Experience

Number of US-assisted percutaneous interventions

None	<10	10-50	50-100	>100

System appearance

Please evaluate the following points regarding the appearance of the image and audio guided system.

(1: Strongly disagree - 3: Agree - 5: Strongly agree)

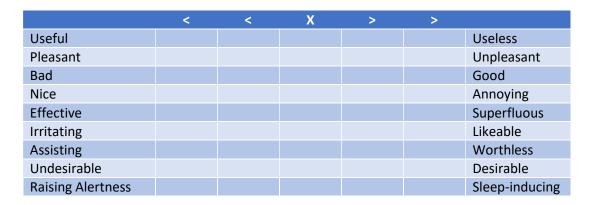|	1	2	3	4	5
The system provides a useful tool for training the needle placement under US image					
The system provides a useful tool for assisting percutaneous interventions					
The system is intuitive and takes short time to learn it					
The system is safe and does not harm the intervention in any instance					
The system does not interrupt the intervention					
The system keeps the user calm during the operation					

Audio feedback experience

Please evaluate the following points regarding the audio feedback experience while using the system.

(1: Strongly disagree - 3: Agree - 5: Strongly agree)

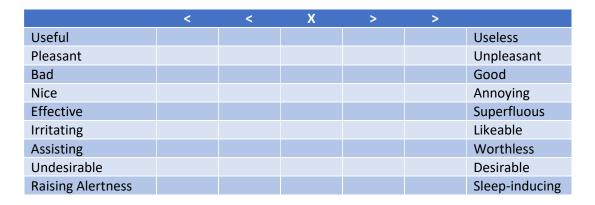|	1	2	3	4	5
The sound assistance is clear and distinguishable					
The sounds were interesting					
The sounds were easy to understand					
The sound volume is adequate					
It was easy to understand what each of the sounds represented					
It is easy to estimate the relative position of the needle tip with regard to the US image using the sound feedback					
The distance sounds made find the US image plane with the needle faster					
The orientation sounds made fit the needle into the US image plane faster					
I would recommend the system as a complementary training tool in needle placement using US image					
I would use the system as an assistance tool during a real intervention					
Which audio device do you think would be better to use with the system in order to distinguish between Left & Right sounds and comfort wise?	☐ Speakers ☐ Headphones				

Audio Feedback Acceptance Scale

Please evaluate the following adjectives regarding your experience with the audio feedback system.

	<	<	X	>	>	
Useful						Useless
Pleasant						Unpleasant
Bad						Good
Nice						Annoying
Effective						Superfluous
Irritating						Likeable
Assisting						Worthless
Undesirable						Desirable
Raising Alertness						Sleep-inducing

Image Feedback Acceptance Scale

Please evaluate the following adjectives regarding your experience with the 3D image system.

	<	<	X	>	>	
Useful						Useless
Pleasant						Unpleasant
Bad						Good
Nice						Annoying
Effective						Superfluous
Irritating						Likeable
Assisting						Worthless
Undesirable						Desirable
Raising Alertness						Sleep-inducing

COMMENTS: