

USING CLINICAL SIMULATIONS TO IMPROVE ATHLETE FLOW AS PART OF WORLD CUP 2022 READINESS PREPAREDNESS AT ASPETAR

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INTRODUCTION

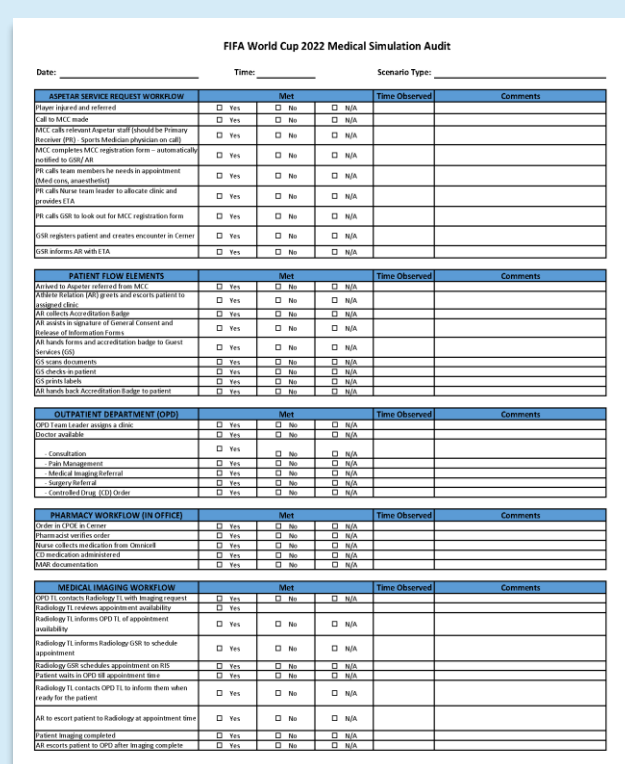
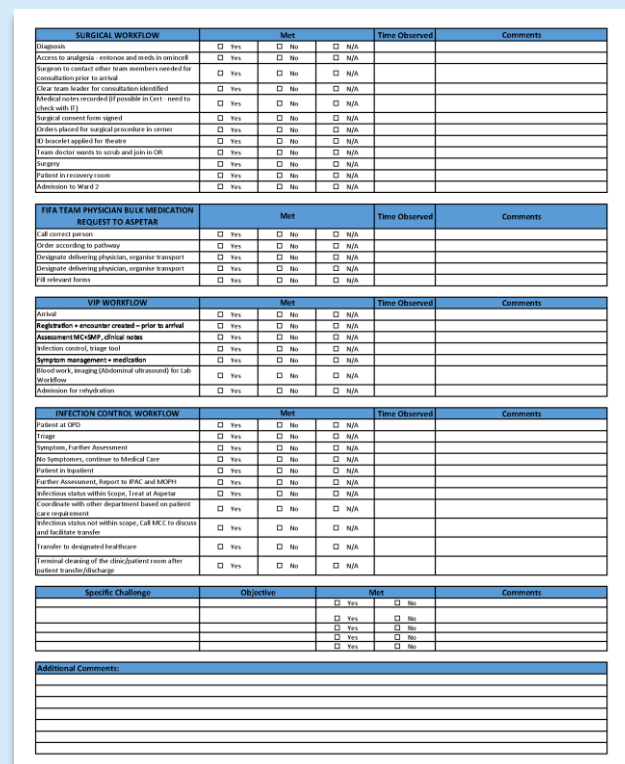
“Clinical Simulation” can be broadly defined as the use of tools, devices, and/or environment to mimic a particular aspect of clinical care. Does repeated clinical simulation improve athlete flow?

Aspetar utilized multiple clinical simulations to standardize and improve its athlete flow process from registration, clinical examination, diagnosis, treatment, discharge and follow-up as a part of the readiness preparedness for the FIFA World Cup 2022. The clinical simulations took place over a week in November 2022.

