

CURRENT STATE SIMULATION

After the Angels Consultant presents all the steps of the consultancy process to the hospital stroke team, the next stage is to secure their commitment. During the initial presentation you agreed on the three milestones with the hospital, one of these is the date for the Current State simulation.



FUTURE STATE SIMULATION

In the multidisciplinary meeting, you have agreed with the decision makers and the entire stroke team on the future way of working prior to conducting the Future State (FS) simulation, following the steps below.

- **Step 1: Review Current State Analysis**
Start the workshop by sharing:
 - Findings from shadowing and the waste walk
 - Current State (CS) simulation findings (showing the video and the graphs of delays.)
 - Secure buy-in for the targeted hospital award status and the timeline for achieving it
- **Step 2: Present Process Mapping Outcomes**
 - Present, together with the champions, the outcome of the process mapping value-added analysis (Pathway A, B & C)
 - Facilitate a discussion within the multidisciplinary team on potential challenges related to implementing Pathway C, which will serve as the Future State pathway
- **Step 3: Agreement on New Pathway and Protocol**
 - Get agreement on the future pathway and treatment protocols for the hospital
 - Confirm that selected stroke team members will be engaged by the consultant in smaller projects to support achieving the targets
- **Step 4: Future State simulation**
 - Consolidate the Future State flow through a simulation
 - Conduct a Debriefing (emotions, plus delta, agreement of the Future State)

CURRENT STATE SIMULATION CHECKLIST



Step 1: Planning

ACTIONS	
	Proposal to stroke champion (will make contacts and provide info)
	Reconfirm date and times for simulation
	Choose volunteers: EMS, Nurse and MD ED, Nurse and MD Stroke unit/neurology, radiology, Interventional Neuroradiology, lab analyst, porter, administration, patient/relative
	Book a room in hospital for briefings (check if projector is available; check cables connections)
	Choose clinical case (Body Interact case or Brainomix case or hospital local case)
	Get hospital approvals
	Make yourself familiar with the simulation PPT (internal document)

MATERIALS
Simulation release form
Photo and Video release form
Patient consent form
Simulation PPT (internal document)

Step 2: Briefing

ACTIONS	
	Inform and prepare team
	Set goals
	Raise motivation
	Distribute simulation vests (to actors in simulation)
	Distribute observation checklists (for simulation observers)

MATERIALS
Branding
Simulation vests
Simulation observation checklist



Step 3: Simulation

ACTIONS

	Run simulation to identify bottlenecks and stroke patient pathway
	Record simulation (if compliant)

MATERIALS

Clinical scenario Body interact (Irene # 32) or own clinical case of hospital (for patient symptoms and vitals) to use as script

Clinical tests Body Interact or Brainomix (example # 2) for CT imaging

GoPro or Smartphone (if compliant)

Simulation vests

Clipboard

Time and actions tracker

Simulation observation checklist

STOP SIMULATION

- ☒ After bolus
 ☒ Admission to stroke unit
 ☒ Patient in Angio-Suite
 ☒ After decision making

Step 4: Debriefing

ACTIONS

	Reaction
	Knowledge
	Synthesis

MATERIALS

Simulation observation checklist to gather results

How to run an effective debriefing (for consultants to be prepared)

Step 5: Back Office

ACTIONS

	Prepare the first arm of the stickers exercise (Pathway A)
	Review any other important information collected during previous steps that you want to show
	Review the video (if recorded) to highlight the key moments
	Prepare Process Mapping Workshop & Stroke Champions Meeting

MATERIALS

Hyperacute Pathway Stickers

