

Medication Without Harm



WHO Global Patient Safety Challenge

Medication error reporting and learning, and pharmacovigilance systems at the national and organizational level

Dr Parthasarathi Gurumurthy

Director

Pharmacovigilance and Clinical trials

Botswana Medicines Regulatory Authority

(BOMRA)

Botswana



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Pharmacovigilance systems at the national and organizational level – Botswana experience

Dr Parthasarathi Gurumurthy
Director
Pharmacovigilance and Clinical Trials
pgurumruthy@bomra.co.bw

Outline of Presentation

- Baseline assessment
- Building foundation for establishing national PV program
- A system for spontaneous reporting of suspected ADRs
- Stakeholder Engagement
- Establishing ADR Monitoring Centres at Hospitals
- Achievements

Baseline assessment

- The national PV system in Botswana did not meet the WHO minimum criteria for a functional PV system
- The importers count on the parent companies to take the responsibility of monitoring safety of their products
- None of the hospitals have a functioning Adverse Drug Reaction Reporting and Monitoring System – culture of reporting ??
- PV activities are not included in the strategic and/or annual operational plans of Public Health Programs
- The skill and competence amongst the University faculty members to train students in PV is absent

Initiation

- A functional PV centre
- A system for spontaneous reporting of suspected ADRs
- A national database for managing ADR reports
- A national PV advisory committee
- A clear communication strategy

System for reporting of suspected ADRs

- ADR Reporting Forms (paper based)
- E-Reporting (web based, Smartphone – MedSafety App)
- E-mail
- WhatsApp
- Toll free Telephone

Stakeholder Engagement

- Key stakeholders identified
 - HCPs, PHPs, District Health Management Teams
- Healthcare Practitioner Education Program on Medicines and Vaccines safety issues
- **Public Engagement**

Establishing ADR Monitoring Centres at Hospitals

- Awareness and sensitization programme on continuous basis
- Work with hospital administration, Drugs & Therapeutic Committees and Healthcare Professionals
- Conduct Monthly CMEs on PV for HCPs practicing in the hospital and private practitioners in the community
- Work with DHMT for the effective implementation of the national pharmacovigilance programme at grassroots level

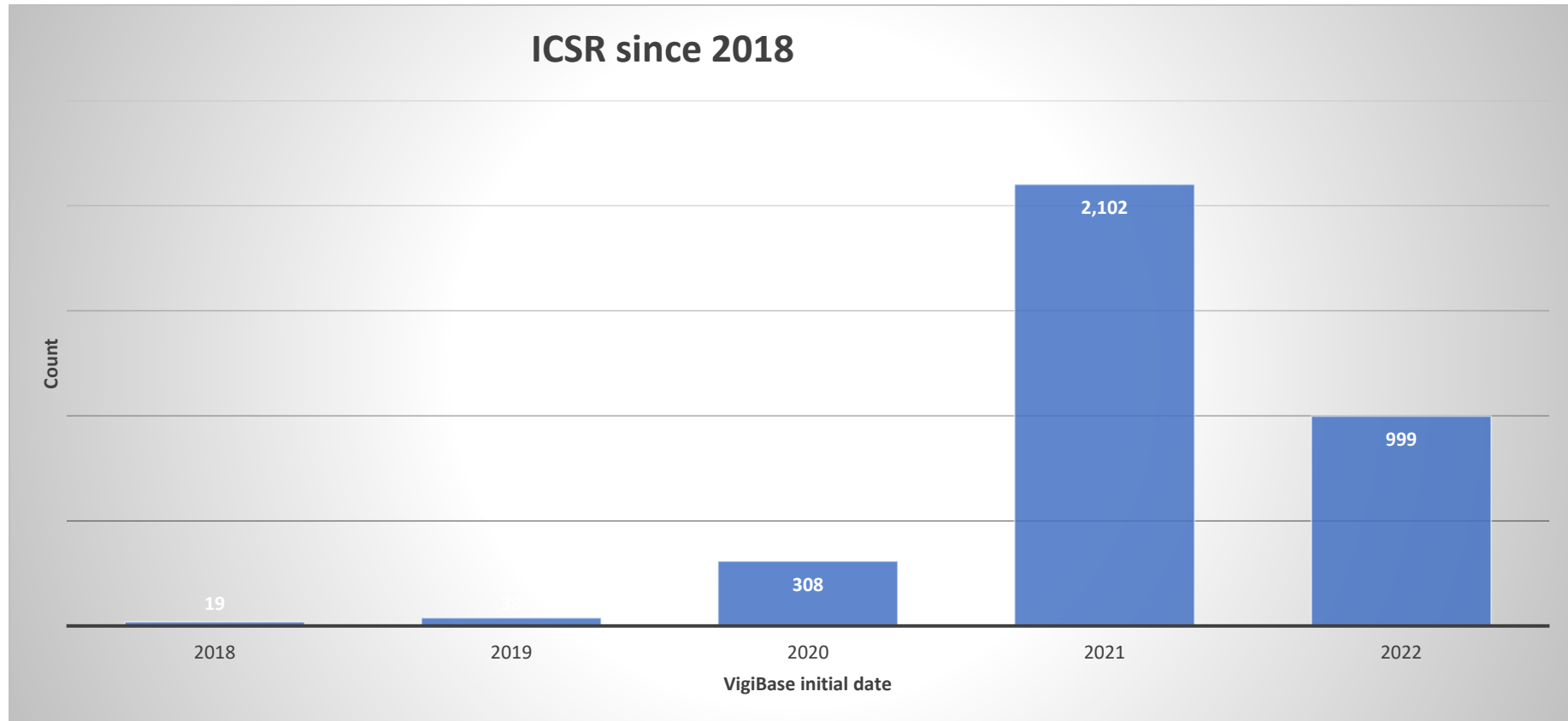
Establishing ADR Monitoring Centres at Hospitals

- Liaise with National Public Health Programs to promote PV
- Ensuring that all ADR reporting tools are available to HCPs
- Train HCPs adequately to facilitate ADR reporting
- To provide thank you notes to reporters
- To attend to inpatient and outpatient wards on daily basis for collection of ADR reports while promoting pharmacovigilance program
- Medication Error reporting / Quality defects reporting

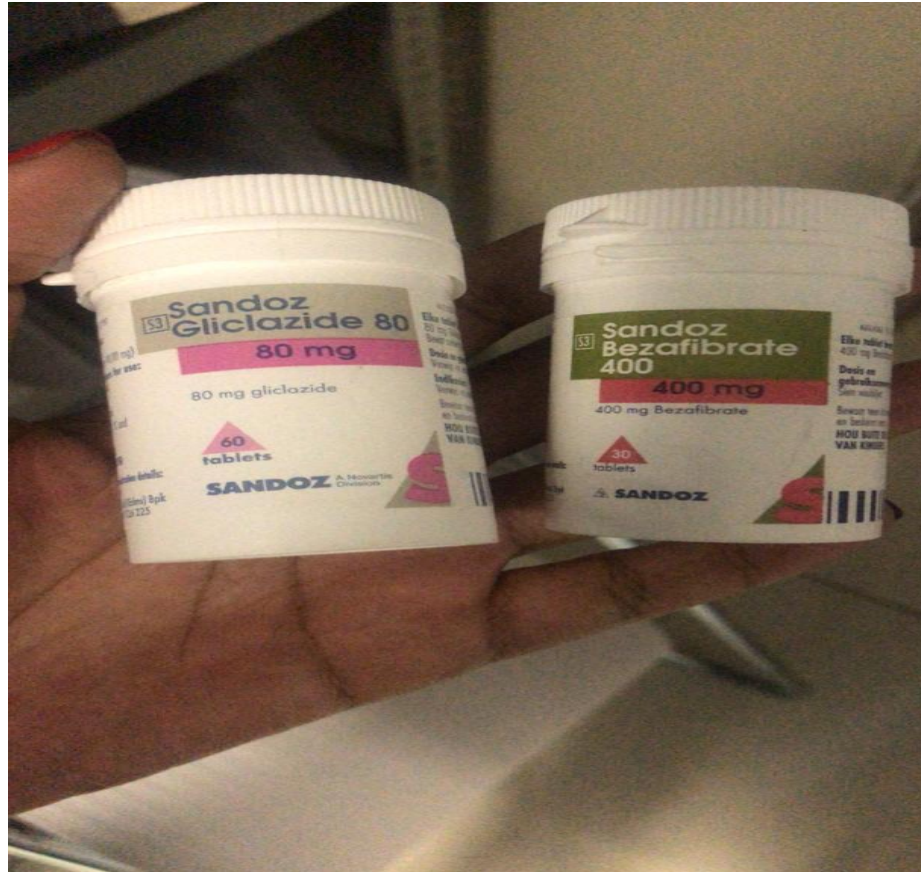
Achievements

- WHO minimum criteria for a functional PV system
- Increase in quantity and quality of reports
- Benchmarking of 200 ADR reports/million population
- TB Preventive Therapy in HIV Patients – INH induced Hepatitis

Achievements



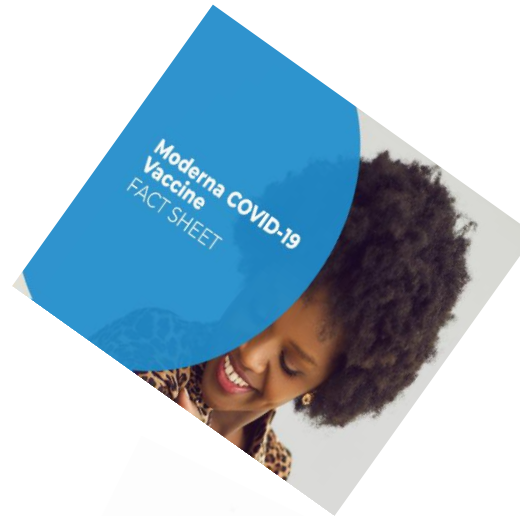
Look Alike Medications



Achievements

- Vaccines Safety Monitoring
- PV in Mass Drug Administration (Praziquantel)
- Published Factsheets, Safety Alerts, DHCP Letters
- PV Curriculum in UG teaching

Achievements



THANK YOU

📍 Plot 112, International Finance Park, Gaborone
✉ Private Bag 2, Gaborone Station, Botswana
☎ +267 373 1727/20
☎ Toll Free : 0800 600 216
✉ info@bomra.co.bw
f Botswana Medicines Regulatory Authority
🌐 www.bomra.co.bw

