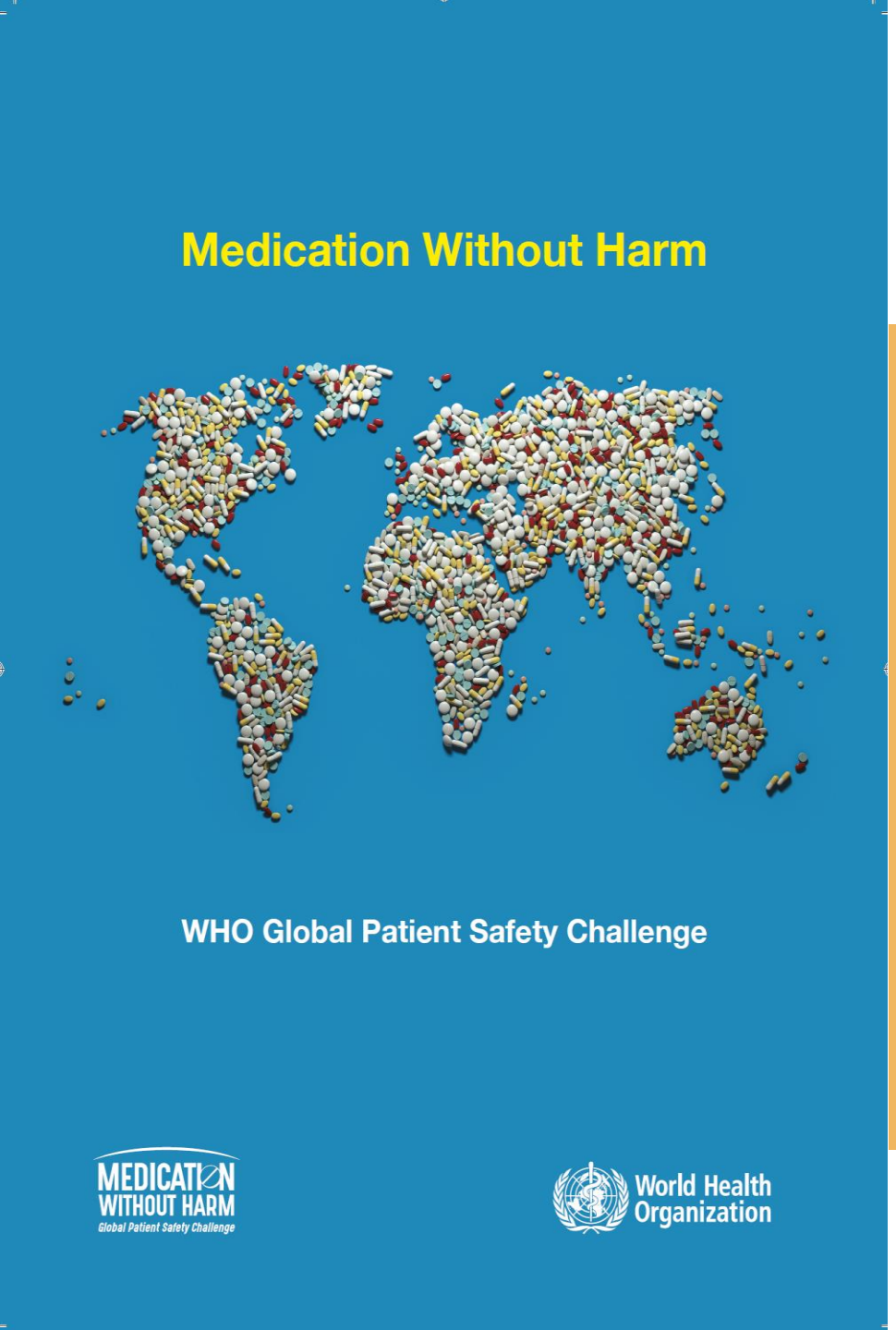
