

Sudan's medication without harm journey



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SUDAN FEDERAL MINISTRY OF HEALTH

Sudan's medication without harm journey



Sudan's commitment towards medication without harm

The third Global Patient Safety Challenge.

The pledge signing by H.E Sudan Minister of health in the regional launch in Muscat, Oman, 2017. The Directorate of Patient Safety / DG of Quality Sudan FMOH started a process of establishing a national medication safety program.



Why Medication Safety? What was the starting point?

2008: Afro EMRO Adverse Event Study (Wilson, 2012)

- 8.2% AE rate
- **34% Therapeutic errors**

**EMRO
Medication
Safety
Standards**

2014: Piloting of EMROs Medication Safety Standards in two hospitals (EMRO Report, 2014)

- **More than 50% of required standards are not met**

2016: Sudan Accreditation Standards for Hospitals was piloted in 8 Hospitals (FMOH, 2016)

Most of the PS and medication safety standards were not met.

Extensive LR was done

Conclusion:

- Most of the hospitals in **Khartoum State** when assessed in terms of the basic medication safety practices did not implement them.
- Providers lack basic knowledge about ADRs.
- Facilities lack policies for ADRs.
- Compliance to standard Medication prescriptions and administration practices is low
- Most patients seeking medical care lack knowledge about their treatment.



Recommendations

**National Medication
safety program**



**Spread the Culture
of Safety**

Engage Others



Steps

- As an initial step, a leading body [**National Medication Safety Committee**] was formulated by engaging all related stakeholders from all relevant institutions (National/International) and experts.
- The main aim is to develop a **National Medication Safety Program** for healthcare facilities and implement the **Medication Safety Policy Guide** developed in 2017.



Identified stakeholders were:

1. Directorate General of Pharmacy, FMoH
2. Directorate General of Curative Medicine, FMoH.
3. Directorate of Nursing, FMoH.
4. Directorate of IPC, DG of Quality, FMoH.
5. Sudan Medicines and Poisons Board
6. National Supplies Fund
7. National Health Insurance fund.

8. Sudan Medical Council.
9. National Council of Medical & Healthcare Professions
10. Customer protection society
11. Directorate of Pharmacy, Khartoum MoH
12. Directorate of Quality, Khartoum MoH
13. Pharmaceutical manufacturing Chamber

Methodology

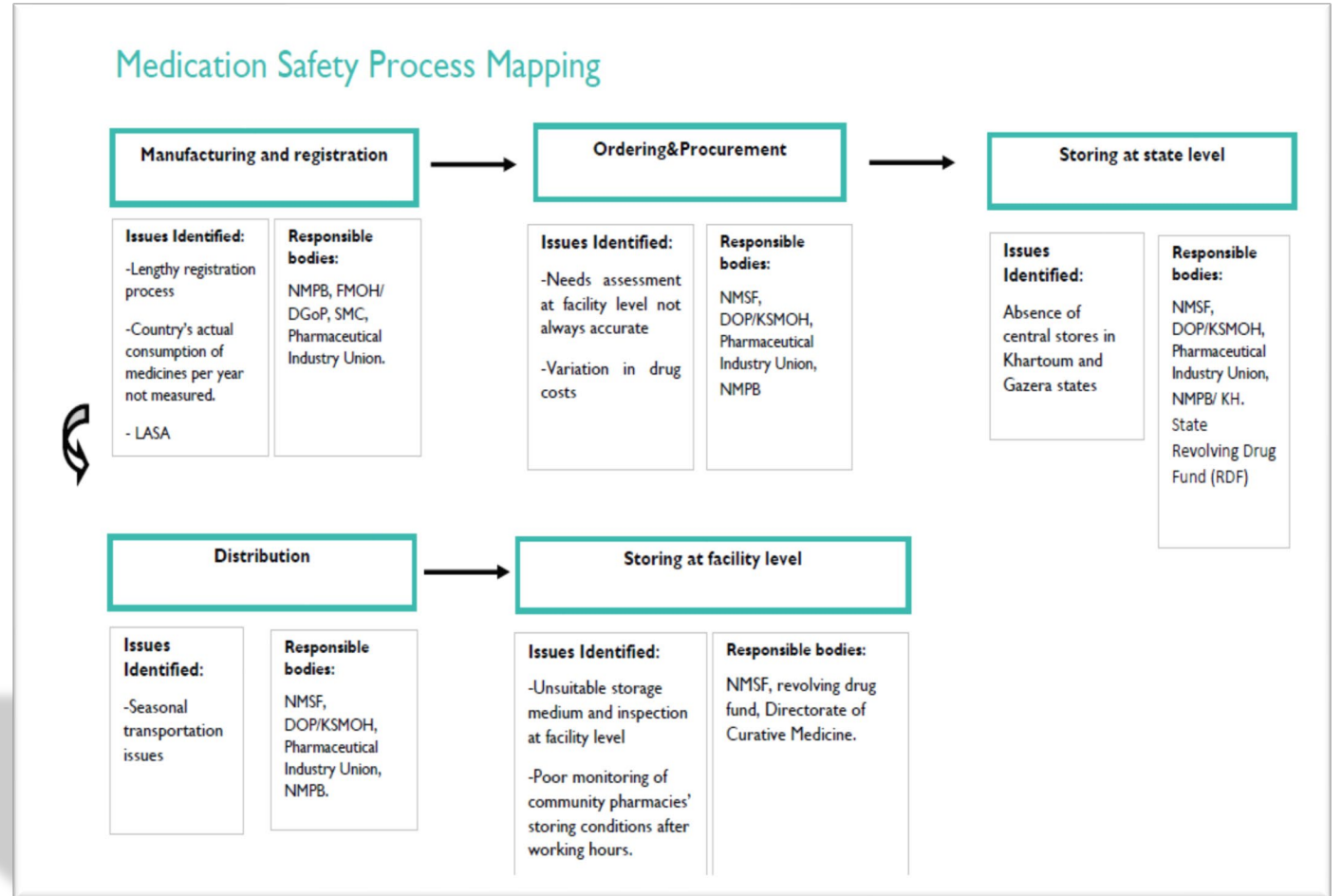
The committee have been meeting on a regular basis since May 2018 with a total of five meetings so far. In these series of meetings; the committee reviewed the current Situation of Medication Management and Use in healthcare facilities.

