**Clinical Informatics Survey**

We are surveying anesthesiologists board-certified in both Anesthesiology and Clinical Informatics to assess the roles of and value added by anesthesiologist-informaticians. Currently, there are 36 individuals, like you, with such qualifications. We would appreciate your participation in our project.

1. What is your background/training/experience that qualified you to be accepted in the practice pathway for the informatics boards? (Please check all that apply)

[ ]  Informatics fellowship (unaccredited)

[ ]  Informatics fellowship (accredited)

[ ]  Master’s or PhD in informatics

[ ]  Informatics work experience

Please describe:

[ ]  Other

Please describe:

1. Where do you see patients? (Please check all that apply)

[ ]  Operating Room

[ ]  Pain Clinic

[ ]  Pre-admission Testing Clinic

[ ]  ICU

[ ]  Elsewhere:

[ ]  I am no longer seeing patients

1. If you do see patients, typically how many days per week do you do so?

 [ ]  1 [ ]  2 [ ]  3 [ ]  4 [ ]  5 [ ]  6 [ ]  7 [ ]  N/A

1. Do you have an informatics role in your anesthesia department?

 [ ]  No [ ]  Yes

 If Yes, please describe your role:

1. Do you have an informatics role in your institution outside your department?

 [ ]  No [ ]  Yes

 If Yes, please describe your role:

1. Do you write code or program in clinical applications as part of your job?

[ ]  Daily

[ ]  Several days each week

[ ]  Several days each month

[ ]  Several days each year

[ ]  Never

1. What do you see as critical future issues/directions for anesthesia informatics?
2. Should we encourage interest/participation of anesthesiologists in informatics?

 [ ]  Yes [ ]  No

 If No, please explain why not:

1. If you had to do it all over, would you have taken the Clinical Informatics Boards?

[ ]  Yes [ ]  No

 If No, please explain:

1. Have you received value from passing your Clinical Informatics Boards?

[ ]  No [ ]  Yes

 If Yes, please explain the value:

1. Do you think once a full 2-year ACGME fellowship is required for Clinical Informatics Board Certification, a substantial number of anesthesia residents will elect to do this? Please check the box corresponding to your opinion.

 [ ]  [ ]  [ ]  [ ]  [ ]

 Highly Unlikely Unlikely Possible Probable Highly Likely

1. Please add any additional comments you would like to share:

Thank you for your time.

**Supplemental Analysis: Lack of associations between potentially meaningfully related responses**a

Testing association between response to question 1 {What is your background/ training/ experience that qualified you to be accepted in the practice pathway for the informatics boards?} and responses to questions 4, 5, and 6 were planned. However, there was only one response to question 1 with > 5 respondents. Furthermore, in response to the first 3 response option of any informatics training, there were only 4 respondents total. Therefore, no associations were applicable for testing.

Question 3 {If you do see patients, typically how many days per week do you do so?} and
Question 4 {Do you have an informatics role in your anesthesia department? Yes, No}.
The Wilcoxon-Mann-Whitney *P* = 0.15

Question 3 {If you do see patients, typically how many days per week do you do so?} and
Question 5 {Do you have an informatics role in your institution outside your department? Yes, No}.
The Wilcoxon-Mann-Whitney *P* = 0.66.

Question 4 {Do you have an informatics role in your anesthesia department? Yes, No} and
Question 6 {Do you write code or program in clinical applications as part of your job?}.
The Wilcoxon-Mann-Whitney *P* = .64.

Question 5 {Do you have an informatics role in your institution outside your department? Yes, No} and
Question 6 {Do you write code or program in clinical applications as part of your job?}.
The Wilcoxon-Mann-Whitney *P* = .12.

a All calculations were performed using StatXact-11. In the body of the paper, there are 95% exact confidence intervals calculated using the method of Blyth-Still-Casella (StatXact-11, Cytel, Cambridge, MA). These are independent analyses, even though the question responses represent multivariate data. Associations among potentially meaningfully related responses were therefore tested using Wilcoxon-Mann-Whitney tests. The findings of the current table show that none was significant.