

Use Case 2 – Asynchronous Single Patient Event

The second JETS use case is to conduct a single patient, asynchronous training event. This use case is designed to accommodate environments that do not have an internet connection to other training sites, such as on a Navy ship. The micro system is operated in a local, closed network, allowing all systems to still operate on the federation, but without access to a cloud server for real time data sharing. The data from this event is still collected and stored, so it can be accessed by other sites whenever internet connection is established (or by physical data transfer).

The patient in this use case is a female patient with an amputation injury and an internal pelvic bleed. At the point of injury, the first learner treats the patient using a manikin. The patient is then handed off to the second learner, who uses a surgical simulator to continue treating the patient using a REBOA procedure. The micro system includes a physiology model, after action review system, and local instances of the TrACER assessment checklist and Learning Record Store (LRS).

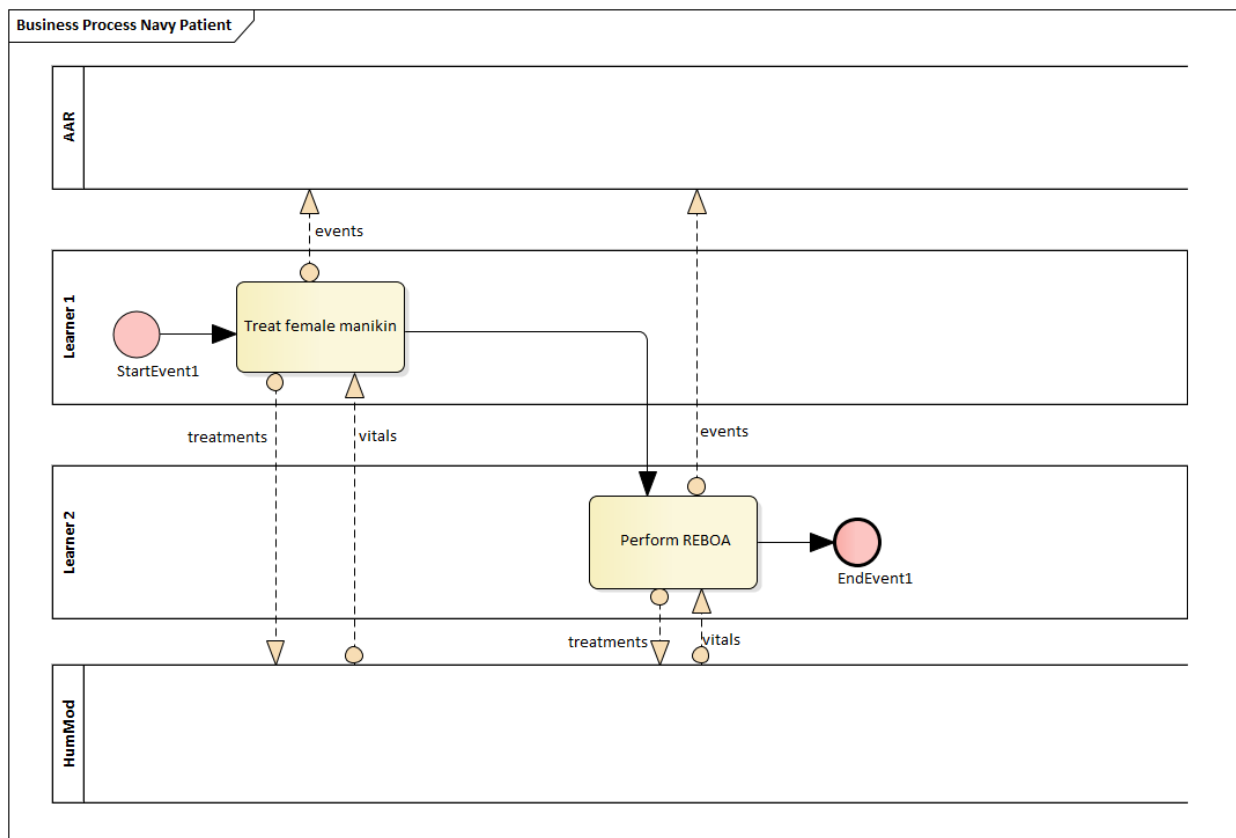


Figure 1. Use case for patient.