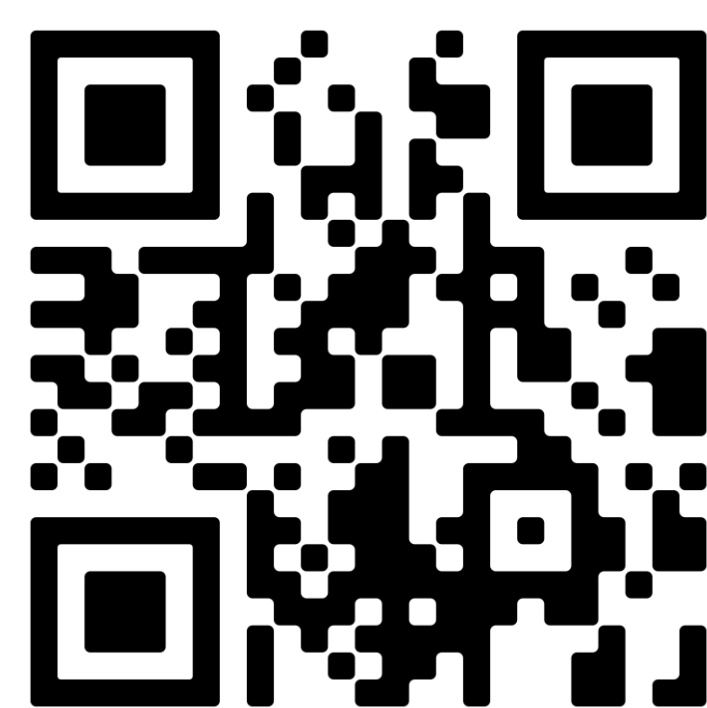


## Background:

- Graduating residents in internal medicine training programs often feel underprepared to manage chronic conditions, such as Type 2 Diabetes Mellitus (DM)
- Since 2004, the resident-faculty practice of the Yale Primary Care Internal Medicine Residency Program (YPC) has included a multidisciplinary referral-based Diabetes Clinic in which residents can:
  - Conduct longer patient visits with a focus on comprehensive diabetes care
  - Collaborate with a pharmacist, dietitian, and social worker to enhance patient care
  - Be mentored by general internal medicine faculty with expertise in diabetes care
- Objective – to examine impact of YPC Diabetes Clinic on educational experience of residents

## Methods:

- Conducted an online survey of all residents from YPC in the 2019-2020 academic year, who participated in at least one Diabetes Clinic session
- Link to resident survey:



## Results:

- 29 of 52 eligible residents completed the survey
- Greater than 85% of respondents indicated that participation in Diabetes Clinic “increased” or “slightly increased” their:
  - Comfort level with counselling patients on target glycemic range (92.9%) and using insulin in the outpatient setting (89.3%)
  - Awareness of need to assess for ASCVD risk and to screen for complications of DM (92.9%)
  - Appreciation for psychosocial aspects of diabetes care (85.2%)
  - Understanding of roles of pharmacists, dietitians, and social workers (88.9%)
  - Likelihood of managing difficult-to-control DM as a future primary care physician instead of referring to a specialist (85.7%)

## Impact of a Multidisciplinary Diabetes Clinic on Resident Education

Green Chung MD, Janani Raveendran MD, MEd, Tamara Malm Pharm.D., MPH, BCPS, Stephen Huot MD, PhD, Tracy L. Rabin MD, SM

Yale Primary Care Internal Medicine Residency Program, New Haven, CT



# A multidisciplinary referral-based Diabetes Clinic within a resident primary care teaching clinic had a positive impact on the overall educational experience of internal medicine residents.

