WHO Medical Device Technical Series

The WHO Medical device technical series consists of reference documents to assist countries in ensuring improved access, quality and use of medical devices.

New Books

- Essential medical devices for reproductive, maternal, newborn and child health
- Systematic review of medical devices for ageing population

Available publications as of May 2015

Policy

- Needs assessment for medical devices
- Procurement process resource guide
- Medical device donations: consideration for solicitation and provision
- Introduction to medical equipment inventory management
- Medical equipment maintenance programme overview
- Computerized maintenance management system

- These publications are available in English, Spanish and French
- PDFs are available for download on: http://www.who.int/medical_devices/en
- WHO online bookstore for purchase: http://apps.who.int/bookorders/

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We always welcome your participation & value your contribution!

World Health Organization Medical Devices

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WHO Leadership Priorities

Increasing Access To Medical Products

- Countries enabled to develop or update, implement, monitor and evaluate national policies on better access to health technologies; and to strengthen evidence-based selection and rational use of health technologies
- Implementation of the global strategy and plan of action on public health, innovation and intellectual property
- Strengthening national regulatory authorities facilitated; norms, standards, guidelines for medical products developed; and quality, safety and efficacy of health technologies ensured through prequalification

Medical Device Development

- Human resources
- Financial resources
- Policies

Outcomes:
- Effective, safe, quality
- Appropriate, affordable
- Accessible
- Affordable
- Available

WHO leadership priorities

The Global Needs

- They need devices such as glucose meters, syringes and insulin pumps
- They need diagnostics such as pap smear and meningrogram tests and treatment such as radiotherapy
- Cancer accounted for 7.8 million deaths (around 14.4% of all deaths) in 2011.
- About 15% of all cancer deaths occurred in low- and middle-income countries
- About 525 million people worldwide have diabetes
- More than 385 million people worldwide have hearing loss
- Every day, 6,000 women die from preventable causes related to pregnancy and childbirth
- The need devices such as clean delivery kits, suction machines, CPAP machines and emergency surgical equipment

Local Production and Technology Transfer (LPTT)

Developed to increase access to safe and quality medical products

2012: Identified key barriers and challenges in low and middle income countries
- Feasibility Tool developed to evaluate multifactorial issues associated with local production
2014: Implement capacity-building workshops in Ethiopia, Nigeria, South Africa, and Tanzania

Compendium of Innovative Health Technologies for Low Resource Settings

Since 2010, our department has published the annual Compendium of Innovative Health Technologies for Low Resource Settings to inform Ministries of Health of new medical devices, assistive technologies, and eHealth solutions.

WHO Global Forum on Medical Devices

- With governments, NGOs, innovators, industry leaders, UN organizations, and academia from all member states to share knowledge and experiences.
- Link: http://www.who.int/medical_devices/global_forum/2nd_gfmd/

Ebola Publications

- Rapid Guidance on the Decommissioning of Ebola Care Facilities
- First WHO Global Forum on Medical Devices

Strengthening Capacity

- WHO Global Forum on Medical Devices
- e-Documentation Centre
- Core Medical Equipment Fact Sheets

For questions, please contact: techinnovation@who.int