AIM

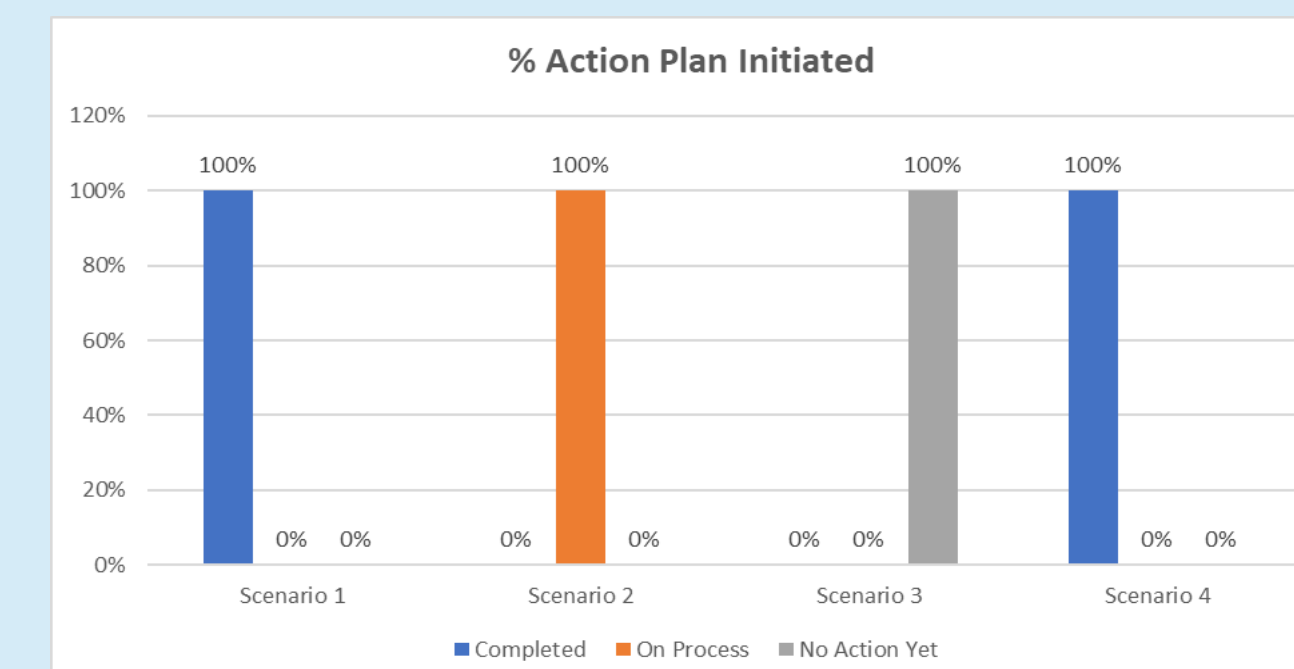
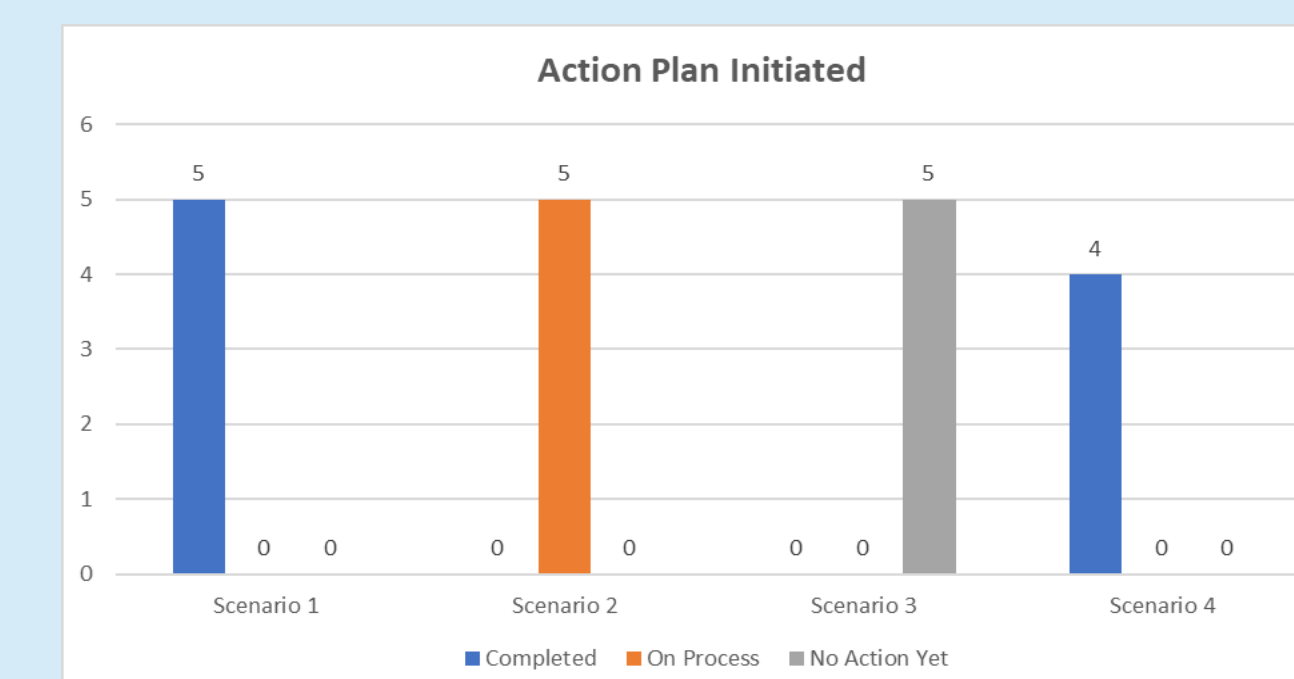
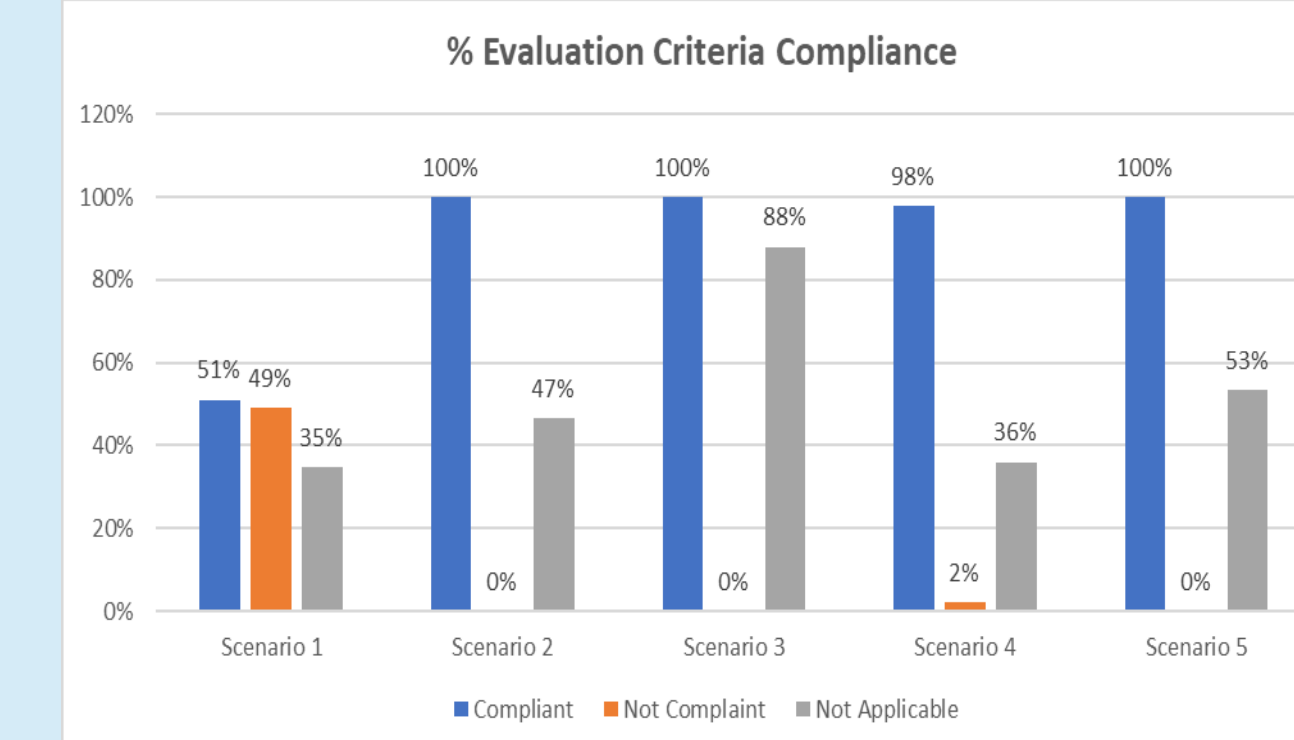
