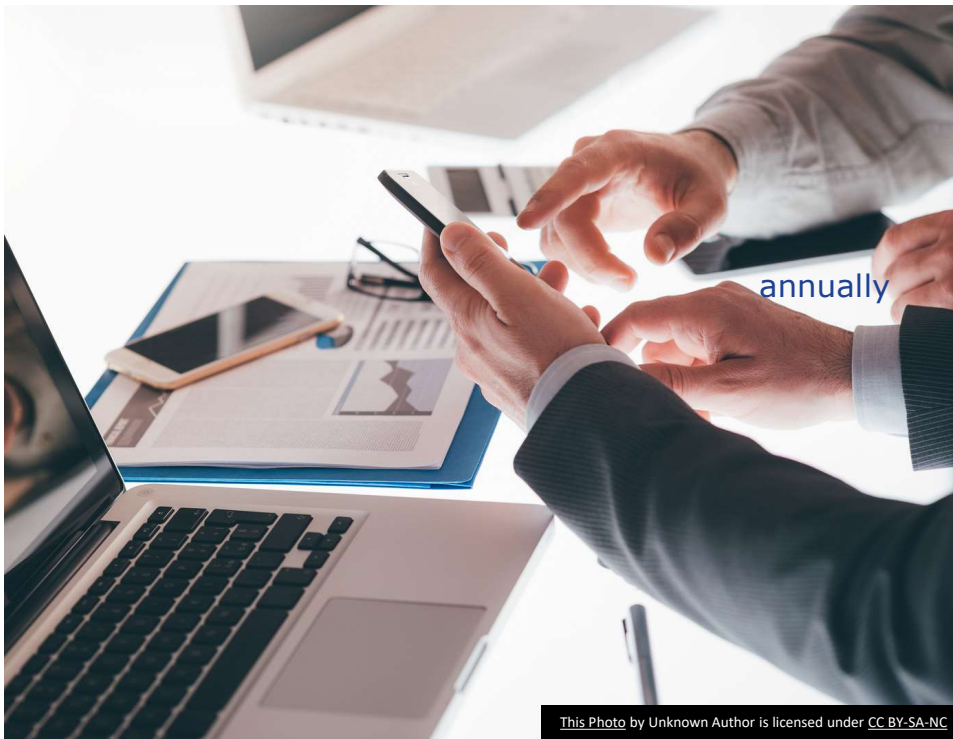
**Medical device single  
audit program (MDSAP)**





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

## 3. Feedback on IMDRF Work items



### 1. Good Regulatory Review Practices (GRRP)

- DITTA welcomes the publication of the IMDRF N71 “Medical Device Review Report: Guidance regarding information to be included”
- DITTA supports further development of key elements for the CAB review system







**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

## 3. Feedback on IMDRF Work items

### 2. Medical Device Cybersecurity Guide (CYBER)

- DITTA is committed to working with the IMDRF to ensure that medical devices are deployed securely on networks and operate in a safe, effective way.

### 3. Artificial Intelligence Medical Devices (AIMD)

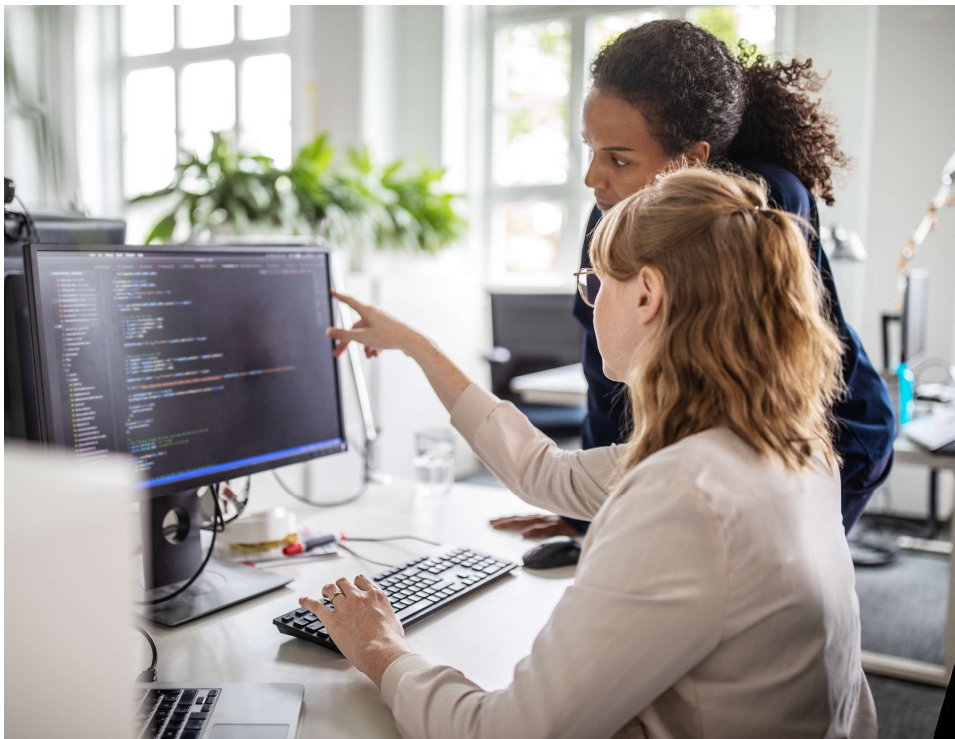
- DITTA supports the development of IMDRF guidance on Good Machine Learning Practice and Pre-Determined Change Control Plans.