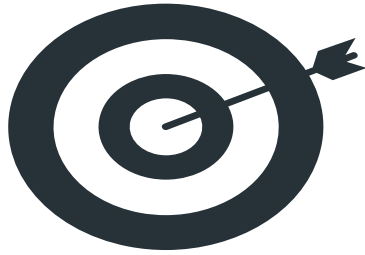
Subsequently, a detailed process map that outlined the main issues compromising medication safety was developed. Accordingly; related taskforces were assembled to prioritize areas of action and develop a detailed action plan.



The process map & taskforces

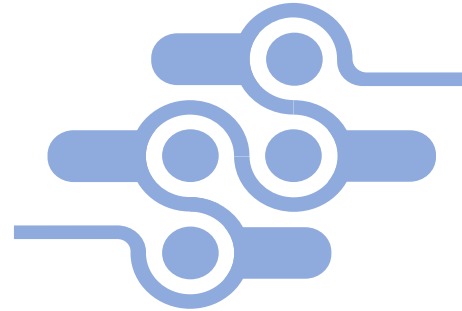
1. Legislations
2. Supply chain
3. Medication Management & Use
4. Reporting System
5. Education And Training
6. Patient Education And Empowerment





**The main
Problems was
Prioritized**

**A Set of
Interventions
at all levels**

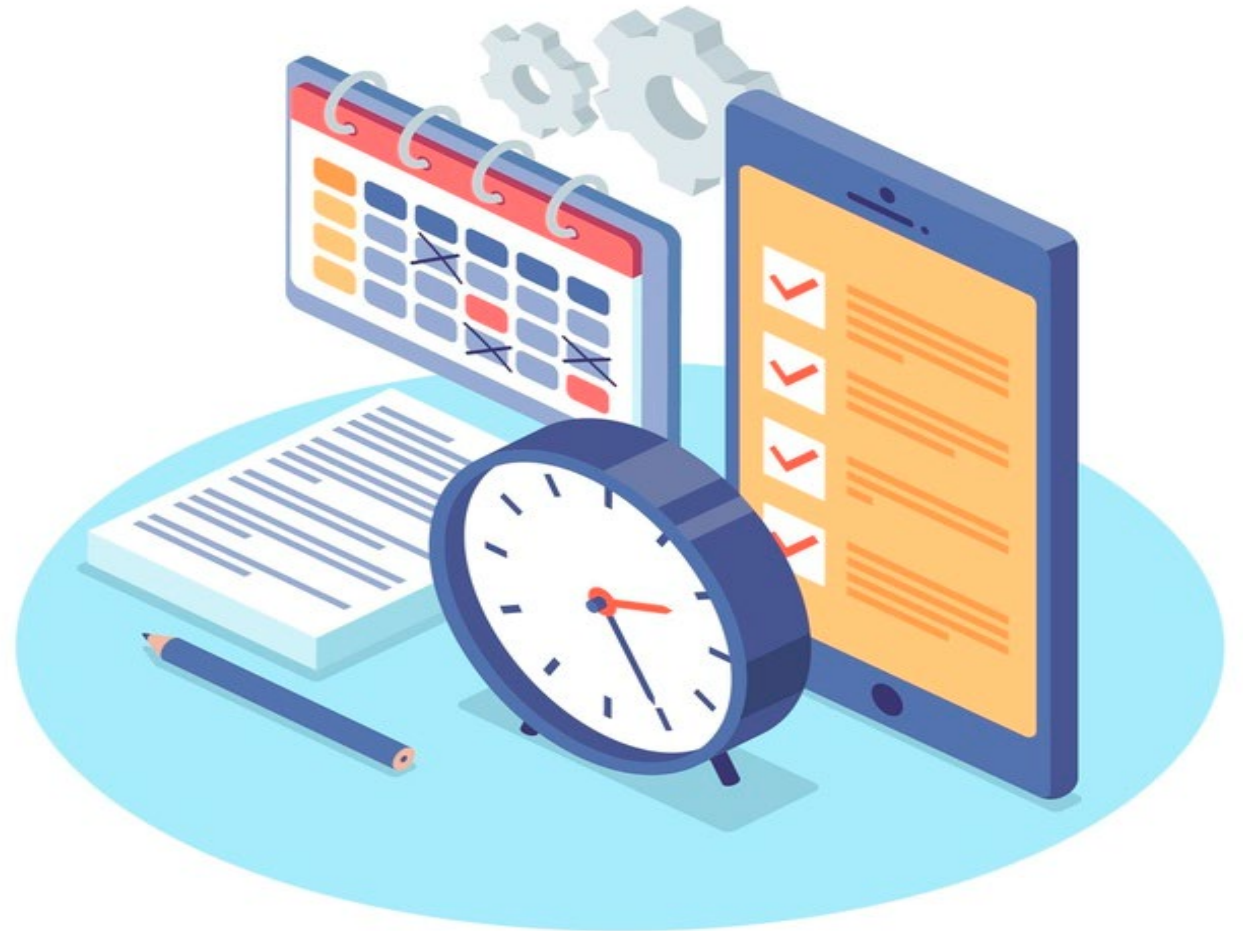


**Action Plan
Development**

Sudan National Action Plan for Medication Safety

In January 2020

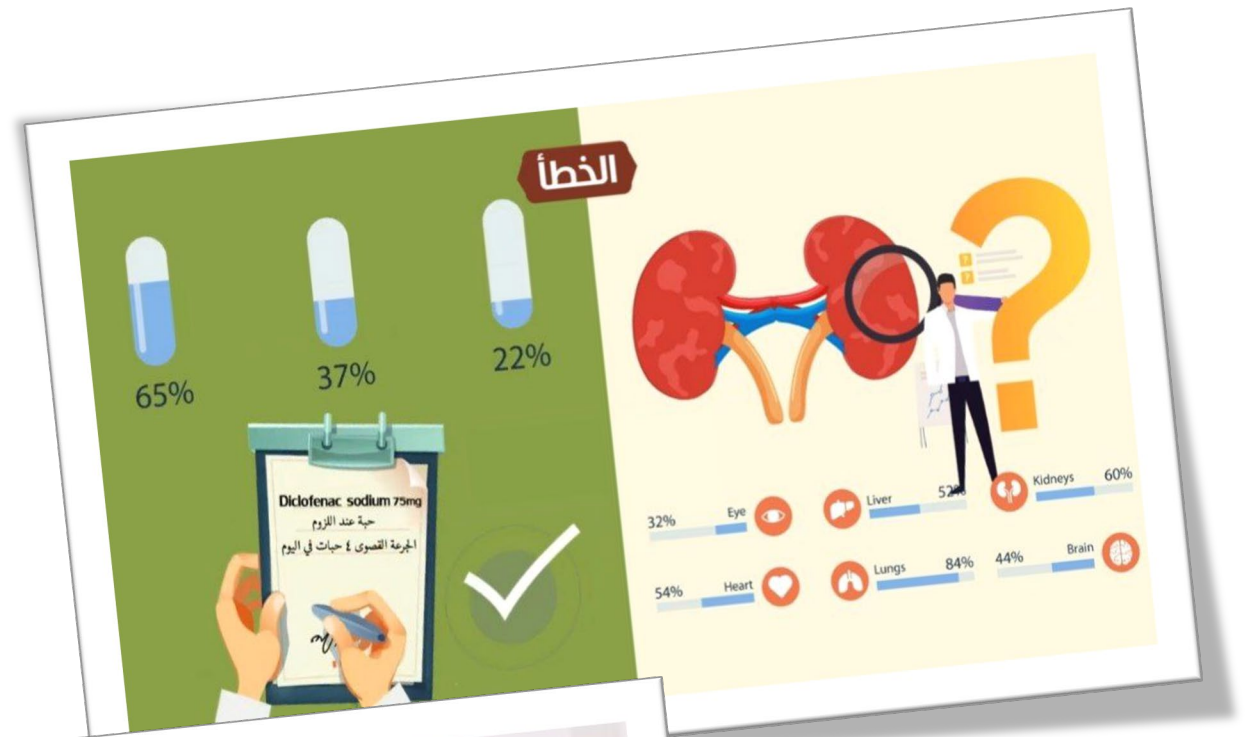
Representative of 31 different institution at all levels(national, state, facilities, educational and insurance).





Achievements

