

# Steps into building your learning curve with our application!

The first step is the most important:

**You need to define “ success” in a procedure/block.**

For example: a successful epidural produces pain relief after a certain period of time (let's say 30 minutes) or it can be if the epidural causes bilateral analgesia without a dense block at low concentrations (0.1% Chirocaine). Also we can define “success” an uneventful procedure where we are able to threat a catheter easily... and so on. Another view can be defining a successful block when is adequate for surgery. If performed awake with some analgesic supplements is ok but the patient doesn't require a GA for pain. Failure would be inadequate block for surgery and needs a GA.

For us the importance is to establish agreed definitions of what a success is, otherwise when it comes to analyze data is becomes useless.

**My personal view is as follows:**

[A successful block allows me to discharge the patient from the recovery area with no need for opioids.](#)

(Obviously the patient didn't take any during the surgical procedure)

Why do I think this way? As you all know the management of a patient who is going to have an operation requires several different skills, apart from your clinical knowledge and manual abilities. I have found in many trainees that the lack of options lead them too quickly into converting the anaesthetic technique into a general anaesthesia, without stopping and think...” may be the patient is uncomfortable because is feeling too hot under the drapes” or maybe the lower back is hurting him in a badly prepared sitting position....

Anyway, when you log into the members area and you start adding your data the second TAB will ask you for the anaesthetic technique and procedures:

Patient's Anaesthetic Details

For each field, please select from the drop-down menu. If the correct response does not appear in the list, please type your entry into the free text box to the right of each drop-down.

select from the dropdown list...
or add a new selection.

Anaesthetic 1	<input type="text"/>	add other:	<input type="text"/>
Anaesthetic 2	<input type="text"/>	add other:	<input type="text"/>
Procedure 1	<input type="text"/>	add other:	<input type="text"/>
Procedure 2	<input type="text"/>	add other:	<input type="text"/>
Procedure 3	<input type="text"/>	add other:	<input type="text"/>
Procedure 4	<input type="text"/>	add other:	<input type="text"/>
Supervision	<input type="text"/>		

As soon as you insert your procedure this will appear into the last TAB (purple) where you will have to record if the procedure was successful or unsuccessful! (See next picture)

NHS Anaes Notes General Sp/Epid Regional TCI Post-op CL

**CUSUM**

For each field, please select from the drop-down menu.

<i>Successful</i>	<i>Successful</i>	<i>Unsuccessful</i>	<i>Help</i>
Block 1	<input type="text"/>	Block Code 1	Please S
Block 2	<input type="text"/>	Block Code 2	Please S
Block 3	<input type="text"/>	Block Code 3	Please S
Block 4	<input type="text"/>	Block Code 4	Please S
Block 5	<input type="text"/>	Block Code 5	Please S
Block 6	<input type="text"/>	Block Code 6	Please S

  

Procedure 1	<input type="text"/>	Procedure Code 1	Please S
Procedure 2	<input type="text"/>	Procedure Code 2	Please S
Procedure 3	<input type="text"/>	Procedure Code 3	Please S
Procedure 4	<input type="text"/>	Procedure Code 4	Please S

This will be up to a maximum of four procedures that can be analyze in the report system by clicking “CUSUM report”

The same will apply to the sixth TAB (green) called “Regional”. When you click on that you will be linked to a series of 6 different block fields that you can fill. As soon as you are doing that the textbox in the Cusum tab will be automatically complete waiting only for the code you want to assign to the relevant block. Is that simple!!

See final picture!

## Regional Anaesthesia

For each field, please select from the drop-down menu. If the correct response does not appear in the list, please type your entry into the free text box to the right of each drop-down.

select from the dropdown list...		or add a new selection...
<b>Block 5</b>	<input type="text"/>	add other: <input type="text"/>
<b>Approach</b>	<input type="text"/>	add other: <input type="text"/>
<b>Vol. Local Anaesthetic</b>	<input type="text"/>	add other: <input type="text"/>
<b>Local</b>	<input type="text"/>	add other: <input type="text"/>
<b>N. stim</b>	<input type="text"/> <b>Threshold</b>	add other: <input type="text"/>
<b>Uss</b>	<input type="text"/> <b>Frequency</b>	add other: <input type="text"/>
<b>Catheter</b>	<b>Awake</b>	<b>Done By User</b>

select from the dropdown list...		or add a new selection...
<b>Block 6</b>	<input type="text"/>	add other: <input type="text"/>
<b>Approach</b>	<input type="text"/>	add other: <input type="text"/>
<b>Vol. Local Anaesthetic</b>	<input type="text"/>	add other: <input type="text"/>
<b>Local</b>	<input type="text"/>	add other: <input type="text"/>
<b>N. stim</b>	<input type="text"/> <b>Threshold</b>	add other: <input type="text"/>
<b>Uss</b>	<input type="text"/> <b>Frequency</b>	add other: <input type="text"/>
<b>Catheter</b>	<b>Awake</b>	<b>Done By User</b>

When you finish adding data you can go to reports and under "CUSUM" reports you can select which learning curve you want to see. It can be used for procedures and for blocks!

Thanks

Please give me some feedback!!

Rafael Blanco

