

**Survey on using Telesimulation in an  
Endoscopic Sinus Surgery Dissection Course**

Date: \_\_\_\_\_ Initials: \_\_\_\_\_

Age: \_\_\_\_\_

Gender:  Male  Female

Site: RVH/JGH

Have you ever participated in an Endoscopic Sinus Surgery dissection course? Yes/No

If yes, how many have you participated in? \_\_\_\_\_

How many of these courses were conducted using cadavers? \_\_\_\_\_

How many of these courses were conducted using 3D models? \_\_\_\_\_

For OTL-HNS TRAINEES: Level of training

PGY 1

PGY 4

PGY 2

PGY 5

PGY 3

Fellow (specify subspecialty): \_\_\_\_\_

**Having completed this dissection course, we would like to evaluate your comfort level with endoscopic sinus surgery both pre- and post-dissection course.**

1. Please select one response for each of the following statements.

<b>PRE-DISSECTION COURSE, what was your COMFORT LEVEL with dissection of the following sinuses?</b>	<b>1. Requires complete hands-on guidance</b>	<b>2. Requires constant direction</b>	<b>3. Some independence Requires direction</b>	<b>4. Independent, supervisor in the room</b>	<b>5. Complete independence</b>
1.1 Maxillary sinus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 Ethmoid sinus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.3 Sphenoid sinus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.4 Frontal sinus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Please select one response for each of the following statements.

<b>POST-DISSECTION COURSE, what is now your COMFORT LEVEL with dissection of the following sinuses?</b>	<b>1. Requires complete hands-on guidance</b>	<b>2. Requires constant direction</b>	<b>3. Some independence Requires direction</b>	<b>4. Independent, supervisor in the room</b>	<b>5. Complete independence</b>
2.1 Maxillary sinus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Ethmoid sinus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 Sphenoid sinus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Frontal sinus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### 3. TECHNOLOGY

We would like to know what your experience with the **TELESIMULATION SET UP** was. Please select one response for each of the following statements.

Statement	1. Strongly Disagree	2. Disagree	3. Neutral	4. Agree	5. Strongly Agree
3.1 I can view the slides and dissection demonstration clearly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2 I could hear the lecturers clearly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3 I could interact with the lecturers over telesimulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4 I could hear the faculty clearly in the breakout room	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.5 I could interact with the faculty in the breakout room and get feedback over telesimulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.6 I felt distracted by technology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments (optional):					

### 4. EDUCATION

We would like to know what your **LEARNING EXPERIENCE** was with **TELESIMULATION** instead of the traditional in-person dissection course. Please select one response for each of the following statements.

Statement	1. Strongly Disagree	2. Disagree	3. Neutral	4. Agree	5. Strongly Agree
<b>Lectures</b>					
4.1 The lectures met my learning objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Breakout Room - Faculty</b>					
4.2 I felt engaged during the telesimulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall</b>					
4.3 I would like this type of dissection course via <b>telesimulation</b> to be a larger component of my medical education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.4 I believe this <b>telesimulation experience</b> added educational value above and beyond my learning from standard lectures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.5 I believe this type of dissection course conducted via <b>telesimulation</b> is an effective learning tool	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.6 This dissection course conducted via	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>telesimulation</b> was beneficial to my learning					
4.7 I would participate in this type of dissection course in the future.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.8 Compared to participating in a traditional in-person dissection course, this was a reasonable substitute	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments (optional):					

**5. List three STRENGTHS of this telesimulation approach.**

**6. List three WEAKNESSES of this telesimulation approach.**

**7. Recommendations to improve on this telesimulation approach.**

**8. Comments:**

*Thank you for your time.*