Appendix 1

*Survey*

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| **The Use of Free Online Educational Resources by Residents and Program Directors** |
| 1. Do you use free online resources?
 |
| I use the following for LEARNING/ PROFESSIONAL/ACADEMIC/ MEDICAL/PATIENT CARE purposes (Never, Monthly, Weekly, or Daily) | -Twitter-Facebook-Google+-eTextbooks-Podcasts (e.g., EMCrit)-Video podcasts | -Medical blogs-Wikis-Online file sharing-Online question and answer sites-Other |
| 1. Why do you use free online resources?
 |
| I use free online resources.(Yes or No) | -For general EM education-To learn about procedures or variations in technique-To learn interpretive skills-To be directed to primary literature-To investigate controversial areas of EM unresolved in core texts-To answer a question while providing care for an ED patient-To connect with other EM trainees-To connect with other EM educators-To connect with peers in EM and related fields |
| 1. How do you use free online resources?
 |
| I read/watch/listen to content. (Yes or No)I interact with other users and/or content creators. (Yes or No)I create content and share it online. (Yes or No) |
| 1. Do you decide which resources to use?
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| Please rank factors that influence your choice of free online resources.(Not important, Minimal importance, Neutral, Important, Very important) | Clearly identifiable author and credentialsReferences are providedResource that undergoes formal pre-publication peer-reviewAuthors provide unbiased content, citing opinions other than their own when appropriateContent is “cutting edge”/innovativeAuthors use principles of evidence-based medicineEntertainment or “Edu-tainment” value of resourceA peer referred you to the resourceA faculty member referred you to the resourceEase of accessOther |
| 1. How do online resources affect use of primary literature?
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| -Overall, free online resources \_\_\_\_\_\_\_ my use of primary literature. (Increase/Decrease)-I read \_\_\_\_\_\_\_ primary studies in full because of free online resources. (More/Fewer)-I read \_\_\_\_\_\_\_ critical appraisals of studies because of free online resources. (More/Fewer)-For every original publication discussed on free online resources, how frequently do you access the original article? 0% - I access no original articles, 100% - I access all original articles (0–25%, 25–50%, 50–75%, 75–100%) |
| 1. How much do you use free online resources relative to classical resources?
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| Please rank the top three of the following resources in terms of their overall contribution to your EM education:(1, 2, 3) | -Textbook-eTextbook-Subscription-based resource-Primary literature | -Podcast or video-podcast-Medical blog-Wiki-Other |