

**Objective:** The third WHO Global patient safety challenge:- to reduce severe avoidable medication related harm by 50% globally by 2022

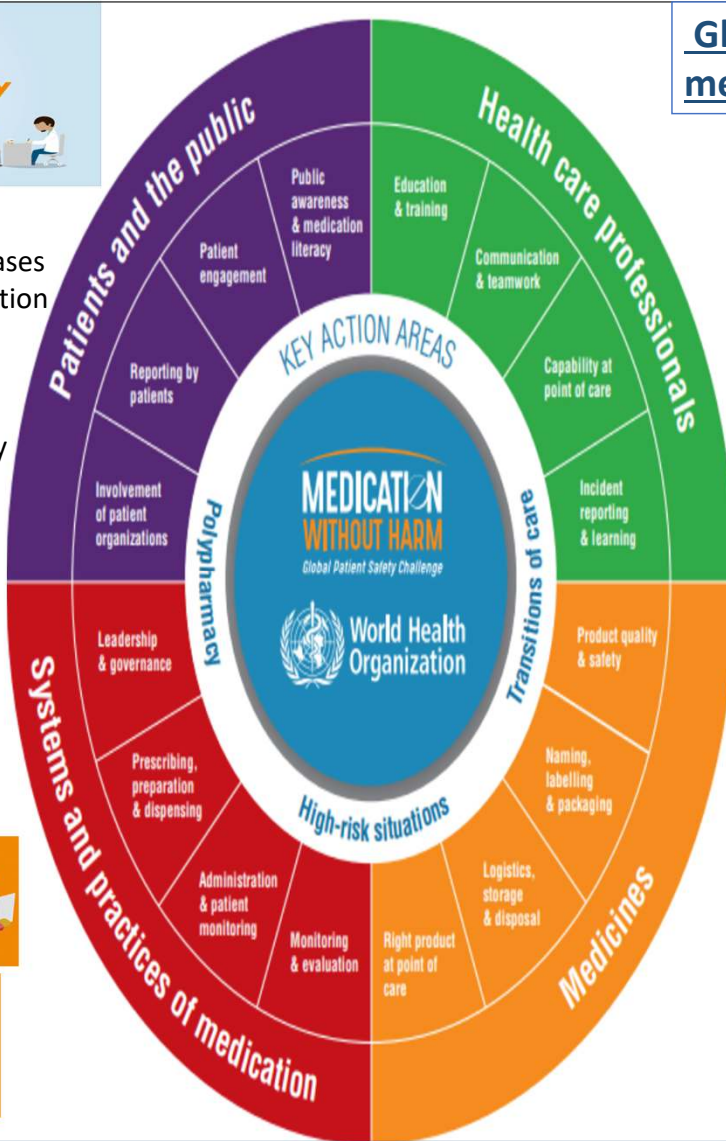
**Unsafe medication practices and medication errors are Leading cause of avoidable harm**

**Background:** 1) Identified sources of medication error that can and do, kill and harm patients in hospitals around the world today  
Analysis of studies reveal:  
1) Medication safety would become a global priority.



**Problem to fix:**

- 1) Polypharmacy (P):** It increases side effect as well as interaction between medication
- 2) High risk situation(R):** Inpatients in hospital are at greater risk than ambulatory patients,
- 3) Transition of care(C):** From Hospital to Home



**Global challenge on medication safety**

- 1)ASSESS:** Avoidable harm
- 2)CREATE:** Framework for action
- 3)DEVELOP:** Setting up of safer medication
- 4)ENGAGE:** Everyone to improve medication safety
- 5)EMPOWER:** Everyone for care decision and effective management

**What can we do to help avoid medication-related harm?**

- 1) We can encourage reporting and can even report an adverse medication event ourselves
- 2) We can take an active role in the patient's own medical care and medication management
- 3) Address the three action areas: Polypharmacy, High risk situation, Transition of care

**Innovative solutions for future:**

- 1)P: Robotic compounding**
- 2)R:** Prefilled syringes, ready to use vials, wearable devices, digital consultation, Bid data, RWE, Biomarkers
- 3)C: Hospital at home** concept for oncology, wound care, heart disease, diabetes

**Always explain that medications are good when taken as per instructions. In case instructions are not adhered to, there can be harmful consequences.**