Number of motion graphic videos was launched to address different medication safety areas(Transition of care, Patient engagement)



Achievements

5 Moments for Medication Safety /Patient engagement Tool was translated into Arabic.

5 اللحظات الخمس للسلامة الدوائية



عند بداية دواء جد

- ماهو اسم الدواء وفيما يستعمل؟
- ماهي مخاطر استعماله؟ وهل توجد اي اثار جانبية محتملة



عند أخذ الدواء

- متى يتوجب أخذ هذا الدواء؟ وكم الجرعة في كل مرة؟
- ماذا يجب ان يحدث في حالة حدوث أي اعراض جانبية؟



عند إضافة دواء

- هل توجد حاجة لاضافة هذا الدواء؟
- هل يوجد تفاعلات دوائية لهذا الدواء مع الادوية الاخرى المستخدمة؟



عند مراجعة الادوية المستخدمة

- ماهي الفترة المقررة لاستخدام كل دواء؟
- هل هنالك دواء مستخدم لم تعد هنالك حاجة لاستخدامه؟



عند إيقاف دواء

- متى يجب التوقف عن استخدام كل دواء؟
- إذا كان لا بد لي من إيقاف الدواء بسبب تأثير غير مرغوب فيه ، فابن يجب الإبلاغ عن ذلك؟