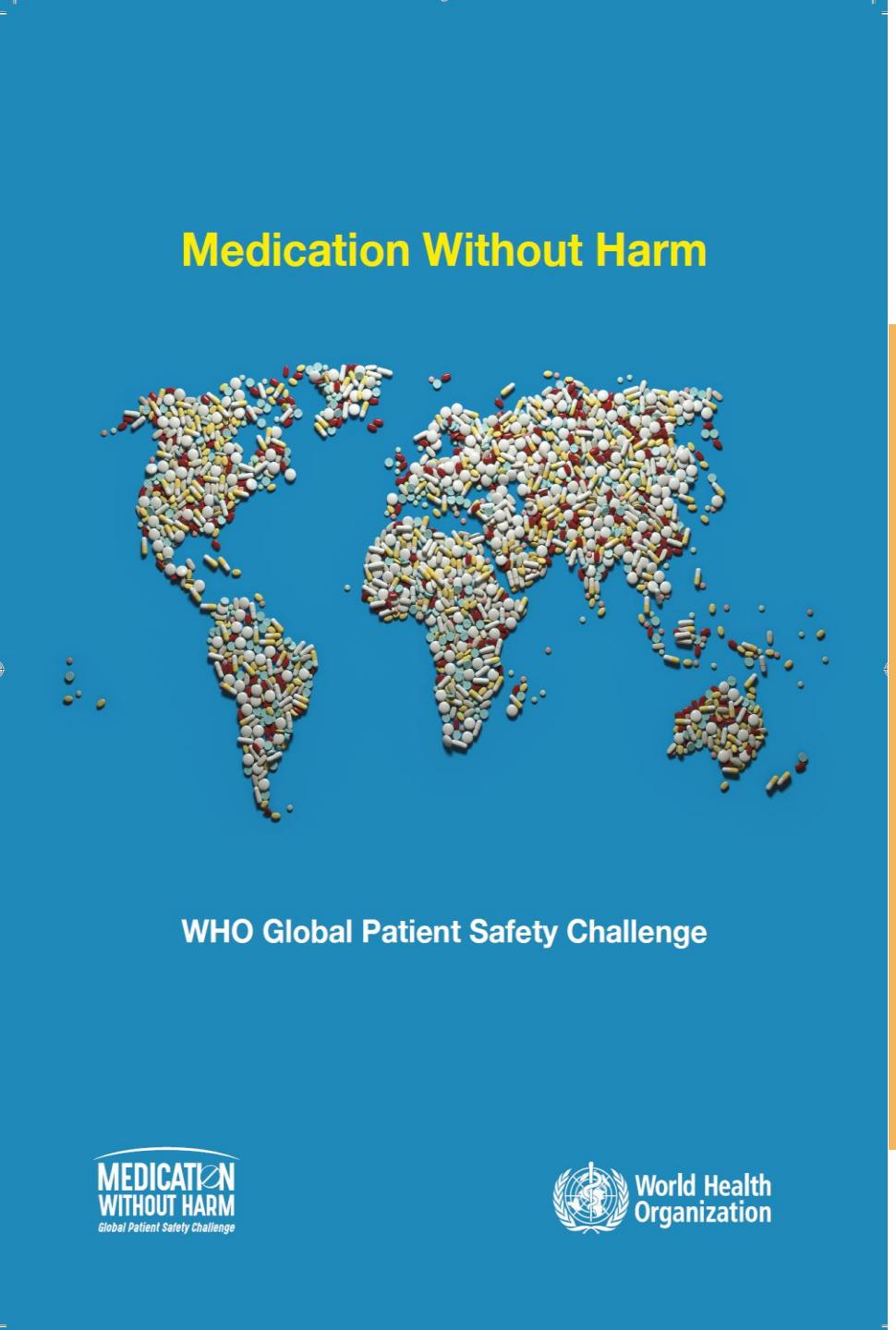


