

# Information Seeking Behaviors of LVHN Providers: Implications for Future Educational Resource

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## Published In/Presented At

Stewart, M. Barraco, R. Karagias, M. Reynolds, S. Davies, J. Molnar, M. Postlethwaite, R. Werbeckes, N. Mhaskar, R. Kane, B. (2018, March). *Information Seeking Behaviors of LVHN Providers: Implications for Future Educational Resource*. poster Presented at: 2018 SELECT Capstone Posters and Presentations Day. Kasych Family Pavilion, Lehigh Valley Health Network, Allentown, PA.

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# Information Seeking Behaviors of LVHN Providers: Implications for Future Educational Resource

Stewart M, Barraco R, Karagias M, Reynolds S, Chan R, Davies J, Molnar M, Postlethwaite R, Werbeckes N, Mhaskar R, Kane B

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## Introduction/Hypothesis

Health care providers regularly face the challenge of finding, evaluating and discussing an expanding medical literature with patients. The LVHN library provides a variety of resources to assist in this. However, it is unclear if providers regularly use, or are interested in using, the resources provided and, further, what sort of future educational interventions they would prefer from the LVHN Department of Education (DOE).

## Introduction/Hypothesis

This interim analysis of a larger cohort seeks to identify:

- What resources providers use
- Preferred DOE areas of intervention (related to resource access and/or educational sessions)
- Preferred modalities, frequency, and location of delivered faculty development sessions

## Methods

After IRB approval, this unrestricted educational grant funded prospective project was conducted at an affiliated academic medical center.

- Members of the medical staff were eligible to be enrolled.
- The study consisted of a scripted interview using previously validated methodology including specific questions and analytic techniques.
  - All interviewers were trained by the lead author of the prior study.
- Interviews were recorded and transcribed.
- Analysis was single-coded, qualitative, and presented with descriptive statistics.
- Data consists of an interim analysis of providers across the following broad specialties:
  - Internal Medicine (16 providers, 0 subspecialists)
  - Emergency Medicine (13 providers, 0 subspecialists)
  - Surgery (24 providers, 23 subspecialists)
  - Pediatrics (9 providers, 0 subspecialists)
  - Family Medicine (16 providers, 0 subspecialists)

## Results

Providers who consented to participate in the study had their responses coded and analyzed in this interim sampling. The most common sources used by providers in each specialty, described in Figure 1, are as follows:

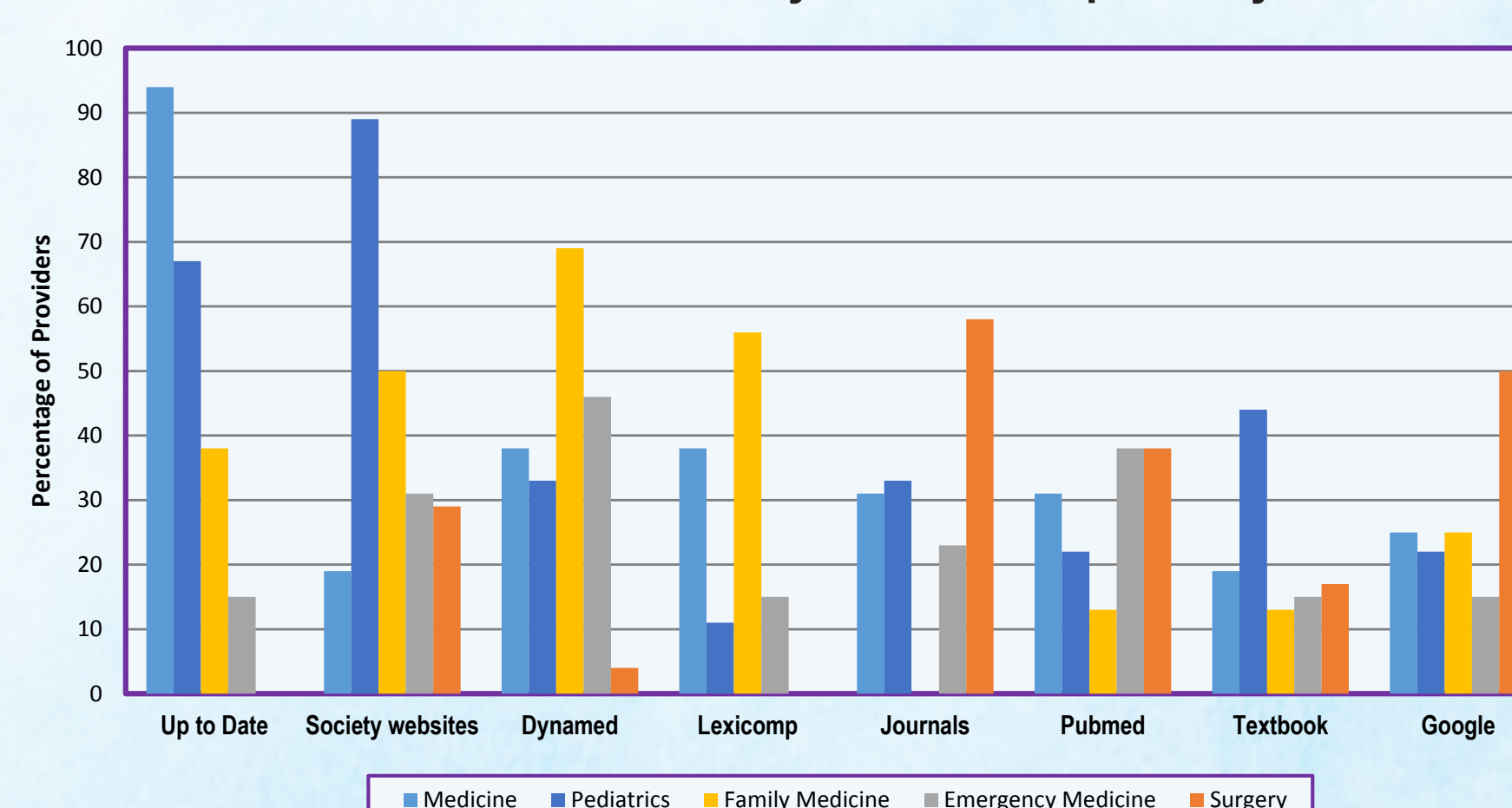
- IM- UpToDate (94%)
- Surgery- Journals (58%)
- FM- Dynamed (69%)
- Peds- Society websites (89%)
- EM- Dynamed-46%