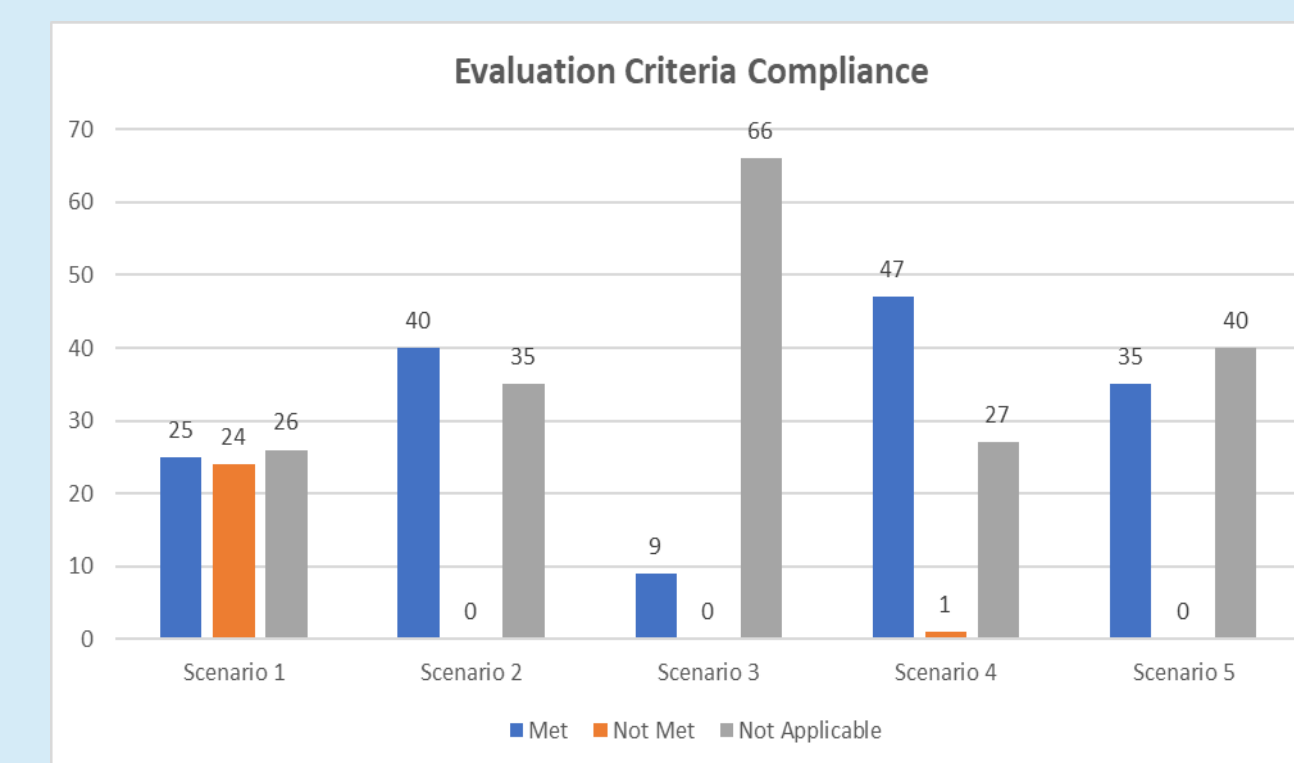
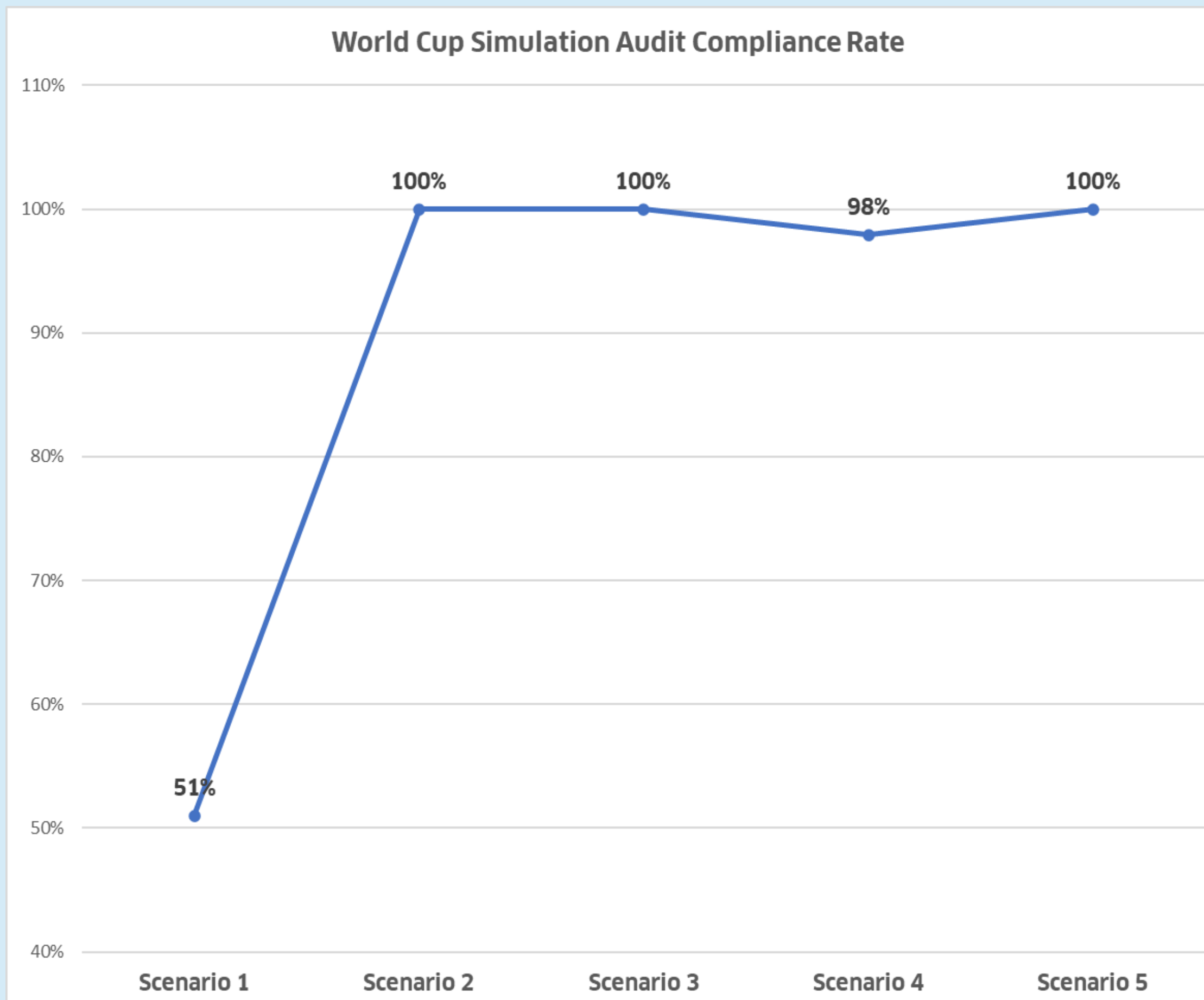
The aim of the study are to understand if clinical simulation can improve athlete flow at Aspetar FIFA World Cup 2022