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

## 3. Feedback on IMDRF Work items



### 4. Software as a Medical Devices (SaMD)

- Support current activity to revise the existing SaMD documents.
- “SaMD Key Definitions (N10)” and on “Possible Framework for Risk Categorization and Corresponding Considerations (N12)”

### 5. Standards -Improving the quality of international medical device standards for regulatory use

- International standards are vital for global convergence
- Support “Standards Liaison Program Framework” (IMDRF/Standards WG/N72)
- IMDRF should actively use its liaison status at ISO and IEC to ensure regulators’ input into development of standards for regulatory use is implemented.



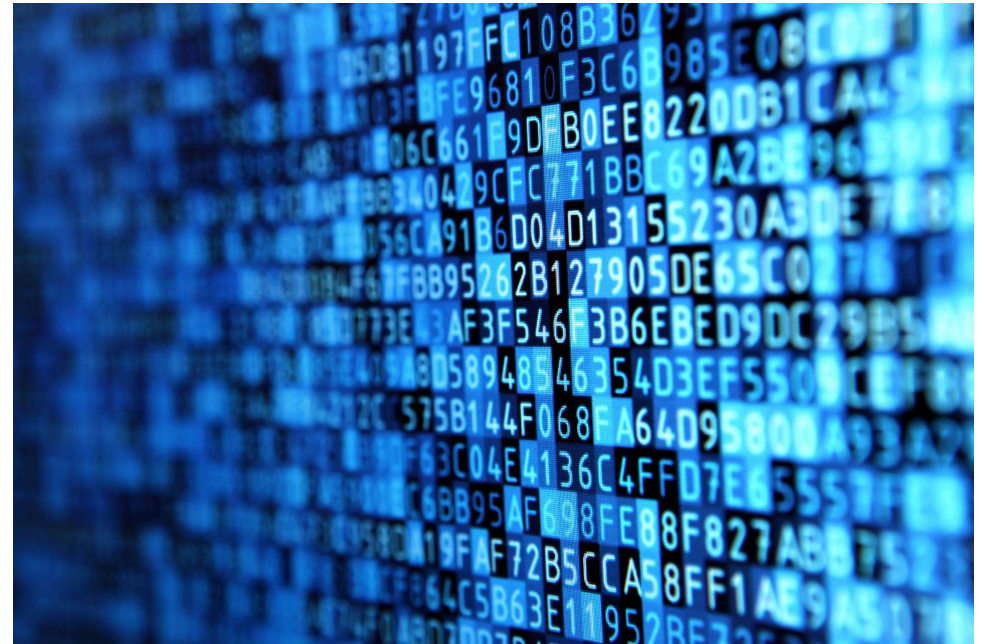
### 3. Feedback on IMDRF Work items

#### 6. Unique Device Identification Application Guide (UDI)

- Support global harmonization of UDI requirements
- Recommend updating documents:
  - “IMDRF/UDI WG/N53 “Use of UDI Data Elements across different IMDRF Jurisdictions”
  - “IMDRF/UDI WG/N48 “Application Guide”

#### 7. Medical device single audit program (MDSAP)

- DITTA recommends that additional jurisdictions accept MDSAP reports in place of their need for audits
- DITTA encourages jurisdictions to become Members or Affiliates of the MDSAP Consortium





**DITTA** GLOBAL DIAGNOSTIC IMAGING,  
HEALTHCARE IT & RADIATION THERAPY  
TRADE ASSOCIATION

**THANK YOU!**

[www.globalditta.org](http://www.globalditta.org)

Follow us on  @DITTA\_online





**IMDRF**  
International Medical Device  
Regulators Forum

**EU2023**  
EUROPEAN UNION  
*Chair*

16:40 – 16:55

# Global Medical Technology Alliance (GMTA)



**Diana Kanecka**

Senior Manager International Affairs, MedtTech Europe





Global Medical  
Technology Alliance  
*Innovating for a Healthier World*

# Reliance White Paper

IMDRF Stakeholders Session

March 28, 2023



## **Presentation Outline**

- Background
- Foundational Principles
- Core Tenets
- Next steps



Global Medical  
Technology Alliance  
*Innovating for a Healthier World*

## Background

- Regulators and manufacturers are committed to timely patient access to safe, effective, and quality medical devices
- Small differences in standards, guidance and regulations can cause major differences in the regulatory path (e.g., MD/IVD classification)
- These differences are amplified during a pandemic and seen in countless emergency use pathways





## Foundational Principles

- Implement convergent regulatory frameworks based on internationally recognized best practices and standards.
- Implement regulatory reliance, including recognition
- Implement core tenets of medical device regulations



Global Medical  
Technology Alliance  
*Innovating for a Healthier World*

## 10 Core Tenets

- Ensure predictability and adequate resources
- Support innovation and apply equal regulation to both domestic and international companies
- Adopt Good Regulatory Practices (GRP)
- Avoid requirements that lack a patient safety benefit



## 10 Core Tenets

- Accept global clinical trial data and leverage Real World Evidence
- Implement a risk-based approach to product changes
- Avoid unnecessary barriers to access based on product country of origin



## **10 Core Tenets**

- Implement a single dossier
- Adopt electronic instructions for use
- Accept digital labels



## Next Steps

- Disseminate and promote the principles of global convergence and regulatory reliance
- Cooperate with global regulators to get reliance in practice, not just on paper