

## 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)

# FUTURE STATE SIMULATION CHECKLIST



## Step 1: Planning

| ACTIONS |                                                                                                                                                                              |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | 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)                                                                                           |
|         | Make sure you have all hospital approvals                                                                                                                                    |

| MATERIALS                                     |
|-----------------------------------------------|
| Patient consent form                          |
| Stroke bag donation contract (if left behind) |
| Sticker exercise pathway C                    |
| Stroke Team Project Plan                      |

## 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                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------|
| Stroke team project plan (PPT)                                                                                    |
| Branding                                                                                                          |
| Simulation vests                                                                                                  |
| Simulation observation checklist                                                                                  |
| Checklists                                                                                                        |
| Items/Materials agreed on for improved pathway (e.g. RESQ data collection form, point of care device, stroke bag) |



## Step 3: Simulation

### ACTIONS

|  |                                  |
|--|----------------------------------|
|  | Run simulation                   |
|  | Record simulation (if compliant) |

### MATERIALS

Previously agreed case script

Clinical tests results for CT imaging

GoPro or smartphone

Simulation vests

Clipboard

Time and actions tracker

Simulation observation checklist

Checklists

Items/Materials agreed on for improved pathway (e.g. RESQ data collection form, point of care device, stroke bag)

### STOP SIMULATION

✓ After bolus

✓ Admission to stroke unit

✓ Patient in Angio-Suite

✓ After decision making

## Step 4: Debriefing

### ACTIONS

|  |                                                   |
|--|---------------------------------------------------|
|  | Reaction                                          |
|  | Knowledge                                         |
|  | Synthesis & agreement of the Future State pathway |

### MATERIALS

Simulation observation checklist to gather results

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

Stroke Team Project Plan

