

Supplemental Material

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Nurses' perceptions on the usability of the Sensoready® autoinjector device

Questions asked during the survey

- I have an array of attributes (characteristics) that I would like to share with you regarding IBD medication autoinjector pens. Please rate the **importance of each feature** as it relates to the patient's ability to effectively use the autoinjector pen, using a scale of 1–10 where 1 is not at all important and 10 is extremely important to you.

	Array of attributes of autoinjector pens <u>in general</u>	Importance rating scale (1 = Not at all Important – 10 = Extremely Important)
1.	Ability for the patient to use independently	
2.	Ease of performing the self-injection with the pen	
3.	Ease of preparation and set-up	
4.	Ease of learning to use	
5.	Simple/self-explanatory for the patient to use	
6.	Easy to grip the pen	
7.	Visual feedback	
8.	Time taken to complete injection	
9.	Audible feedback	
10.	Right size of the pen	
11.	Storage requirements	
12.	Injection needle is concealed	
13.	Process required to initiate	
14.	Convenient shape	
15.	Pen is reusable	
16.	Pen is for one-time use	
17.	Weight of pen	

- Please rate how well the **Humira autoinjector pen** performs on each attribute. Using a scale of 1–10, where a score of 1 implies the **Humira autoinjector pen** performed poorly and a score of 10 indicates the **Humira autoinjector pen** performed extremely well, assign a score to each attribute below.

	Array of attributes of the <u>Humira</u> autoinjector pen	Performance rating scale (1 = Performed poorly – 10 = Performed extremely well)
1.	Ability for patient to use independently	
2.	Ease of performing the self-injection with the pen	
3.	Ease of preparation and set-up	
4.	Ease of learning to use	
5.	Simple/self-explanatory for the patient to use	
6.	Easy to grip the pen	
7.	Visual feedback	
8.	Time taken to complete injection	
9.	Audible feedback	
10.	Right size of the pen	
11.	Storage requirements	
12.	Injection needle is concealed	
13.	Process required to initiate	
14.	Convenient shape	
15.	Weight of pen	

- Please rate how well the **Sensoready autoinjector pen** performs on each attribute. Using a scale of 1–10 where a score of 1 implies the **autoinjector pen** performed poorly and a score of 10 indicates the **autoinjector pen** performed extremely well, assign a score to each attribute below.

	Array of attributes of the Sensoready autoinjector pen	Performance rating scale (1 = Performed poorly – 10 = Performed extremely well)
1.	Ability for the patient to use independently	
2.	Ease of performing the self-injection with the pen	
3.	Ease of preparation and set-up	
4.	Ease of learning to use	
5.	Simple/self-explanatory for the patient to use	
6.	Easy to grip the pen	
7.	Visual feedback	
8.	Time taken to complete injection	
9.	Audible feedback	
10.	Right size of the pen	
11.	Storage requirements	
12.	Injection needle is concealed	
13.	Process required to initiate the injection	
14.	Convenient shape	
15.	Weight of pen	

- Do you find it helpful to have the viewing window on the **Sensoready autoinjector pen** in order to get **visual feedback during the injection**?
- Is the **size** of the **viewing window** helpful on the **Sensoready autoinjector pen**?
- Is the **colour indicator** helpful on the **Sensoready autoinjector pen**?
- Is the **buttonless activation** helpful when using the **Sensoready autoinjector pen**?

- Thinking of the two autoinjector pens, the **Humira autoinjector pen** and the **SensoReady autoinjector pen**, I'd like to understand your perceptions on **patient usability**. For each attribute below, please indicate which autoinjector pen performs best. You may only select one pen per attribute.

	Array of attributes of autoinjector pens on <u>patient usability</u>	Performance rating scale	
		Which one performs better? (Check one for each metric)	
		Humira	Sensoready
1.	Ability for the patient to use independently		
2.	Ease of performing the self-injection with the pen		
3.	Ease of preparation and set-up		
4.	Ease of learning to use		
5.	Simple/self-explanatory for the patient to use		
6.	Easy to grip the pen		
7.	Visual feedback		
8.	Time taken to complete injection		
9.	Audible feedback		
10.	Right size of the pen		
11.	Storage requirements		
12.	Injection needle is concealed		
13.	Process required to initiate the injection		
14.	Convenient shape		
15.	Weight of pen		

- Considering your experience with the devices (regardless of the drug), which of these devices would you consider more convenient for patients with IBD?
- Which autoinjector pen's **window** makes it easiest for **viewing the progress of your injection**?