MEDICATION WITHOUT HARM
Global Patient Safety Challenge

World Health Organization

Medication error reporting and learning, and pharmacovigilance systems



MEDICATION WITHOUT HARM
Global Patient Safety Challenge

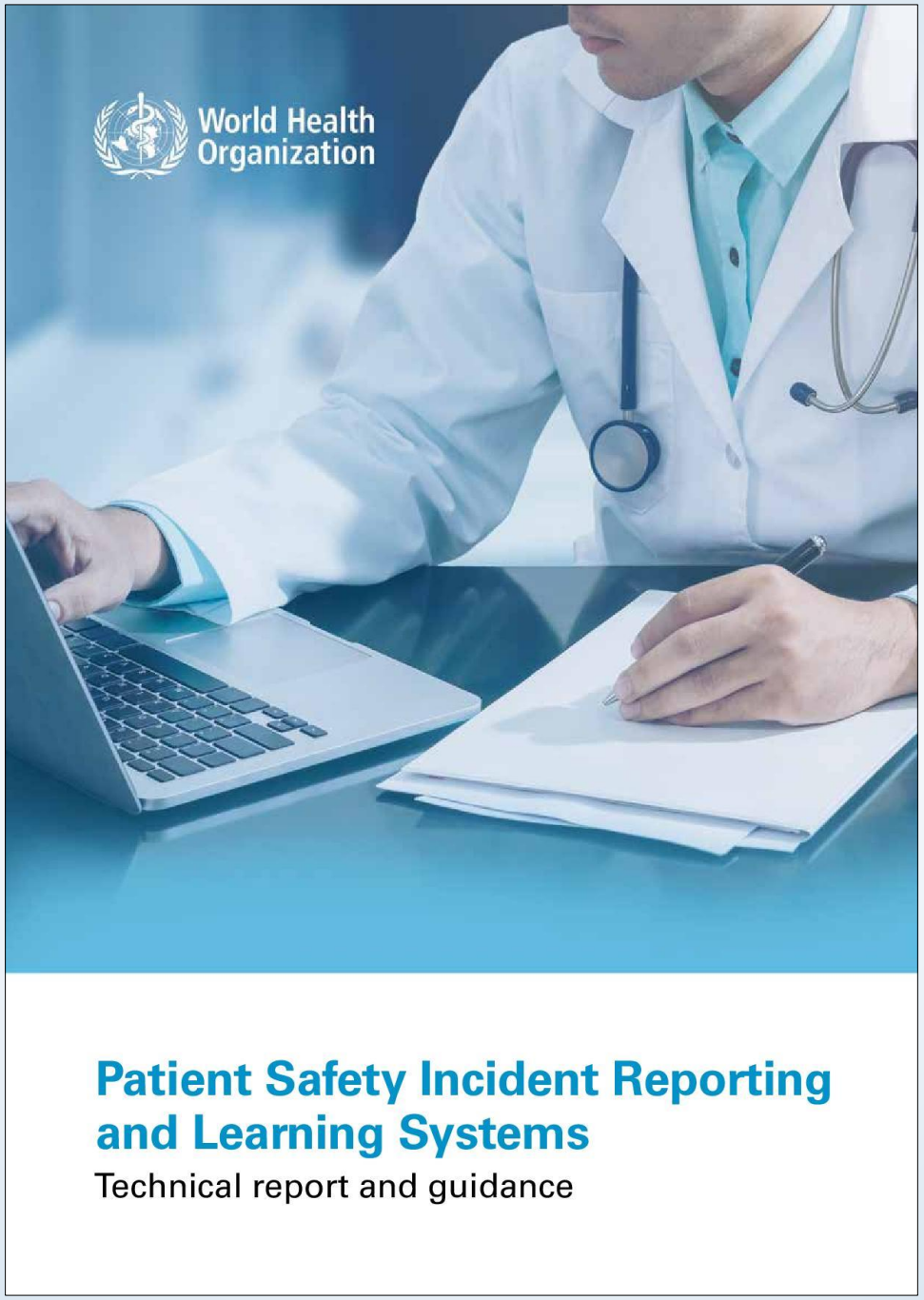
World Health Organization

Patient safety incident reporting and learning systems

- **Medication error reporting**

Sir Liam Donaldson
WHO Envoy for Patient Safety

12 April 2022


World Health Organization
Patient Safety Incident Reporting and Learning Systems
Technical report and guidance

