Journal Club Resident Survey

Start of Block: Default Question Block

Q1 **Consent Cover Letter*Internal Medicine Journal Club Curriculum Change*** The purpose of this research study is to assess the impact of the changes made to the Outpatient Journal Club format on resident attitudes toward critical appraisal of medical literature and enjoyment of the conference. We are doing this study because we want to ensure any changes made to your education are resulting in improvements, and learn if there are additional ways that we could improve your education.  To participate in this study, we ask that you complete the following survey. Your participation will help improve medical training in Internal Medicine, but you may have not experience any direct benefit.  
 All data collected will be confidential and de-identified for analysis. Only the study’s PI and co-PIs will have access to the data, which will be stored on a two factor identification protected online server. If you have any questions complaints or if you feel you have been harmed by this research please contact Dr. Brian Locke at brian.locke@hsc.utah.edu with the Division of General Internal Medicine. Contact the Institutional Review Board (IRB) if you have questions regarding your rights as a research participant. Also, contact the IRB if you have questions, complaints or concerns which you do not feel you can discuss with the investigator. The University of Utah IRB may be reached by phone at (801) 581-3655 or by e-mail at irb@hsc.utah.edu.   It should take *an estimated 10 minutes* to complete the questionnaire. Participation in this study is voluntary. You can choose not to take part. You can choose not to finish the questionnaire or omit any question you prefer not to answer without penalty or loss of benefits. By returning this questionnaire, you are giving your consent to participate.  
   
 Thank you for your participation in improving residency education!

* I consent to participate (3)
* I do not wish to participate (4)

Skip To: End of Survey If Consent Cover Letter Internal Medicine Journal Club Curriculum Change   The purpose of this resea... = I do not wish to participate

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Q2   
How important do you believe it is achieve the following learning goals in Outpatient Journal Club? Move the slider to rate from 0 (completely unimportant) to 100 (absolutely crucial)

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| --- | --- | --- | --- |
|  | Completely Unimportant | Somewhat Important | Absolutely Crucial |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

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| --- | --- |
| Improve ability to assess and utilize clinical practice guidelines () |  |
| Improve ability to appraise primary literature (individual studies) () |  |
| Increase knowledge of statistics and methodology used in medical literature () |  |
| Improve likelihood of utilizing evidence to make decisions at the point of care () |  |
| Increase interest in evidence-based medicine and critical appraisal of medical literature () |  |
| Develop effective habits for staying up to date with changing recommendations () |  |

Q4 What is your level of training?

* PGY1 (1)
* PGY2 (2)
* PGY3 (3)
* PGY4+ / Alumni (4)

End of Block: Default Question Block

Start of Block: PGY2-3 Questions

Q6 Have you attended an outpatient journal club since the format was changed in August 2019?

* Yes (1)
* No (2)

End of Block: PGY2-3 Questions

Start of Block: Curriculum Comparison

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Q7 For the following goals, compare the outpatient journal club format prior to August 2019 (presentation of 2 individual articles) to the new journal club format (an article, a practice guideline, and a hypothetical case):

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| --- | --- | --- | --- | --- | --- |
|  | Strongly favors old format | Weakly favors old format | No difference | Weakly favors new format | Strongly favors new format |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 |

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| --- | --- |
| **Sessions help me appraise individual articles** *Example Objectives* *identify key components of a study's methodology such as end points, inclusion criteria, etc.* *assess possible effects of bias, confounding, chance on a study's results* () |  |
| **Sessions help me interpret and apply clinical practice guidelines** *Example Objectives:*  *distinguish strength of recommendation from strength of evidence.*  *identify recommendations sensitive to patient preferences and values.* () |  |
| **Sessions increase my comfort with statistics and methodology** *Example Objectives:* *understand the relationship of sample size, effect size, and power* *explain the benefits and drawbacks of discrete vs composite end-points or per-protocol vs intention-to-treat analysis* () |  |
| **Sessions increase my interest in evidence-based medicine and critical appraisal of medical literature** *Example Objectives:* *empowered to investigate clinical questions and determine a course of action independently* *identify shortcomings in current structure of biomedical knowledge generation and dissemination* () |  |
| **Sessions help me develop effective habits for staying current with new studies and recommendations** *Example objectives:* *sessions help me target my readings to the mst relavent and important source for a given question* *sessions help me assimilate to evidence into my practice pattern and apply guidelines to individual patient circumstances.* () |  |
| **Sessions are enjoyable to participate in** () |  |
| **Sessions are a valuable use of time** () |  |
| **Overall assessment of the two formats** () |  |