The most often requested area of DOE intervention, described in Figure 2, was “Resource Navigation” across specialties. The term, “Resources” included the navigation of library resources and specialty specific resources, efficient searching at the point of care, and specific program (i.e. Dynamed, Visual Dx, etc) or database navigation.

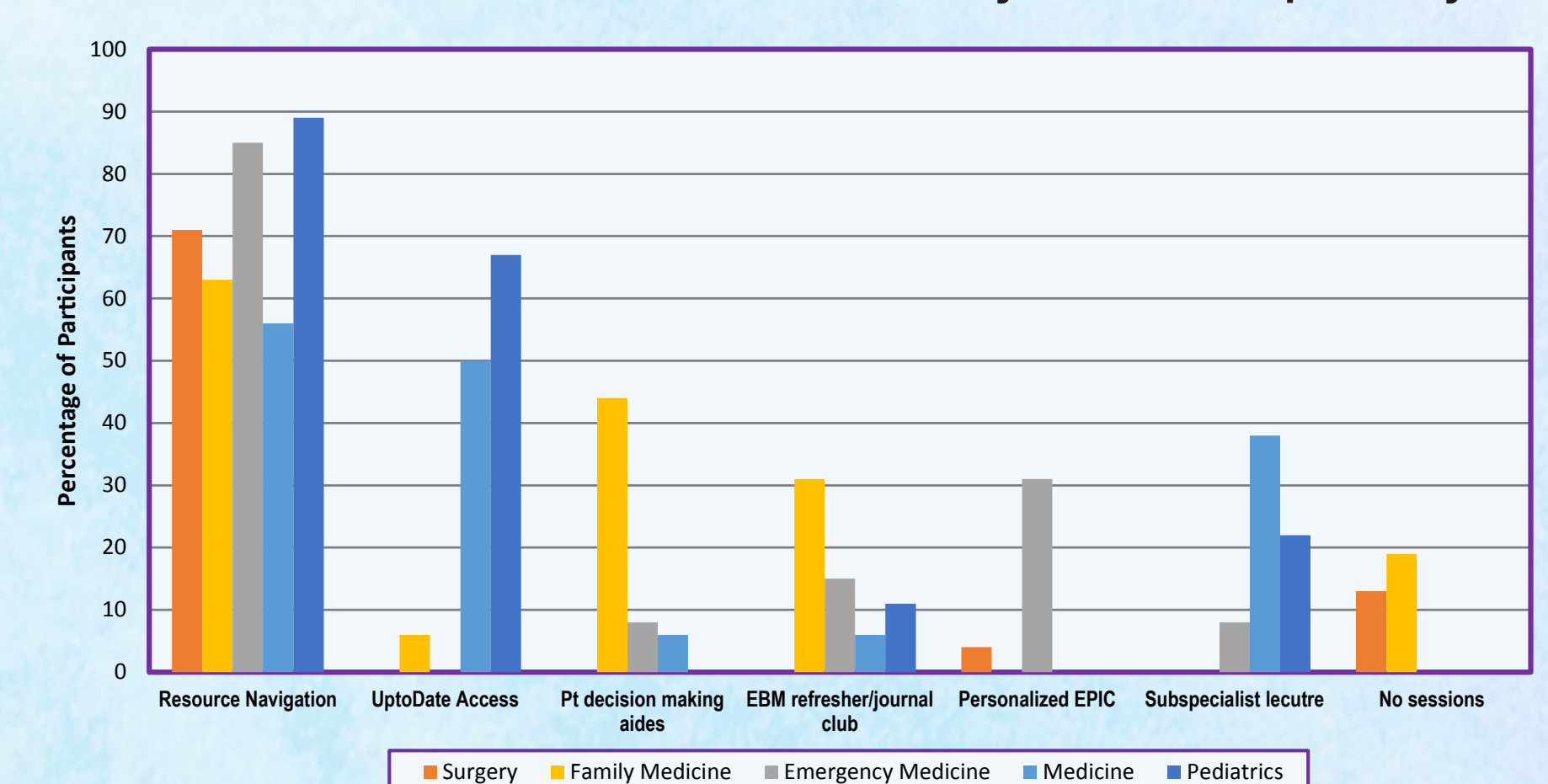
Data on preferences of teaching modalities (Figure 3), desired frequency of sessions (Figure 4), and location (Figure 5) are shown below.

