

Default Question Block

Please indicate your PGY level

- 1
- 2
- 3
- 4
- 5

Block 2

Please indicate your level of agreement with the following statements regarding **resident influences** on operative autonomy:

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
I come to the operating room well-prepared for the case	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Our graduating chief residents are generally well-prepared to operate independently	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attendings would give me more autonomy in the OR if I took more ownership of their patients	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attendings would let me do more in the operating room if I had a better reputation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Residents with a high level of clinical skill are given more autonomy in the operating room	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would be given more autonomy from an attending if I were on his or her service for a longer time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would be given more autonomy if my work hours were not restricted	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The amount of autonomy I receive is solely based on my PGY level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Has a patient ever developed a complication directly resulting from your participation in the case?

- Yes
- No

Do you think this has subsequently affected the level of autonomy you receive in the operating room?

- Yes
- No

Block 3

Please indicate your level of agreement with the following statements regarding **attending influences** on resident operative autonomy:

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
I would be given more autonomy if attendings weren't worried about being sued	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
An attending generally gives more autonomy in the OR later in his or her career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am given more autonomy from the attendings that can fix almost any mistake I can make	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attendings that perform more complex operations give less me autonomy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attendings are generally happy to have me in the operating room with them	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attendings often verbalize their thinking and decision-making when they are leading an operation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In the last year, have you ever been left in the operating room and allowed to operate without attending supervision (not including closing incisions)?

- Yes
- No

Block 4

Please indicate your level of agreement with the following statements regarding **external influences** on resident operative autonomy:

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
I would be given more autonomy in the OR if our institution wasn't so focused on efficiency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would be given more autonomy if patient outcomes were less scrutinized	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OR staff judge the attending negatively when they allow me to struggle through an operation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would be allowed to do more in the operating room if attendings had more operating time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The culture of this residency program promotes resident operative autonomy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall, I am given an appropriate level of autonomy in the operating room	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In general, what level of autonomy do you receive at each institution and overall in our residency?

- 1 = No autonomy.** You barely participate in most operations.
- 4 = Some autonomy.** You lead simple cases or non-critical portions of operations and assist with complex cases or critical portions of operations.
- 7 = Complete autonomy.** You lead most operations. The attendings frequently do not scrub.

	No autonomy			Some autonomy		Complete autonomy	
	1	2	3	4	5	6	7
UH Cleveland Medical Center	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MetroHealth Medical Center	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cleveland VA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What are the most significant barriers to resident autonomy in the operating room? (Select up to **three** answers)

- Ease of operation
- Attending's confidence level

- Potential for malpractice lawsuit
- Duty hour/time restrictions
- Focus on patient outcomes
- Resident's clinical skill
- Patient expectations
- Resident reputation
- Attending's familiarity with resident
- Focus on efficiency
- Resident's personal confidence level
- Resident PGY level
- Other

Block 5

Please indicate your level of agreement with the following general statements:

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
Allowing residents more autonomy in the operating room puts patients at risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Resident education is the attending's personal responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am often allowed to struggle through the difficult parts of an operation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A senior resident should be allowed to complete a straightforward operation with only minimal guidance from the attending	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Residents should be allowed to make important decisions in the operating room	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Residents should develop their operative skills through simulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What are the attributes of an effective operating room teacher? (Choose as many as apply)

- Older/more senior
- Younger/more junior
- Provides significant autonomy
- Verbalizes thinking and decision-making
- Fellowship trained
- High level of technical skill
- Affability/easy-going demeanor
- Other

Block 6

What can residents do to improve their operative education?

What can faculty do to improve resident operative education?

What can be asked of department/hospital/residency leadership to improve resident operative education?

Please provide additional comments if desired:

Default Question Block

Please indicate your primary institution

- University Hospitals
- MetroHealth
- Cleveland VA

Block 1

In which decade did you complete your final year of residency training?

- Before 1980
- 1980-1989
- 1990-1999
- 2000-2009
- 2010-Present

In what geographical region did you complete residency training?

- Northeast
- Midwest
- South
- West
- Outside of United States

Did you complete fellowship training?