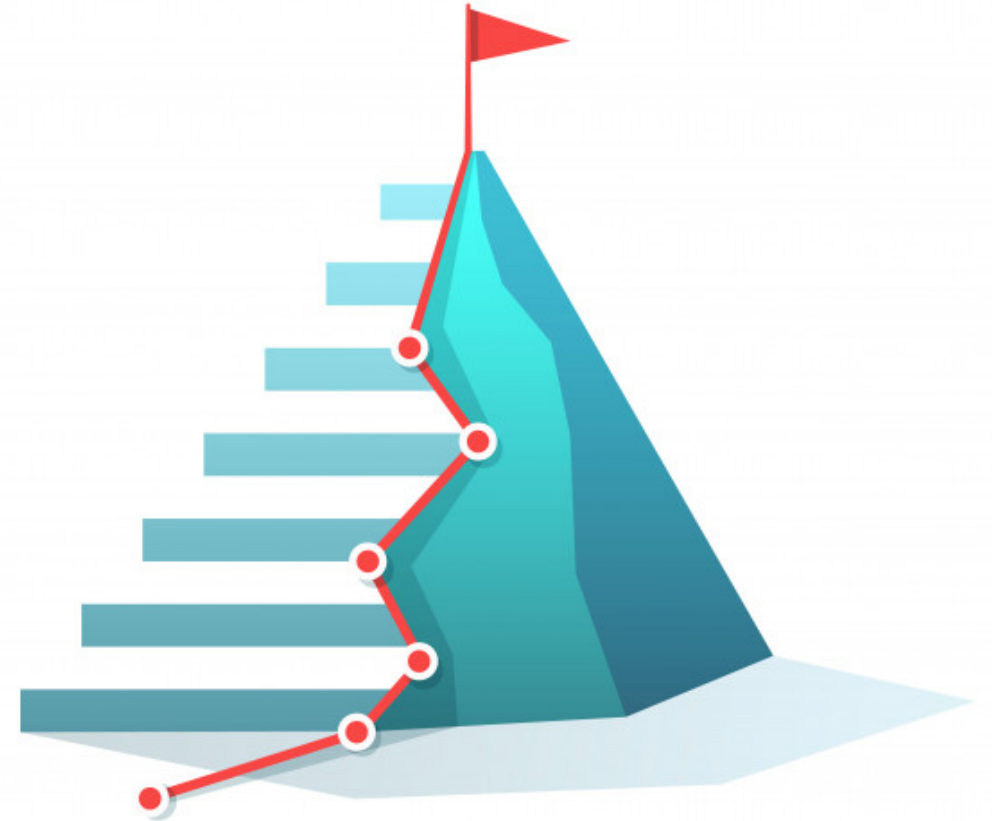
هذه الأداة مخصصة للاستخدام من قبل المرضى وعائلاتهم ، بمساعدة من مقدمي الخدمة الصحية ، على جميع مستويات الرعاية وفي جميع الظروف.

تم تطوير هذه أداة إشراك المرضى كجزء من التحدي العالمي الثالث لسلامة المرضى الذي وضعته منظمة الصحة العالمية : التناوذي بدون أضرار. الغرض من هذه الأداة إشراك المرضى في عملية الرعاية بصورة أكثر فعالية ، وتشجيعهم على فضولهم بشأن الأدوية التي يتناولونها ، وتمكينهم من التواصل على نحو منفتح مع مقدمي الخدمة الصحية.

تبر اللحظات الخمس للسلامة الدوائية هي اللحظات الأساسية التي يمكن أن يخلل فيها صرف الذي يمكن أن يؤديه المريض أو مرافقي المريض بتوجيه كبير من خطر الأذى و ربط باستخدام الأدوية. كل لحظة من هذه اللحظات تشمل 5 أسئلة حسنة. بعضها تطبق المريض اجنبيا بنفسه والبعض الآخر يحتاج إلى دعم من مقدم الخدمة الصحية لمنع 'إجابة عليه بصورة صحيحة.

Achievements

- **Medication Error Reporting Program was launched in 2018 in Khartoum state:**
- Training of HCP (200) in 5 selected hospitals on medication errors detection and reporting.
- Medication Errors Reporting thorough Khartoum Medicines Information Center.



Achievements

- **Sudan has participated in accelerating workshop:** Medication without Harm held in Geneva, Feb 2019.
- **Sudan Participated in Medication Safety Conference** Abu Dhabi 2017, 2018 3 posters
- Sudan won Best Oral Presentation Award MS Conference 2018
- NMPB: Adverse Drug Reactions Advisory Committee Formulation for ADRs reports analysis in collaboration with Uppsala Monitoring Center UMC 2018.

Challenges ???

- Economic hardship faced by the country.
- Covid 19 pandemic catastrophic financial challenges related





2020

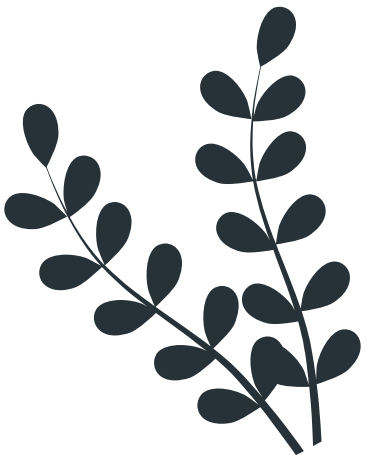
Way forward

Next Step

PS directorate is working hardly to secure fund, implement and support the medication safety **MS** activities across our healthcare facilities.

As a pilot phase, we are preparing to establish a comprehensive **MS** program in 12 big hospitals in Khartoum state.





thank you

**You can find us at
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