Un-coded or unanalyzed input from the remaining providers who consented to this study are pending.

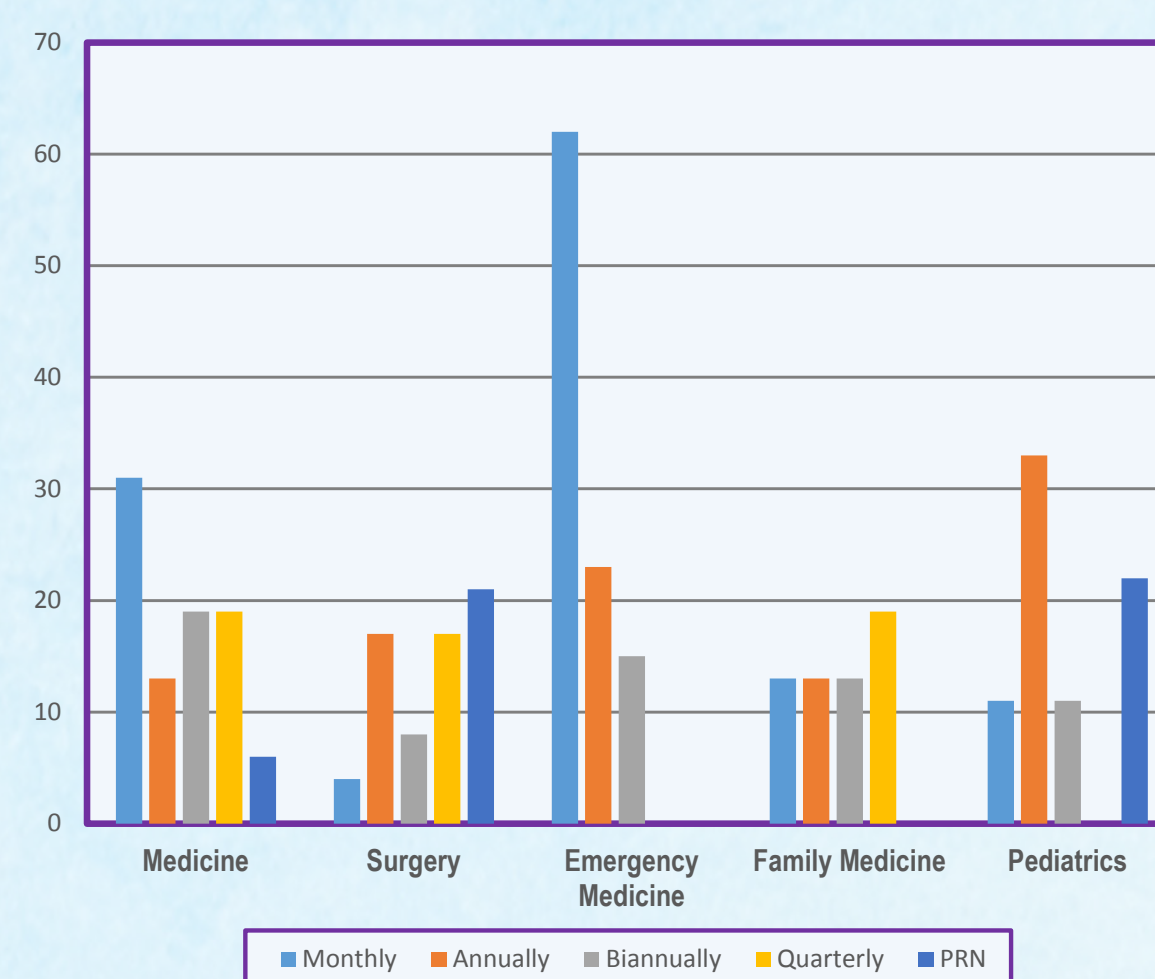