Responding to a patient safety incident report

Source: World Health Organization

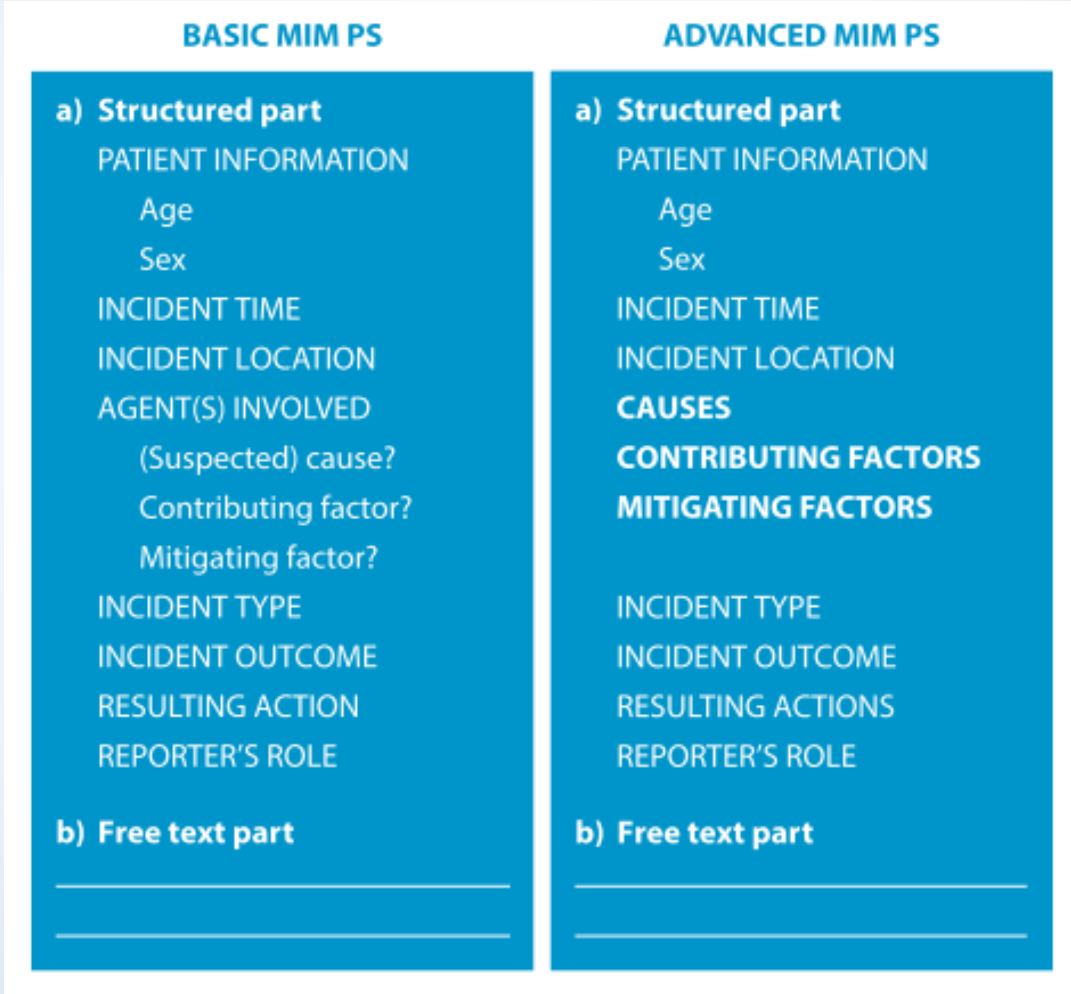
Barriers to full impact of incident report systems

Volume of data

Culture

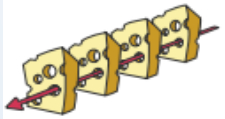
Investigative capacity

Minimal information model for patient safety incident report and learning systems (MIM PS)



Source: World Health Organization

Uses and limitations of aggregated patient safety incident data

	ACTIVITY	SOURCE OF ANALYSIS	STRENGTHS	WEAKNESSES
	**Surveillance**	All incident types	Highlights broad patterns and trends	Weak on systemic insights; little immediately actionable
	**Performance assessment**	Incidents covering particular fields of care	Creates opportunity for system redesign and improved safety within a field of care	Requires extensive further investigation to assess nature of performance weaknesses
	**Breakdown in resilience**	Incidents pointing to failures in standards or control measures	Enables correction of breaks in defences	Causation can be wide ranging and restorative action complex
	**New and uncommon sources of serious harm**	Incidents of novel type showing clustering in time and space	Immediate opportunity to block harm and protect future patients	Needs highly active mining of data

Source: World Health Organization

Comparison* Patient Safety Reporting (PSRS) and Pharmacovigilance (PV) Systems

	PSRS	PV
Avoidable harm	Incidents	Adverse events and reactions
Risk detection	Weak	Strong
Orientation	Medicine use	Medicine product
Causality focus	Root causes and learning	Attribution and risk assessment
Patient experience	Separated	Integrated

* Unofficial; thinking in progress

The Third Global Patient Safety Challenge

Medication without harm