- Yes
- No

Block 2

Please indicate your level of agreement with the following statements regarding **resident influences** on operative autonomy:

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
Residents are well-prepared for my cases	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Our graduating chief residents are generally well-prepared to operate independently	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would give residents more autonomy in the OR if they took more ownership of my patients	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If a resident has a good reputation, I let them do more in the operating room	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I give more autonomy to residents that exhibit a high level of clinical skill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would allow a resident more autonomy if they were on my service for a longer time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
I would give residents more autonomy in the OR if their work hours were less restricted	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The amount of autonomy I give a resident is solely based on their PGY level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Has a patient of yours ever developed a complication directly resulting from a resident's participation in the case?

- Yes
 No

Has this subsequently affected the level of autonomy you give residents in the operating room?

- Yes
 No

Block 3

Please indicate your level of agreement with the following statements regarding **personal factors** influencing resident operative autonomy:

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
I would give residents more autonomy if there was less chance of being sued	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I will give residents more autonomy as I progress in my career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can fix almost any mistake a resident can make in the OR	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My cases are often too complex for residents to have a more prominent role in the operation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have an obligation to personally see my patient through their surgery	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am an effective teacher in the operating room	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The residents like operating with me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I give residents the appropriate level of autonomy in the operating room	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In the last year, have you ever left the operating room and allowed the resident to operate without your supervision (not including closing incisions)?

- Yes
 No

Why not?

Block 4

Please indicate your level of agreement with the following statements regarding **external influences** on resident operative autonomy:

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
I would give residents more autonomy in the OR if our institution wasn't so focused on efficiency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would give residents more autonomy if patient outcomes were less scrutinized	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The OR staff judge me negatively when I allow the resident to struggle through an operation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would teach more in the operating room if I had more block time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The culture of my institution promotes resident operative autonomy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What are the most significant barriers to resident autonomy in the operating room? (Select up to **three** answers)

- Ease of operation
- Resident's confidence level
- Potential for malpractice lawsuit
- Duty hour/time restrictions
- Focus on patient outcomes
- Observed clinical skill of resident
- Patient expectations
- Resident reputation
- Familiarity with resident
- Focus on efficiency
- My personal confidence level
- Resident PGY level
- Other

Block 5

Please indicate your level of agreement with the following general statements:

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
Allowing residents more autonomy in the operating room puts patients at risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Resident education is my personal responsibility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I often let the resident struggle through the difficult parts of an operation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A senior resident should be allowed to complete a straightforward operation with only minimal guidance from me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Residents should be allowed to make important decisions in the operating room	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Residents should develop their operative skills through simulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I verbalize my thinking and decision-making when I am leading an operation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In general, what level of autonomy do you provide residents in the operating room?

1 = No autonomy. Residents barely participate in your operations.

4 = Some autonomy. You allow residents to lead simple cases or non-critical portions of operations and make some decisions. You allow residents to assist in complex cases or critical portions of operations.

7 = Complete autonomy. You allow residents to lead most operations and make critical decisions. You frequently do not scrub.

No autonomy

1

2

3

Some autonomy

4

8

5

6

Complete autonomy

7

Block 6

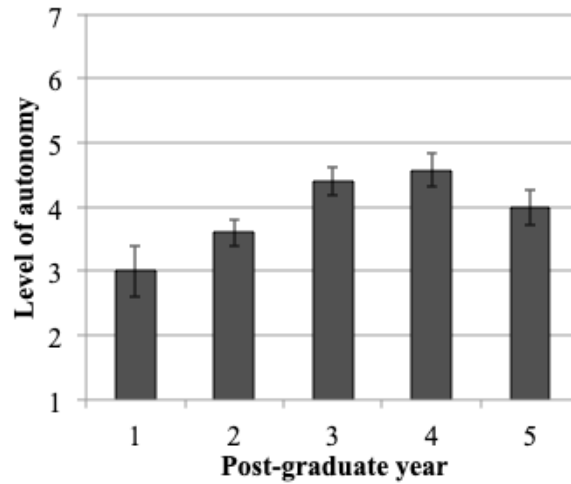
What can residents do to improve their operative education?

What can faculty do to improve resident operative education?

What can be asked of department/hospital/residency leadership to improve resident operative education?

Please provide additional comments if desired:

Overall Level of Autonomy Reported by Postgraduate Year



Resident-Reported Attributes of an Effective Operating Room Teacher