Sources Cited by Provider Specialty



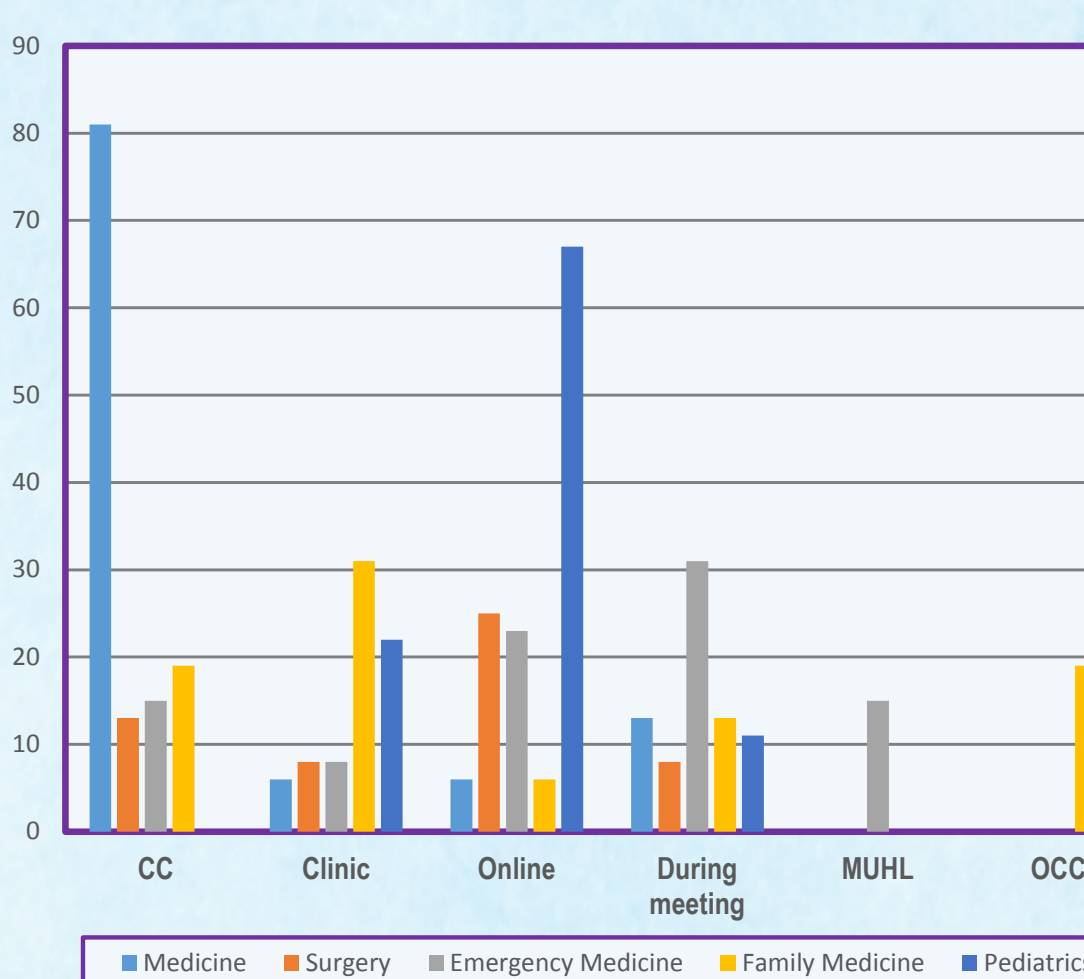
Areas of Intervention Preferred by Provider Specialty



