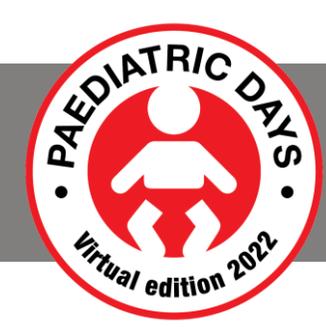




Incorporating simulation into the Plan-Do-Study-Act cycle for an integrated improvement of the OPD triage system at hospital level. Pulka, Nigeria.

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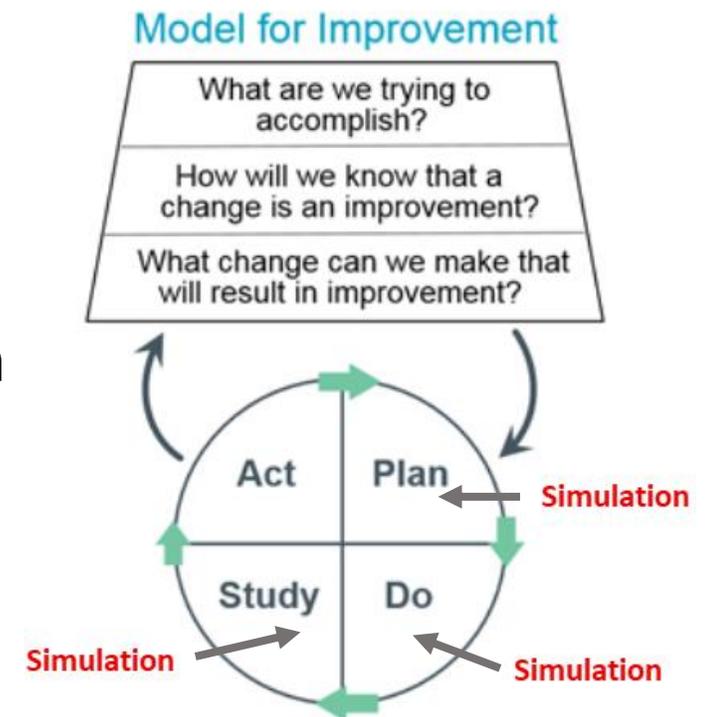
Problem_ The team raised concerns that there was a problem of **late detection of critically ill paediatric and adult patients presenting to a Hospital-level OPD triage.** ('red' cases were frequently missed at triage)

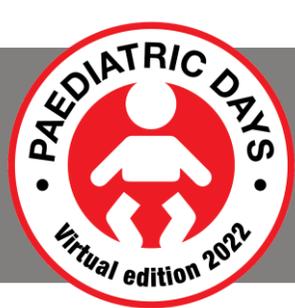
MSF Field Simulation propose a pilot by using simulation to understand and address this problem , by **incorporating simulation** into the **Plan-Do-Study-Act** (PDSA) cycle for an **integrated improvement of the OPD triage system**

Plan : Sim to analyze & plan/design improvements.

Do : Sim to embed best practices.

Study : Sim or structured debriefing to test & study.





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- **What we did?** Combine QI processes and simulation on the triage process for the malaria peak – a **walkthrough simulation** including community



ACT
Triage process established

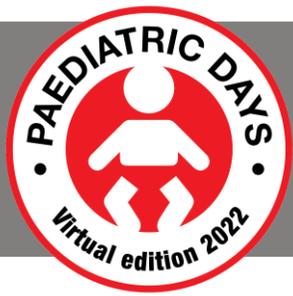
PLAN
Cause-effect diagram + "**Table Top Simulation**" to **ANALYSE**, design and **PLAN** improvements.



STUDY
Tally sheet, observation checklist and 2 **structured debriefing** at the workplace

DO: Improvement plans implementation, including 6 **educational simulation** session on IITT : 5 OPD staff
9 Emergency staff - 7 doctors.



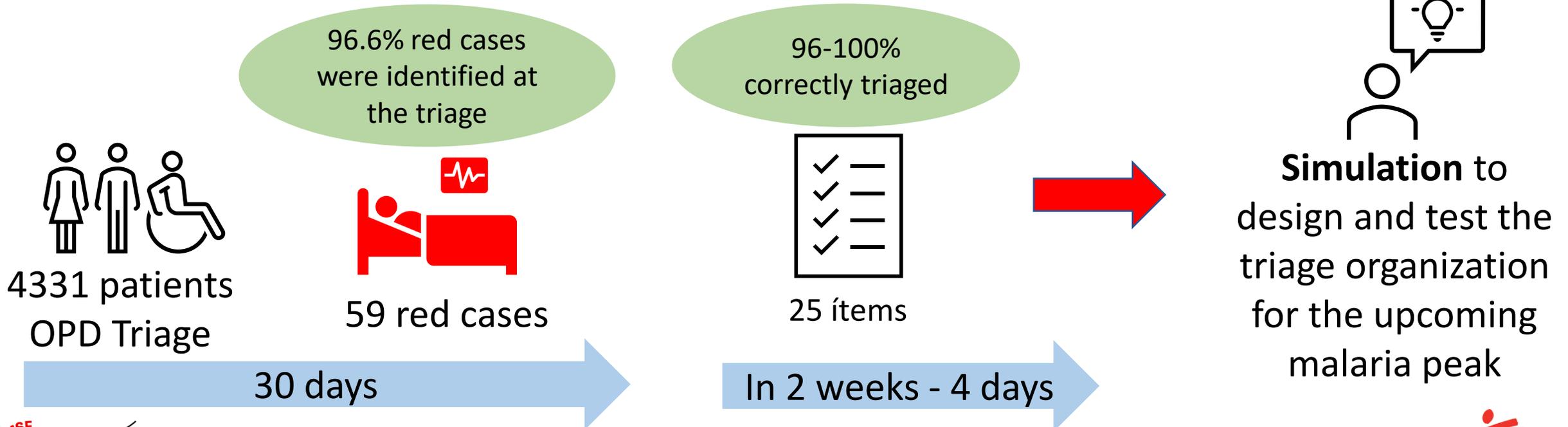


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Results :

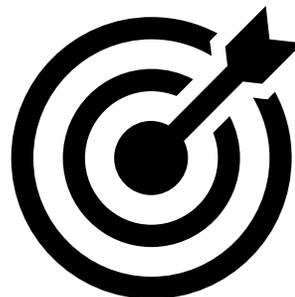
1st Simulation **supplemented the problem analysis facilitating** the causes identification and the definition of the **improvement plans**.

2nd Post-intervention data showed a highly functional triage system



• Conclusion

Simulation is a powerful tool that can be used to drive QI processes



In this situation, the simulation helped to redesign, test, and adapt a new triage system.



Feasible



Identify and implement improvements.
Test and study solutions.



Involves the staff



Includes users' perspective



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Thank you!

Ethics: Cleared for submission by the MSF OCBA Medical Director

