

# Hospital procedures for the paediatric game

## Injection procedure for older kids

1<sup>st</sup> scene: Reception

Background image:



Description: Firstly, the patient arrives in the reception. The parents could be shown waiting with them and this could be a scene where the staff are introduced to them. Additionally, there could be a kind of leaflet in the magazine holder that the users could pick up to read instructions before the doctor or nurse called them to apply the cream. The user could click on the doctor or nurse to proceed to the next scene, alternatively a button could be used.

2<sup>nd</sup> scene: Applying the cream

Background image:



Description: The doctor or nurse could briefly describe what happens in this scene. After that the user can use drag the correct tool from a set of tools to apply the cream (the hospital calls it the "magic cream") on the back of the kid's hand, the elbow and the foot (both sides), which are all areas where you can see the veins clearly. To proceed, the user could click on a button.

3<sup>rd</sup> scene: Waiting for injection (this scene is optional, since we could just show passage of time at the end of the 2<sup>nd</sup> scene)

Background image:



or



Description: The patient must wait 45 minutes until the area where the cream was applied is numb. There could be a clock or timer showing the time passing (obviously a lot faster) and also an easter egg. For example, there could be a phone where the user clicks and a little game comes up, or a magazine they click on to see the cover, or thought bubbles appearing from the kid in the game, where only the positive ones should be clicked on by the user. When the time has passed, the user can click on a button to proceed.

4<sup>th</sup> scene: Injection

Background image:



Description: The doctor or nurse could briefly describe what happens in this scene. After that the user can drag the correct tool from a set of tools to inject the radioactive material

on the area that was numbed the most by the cream. The arm could be shaking slightly to show that the injection hurts a bit.

5<sup>th</sup> scene: Scan

Background image:



Description: The doctor or nurse could briefly describe what happens in this scene. After that the user could click on the bed to lay down on it, and then click on the camera to make it start. One extra feature that could be added is that the kid is putting the arms and legs outside of the bed, so the user needs to click on them so that the kid is the correct position on the bed. When the scan is finished, the user can click on a button to proceed.

6<sup>th</sup> scene: End scene

Background image:





Description: A simple scene where the doctor can just say “Well done!” or something similar to it. After that the user can click on a button to go back to the age and procedure selection.

### Ingestion procedure for older kids

1<sup>st</sup> scene: Reception

Background image:



Description: Firstly, the patient arrives in the reception. The parents could be shown waiting with them and this could be a scene where the staff are introduced to them. Additionally, there could be a kind of leaflet in the magazine holder that the users could pick up to read instructions before the doctor or nurse called them to go to the ingestion room. The user could click on the doctor or nurse to proceed to the next scene, alternatively a button could be used.

2<sup>nd</sup> scene: Ingestion

Background image:



Description: The doctor or nurse could briefly describe what happens in this

scene. After that the user could drag the plate of food from the doctor to the kid and then keep clicking on it until the food is all gone. To proceed, the user could click on a button.

3<sup>rd</sup> scene: Scan

Background image:



Description: The doctor or nurse could briefly describe what happens in this scene. After that the user could click on the bed to lay down on it, and then click on the camera to make it start. One extra feature that could be added is that the kid is putting the arms and legs outside of the bed, so the user needs to click on them so that the kid is the correct position on the bed. When the scan is finished, the user can click on a button to proceed.

4<sup>th</sup> scene: End scene

Background image:



Description: A simple scene where the doctor can just say "Well done!" or

something similar to it. After that the user can click on a button to go back to the age and procedure selection.

## Injection procedure for younger kids

1<sup>st</sup> scene: Reception

Background image:



Description: Firstly, the patient arrives in the reception. The parents could be shown waiting with them and this could be a scene where the staff are introduced to them. The doctor or nurse could describe briefly the whole process through a dialogue box before they go apply the cream. The user could click on the doctor or nurse to proceed to the next scene, alternatively a button could be used.

2<sup>nd</sup> scene: Applying the cream

Background image:



Description: The doctor or nurse could briefly describe what happens in this scene. After that the user can simply click on the cream tube to apply the cream (this is easier from the version for older kids as they don't need to drag and drop the correct tool, they only need to click on the cream tube shown) on the back of the kid's hand, the elbow and the foot (both sides), which are all areas where you can see the veins clearly. To proceed, the user could click on a button.

3<sup>rd</sup> scene: Waiting for injection (this scene is optional, since we could just show passage of time at the end of the 2<sup>nd</sup> scene)

Background image:



or



Description: The patient must wait 45 minutes until the area where the cream was applied is numb. There could be a clock or timer showing the time passing (obviously a lot faster) and also an easter egg. For example, there could be a phone where the user clicks and a little game comes up, or a magazine they click on to see the cover, or thought bubbles appearing from the kid in the game, where only the positive ones should be clicked on by the user. When the time has passed, the user can click on a button to proceed.



4<sup>th</sup> scene: Injection  
Background image:



Description: The doctor or nurse could briefly describe what happens in this scene. After that the user can click on the syringe (so it's also made easier from the version for older kids) to inject the radioactive material on the area that was numbed the most by the cream. The arm could be shaking slightly to show that the injection hurts a bit.

5<sup>th</sup> scene: Scan  
Background image:



Description: The doctor or nurse could briefly describe what happens in this scene. After that the user could click on the bed to lay down on it, and then click on the camera to start it. To make it easier than the version for older kids, the part about putting the arms and legs in the right place could be omitted. When the scan is finished, the user can click on a button to proceed.

6<sup>th</sup> scene: End scene  
Background image:





Description: A simple scene where the doctor can just say “Well done!” or something similar to it. After that the user can click on a button to go back to the age and procedure selection.

## Ingestion procedure for younger kids

1<sup>st</sup> scene: Reception

Background image:



Description: Firstly, the patient arrives in the reception. The parents could be shown waiting with them and this could be a scene where the staff are introduced to them. The doctor or nurse could describe briefly the whole process through a dialogue box before they go apply the cream. The user could click on the doctor or nurse to proceed to the next scene, alternatively

a button could be used.

2<sup>nd</sup> scene: Ingestion

Background image:



Description: The doctor or nurse could briefly describe what happens in this scene. After that the user could click on the bottle of milk (which contains the radioactive material) that the doctor is holding. This is made easier as they don't need to drag a plate and keep clicking on it until empty. After that, the user could click on a button to proceed.

3<sup>rd</sup> scene: Scan

Background image:



Description: The doctor or nurse could briefly describe what happens in this scene. After that the user could click on the bed to lay down on it, and then click on the camera to start it. To make it easier than the version for older kids, the part about putting the arms and legs in the right place could be omitted. When the scan is finished, the user can click on a button to proceed.

4<sup>th</sup> scene: End scene  
Background image:



Description: A simple scene where the doctor can just say “Well done!” or something similar to it. After that the user can click on a button to go back to the age and procedure selection.