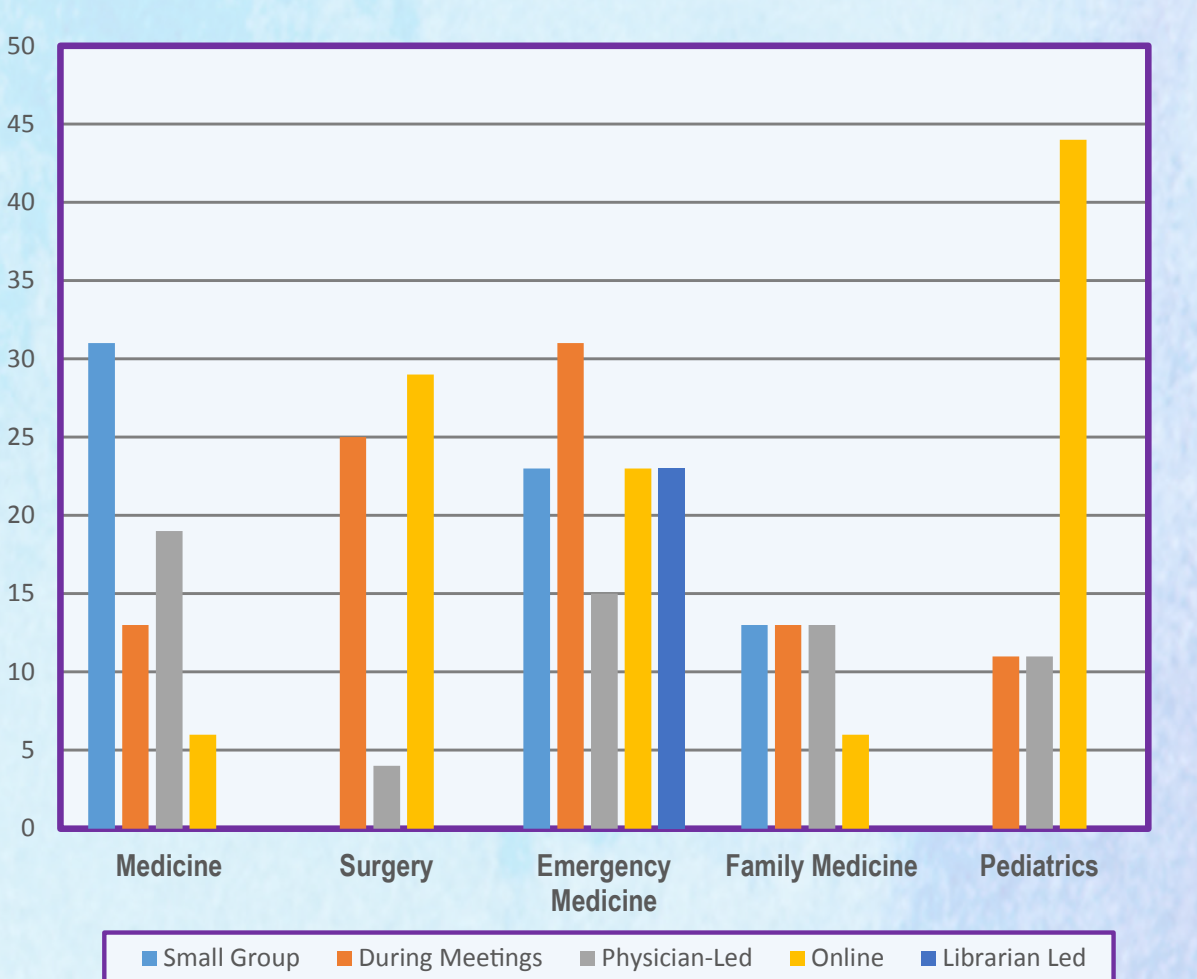
DOE Interventions-Preferred Frequency



DOE Interventions-Preferred Location



DOE Interventions-Preferred Modality



## Conclusions

- In this single site pilot cohort, the information-seeking needs and faculty development preferences of providers related to evidence searching vary among specialties.
- However, among these participants, educational sessions on resource navigation were the most frequently requested intervention across specialties.
  - This may be an important theme to address in future DOE faculty development sessions.
- It is also clear that UpToDate is still highly used and desired, particularly among medical and pediatric providers surveyed, despite the cost providers must pay either out-of-pocket or using CME funding.
- Addressing these themes among providers in regards to their needs and preferences in their information seeking process may help guide future programming and directly impact the quality of our patient care.

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