

CASE STUDY

Empowering Observers in Military Medical Exercises Through Timely, AI-Assisted Reporting

A Case Study from Vigorous Warrior 26

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SECTION 01

Why This Matters

Military medical exercises are complex mission-rehearsal environments where timely observation is essential for readiness.



Photo: Vigorous Warrior 26



SECTION 02

Military Exercises as Mission Rehearsals

Exercises allow units to practice expected actions, test interoperability, validate procedures, and identify readiness gaps before real-world missions.



Photo: Vigorous Warrior 26



SECTION 03

The Observer Challenge

Observers capture critical evidence, but their input can become fragmented, delayed, or difficult to consolidate across distributed, multinational exercise environments.



Most exercises



Why Observers Matter

Observers are central to the learning system — connecting exercise events to the full evaluation chain:



SECTION 05

Case Context: Vigorous Warrior 26 (VW26)



A multinational military medical exercise; Operational and Tactical LIVEX 08-20 June 2026 in Estonia spanning:

● Multiple Units

Diverse formations operating together under a shared exercise framework (field care 1-3)

● Multiple Countries

Coalition partners training side by side in a joint environment (35 countries)

● Training Objectives

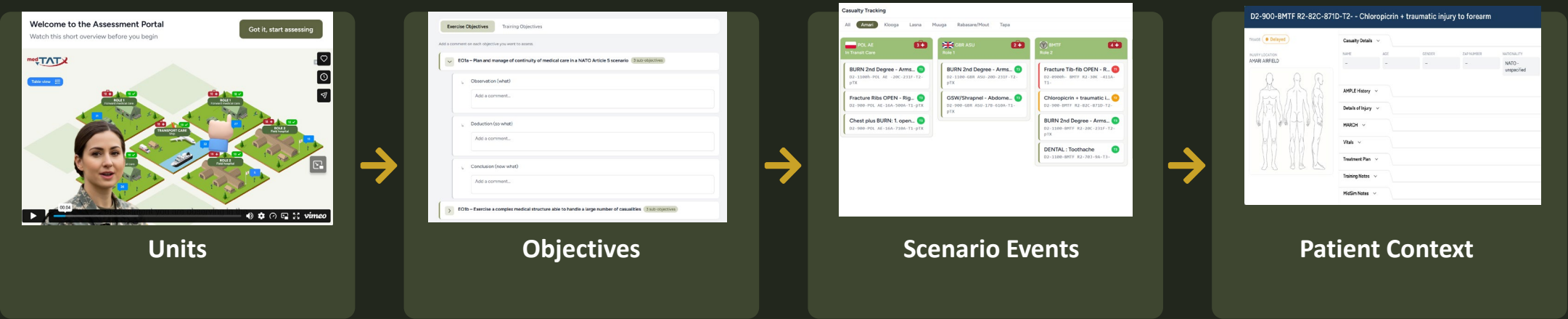
Defined goals driving scenario design and evaluation criteria.

● Scenario Events & Patient Activities

Simulated casualties and medical response scenarios over period of five consecutive days.

The Digital Observation Workflow

Offline mobile collection of structured observations and narrative comments, linked to context in a secure environment:



Scale and Evidence

1,093

STRUCTURED OBSERVATIONS &
NARRATIVE COMMENTS



Substantially higher than the previous iteration of the exercise — evidence of deeper engagement and a richer observational record.



AI-Assisted Reporting

AI supported rapid theme identification, preliminary findings, and actionable insights drawn from distributed observer inputs.

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From Observation to Readiness

- Strengthened traceability of observations
- Accelerated synthesis of findings
- Supported hot washes and AARs
- Turned exercise experience into readiness feedback



Recommended Practice

This approach to capturing observations was recommended in the First Impression Report of the exercise.

AI-assisted reporting does not replace observers.

It expands the value, visibility, and impact of their expertise.

Empowering observers means ensuring that what they see in the field can quickly become evidence for learning, improvement, and readiness.



Discussion

Questions & Comments

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