End of Block: Curriculum Comparison

Start of Block: PGY1 Questions

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Q3 In ambulatory journal clubs this year (2019-2020), please rate the following on a -5 (strongly disagree) to 5 (strongly agree) scale:

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| --- | --- | --- | --- |
|  | Strongly Disagree | Neutral | Strongly Agree |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 |

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| --- | --- |
| **Journal Club helps me learn to appraise individual articles** *Example Objectives:* *identify key points of study methodology such as end points and inclusion criteria* *assess the possible effect of bias, confounding, and chance in a study result* () |  |
| **Journal Club helps me interpret and apply clinical practice guidelines** *Example Objectives:* *disgtinguish strength of recommendation from strength of evidence* *identify recommendations sensitive to patient preferences and values* () |  |
| **Journal Club increases my comfort with statistics and methodology** *Example objectives:* *understand the relationshipo between sample size, effect size, and power* *explain the benefit and drawbacks of composite vs discrete endpoints or intention-to-treat vs per-protocol analysis* () |  |
| **Journal Club increases my interest in evidence-based medicine and critical appraisal of medical literature** *Example objectives:* *I can identify shortcomings in the current structure of biomedical knowledge generation and dissemination* *I feel empowered to investigate clinical questions and determine a course of action independently* () |  |
| **Journal Club has helps me develop effective habits for staying current with new studies and recommendations** *Example Objectives:* *journal clubs help me target my readings to the most relavent and important source for a given question* *sessions help me assimilate new evidence into my clinical practice pattern and apply recommendations to individual patient circumstances* () |  |
| **Journal club is enjoyable to participate in** () |  |
| **Journal club is a valuable use of time** () |  |
| **I am satisfied with journal club overall** () |  |

End of Block: PGY1 Questions

Start of Block: Alumni Questions

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Q8 Considering the ambulatory journal clubs that you have attended (prior to Fall 2019), please rate the following on a -5 (strongly disagree) to 5 (strongly agree) scale:

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| --- | --- | --- | --- |
|  | Strongly Disagree | Neutral | Strongly Agree |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 |

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| --- | --- |
| **Journal Club helped me learn to appraise individual articles** *Example Objectives:* *identify key points of study methodology such as end points and inclusion criteria* *assess the possible effect of bias, confounding, and chance in a study result* () |  |
| **Journal Club increased my comfort with statistics and methodology** *Example objectives:* *understand the relationshipo between sample size, effect size, and power* *explain the benefit and drawbacks of composite vs discrete endpoints or intention-to-treat vs per-protocol analysis* () |  |
| **Journal Club increased my interest in evidence-based medicine and critical appraisal of medical literature** *Example objectives:* *I can identify shortcomings in the current structure of biomedical knowledge generation and dissemination* *I feel empowered to investigate clinical questions and determine a course of action independently* () |  |
| **Journal Club has helped me develop effective habits for staying current with new studies and recommendations** *Example Objectives:* *journal clubs help me target my readings to the most relavent and important source for a given question* *sessions help me assimilate new evidence into my clinical practice pattern and apply recommendations to individual patient circumstances* () |  |
| **Journal club was enjoyable to participate in** () |  |
| **Journal club was a valuable use of time** () |  |
| **I am satisfied with my experience of journal club overall** () |  |

End of Block: Alumni Questions