The study discusses the importance of clinical simulation planning, audit tool development, implementation, debrief, evaluation and improvement as a part of FIFA World Cup 2022 readiness at Aspetar. The following audit tool was used to assess the clinical simulations.

RESULTS

The results of the clinical simulations demonstrated a consistent improvement in the performance with respect to compliance to the audit tool's elements of the athlete flow. Over five scenarios, the performance of the athlete flow improved from 51% to 100%



METHOD

Bespoke clinical and administrative workflows were created to deliver a seamless athlete experience. As a part of the process, a multi-disciplinary planning committee developed specific scenarios to mimic real-life clinical situations and tested these using clinical simulations.

Five (5) disparate scenarios including athlete injury, surgical intervention and fracture were developed and tested over the span of one week. Scenarios were conducted as a real situation and the team was not aware of the situation or timing in advance. A simulation audit sheet was developed to measure the compliance with the workflows, and it was measured during each scenario. Debrief was conducted after each scenario with the teams and improvements identified were implemented in next scenario.

CONCLUSIONS

Repeated clinical simulations led to improvement in performance with athlete flow and aided in World Cup 2022 readiness preparedness at Aspetar. Clinical simulations are a good tool to improve and standardize client flow.

Aspetar's readiness preparedness efforts resulted in:

- 52 clinical staff supporting 6 teams, FIFA Referees, FIFA Fans + Legends tournament, FIFA Legends tournament, FIFA VIPs, FIFA Concussion Program, Aspetar Recovery.
- More than 2500 hours of service delivered to World Cup activities.
- More than 1300 medical support encounters being completed.

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