



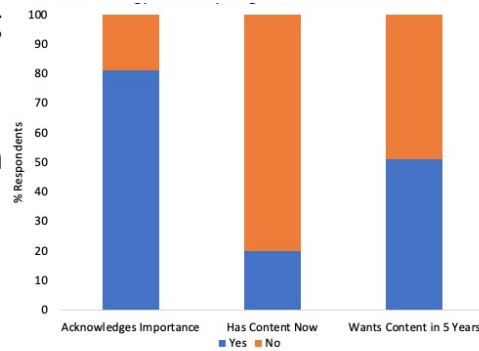
Interactive Didactic Session for Residents and Medical Students on Dermatologic Care for LGBTQ Patients

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INTRODUCTION

Despite increasing emphasis on LGBTQ health in medical education across specialties, evidence-based training on LGBTQ patient care in dermatology is lacking.



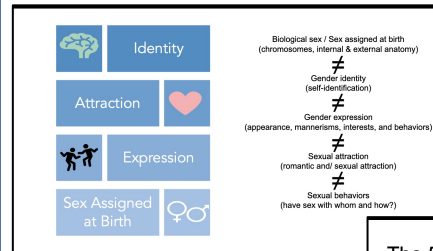
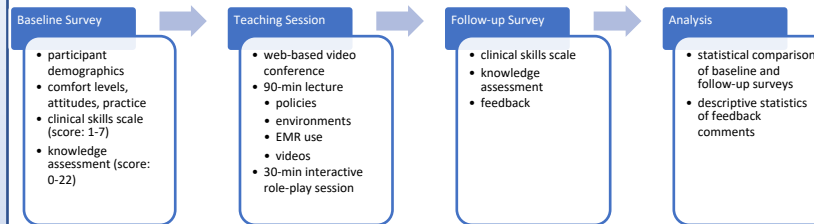
Jia JL, Nord KM, Sarin KY, Lino E, Bailey EE. Sexual and Gender Minority Curricula Within US Dermatology Residency Programs. *JAMA Dermatol.* 2020;156(5):593–594. doi:10.1001/jamadermatol.2020.0113

Figure 1. Survey results on LGBTQ curricula among dermatology residency programs.

STUDY AIM

To assess self-reported clinical preparedness, attitudinal awareness, and basic knowledge of medical students and residents before and after an interactive online didactic session developed by medical students on caring for LGBTQ patients in dermatology

METHODS



The 5 P's of Sexual History

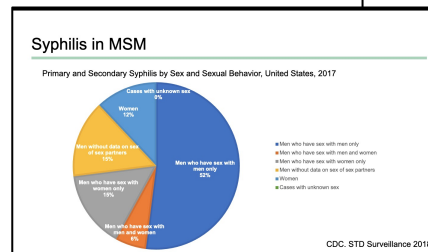


Figure 2. Flowchart of study methods and presentation slides from the lecture portion of the didactic session.

RESULTS

Table 1. Clinical Skills Scale and Knowledge Assessment on Baseline and Follow-up Surveys

Mean score, (SD)	All participants		Completed both surveys		P ^a
	Baseline	Baseline	Follow up	Mean Difference (95 % CI)	
N	29	18	18	18	
Clinical Skills Scale					
Overall Scoring	5.4 (0.7)	5.4 (0.6)	6.1 (0.6)	0.7 (0.5 - 0.9)	<0.001
Clinical Preparedness	4.3 (1.4)	4.1 (1.3)	5.2 (1.1)	1.0 (0.5 - 1.6)	0.001
Attitudinal Awareness	6.5 (0.8)	6.7 (0.4)	6.8 (0.4)	0.1 (-0.1 - 0.2)	0.33
Basic Knowledge	5.3 (0.8)	5.3 (0.7)	6.1 (1.2)	0.8 (0.3 - 1.4)	0.003
Knowledge Assessment Questions					
Correct Responses	15.9 (3.2)	16.9 (2.7)	18.5 (3.1)	1.6 (0.02 - 3.1)	0.048

^a Paired t-test comparing baseline and follow up surveys

CONCLUSION

- Two-hour online interactive didactic session resulted in higher self-reported clinical preparedness and basic knowledge
- No change in attitudinal awareness may be due to ceiling effect
- Limitations: small sample size, single center
- Virtual nature of training session allows for easy dissemination to a broad audience
- Session has potential to improve education gaps in dermatologic care and overcome existing barriers to training