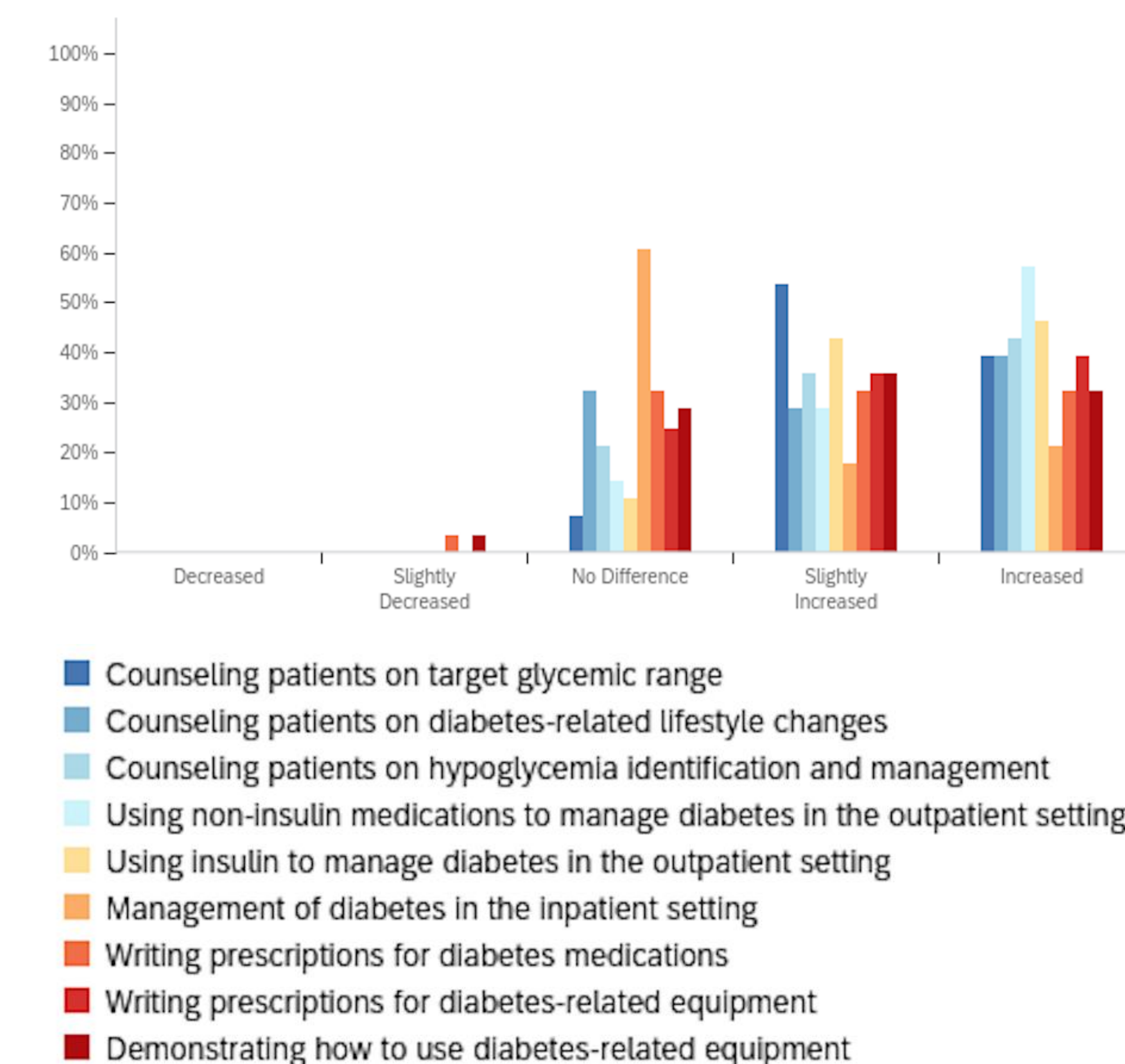
“Pre-clinic didactics were extremely helpful in expanding my knowledge base regarding insulin management as well as oral hypoglycemic agents. Seeing patients in clinic, even just a few, showed me an entirely different level of complexity of diabetes that can be managed in primary care. I gained a better understanding of psychosocial factors affecting diabetes, how crucial our pharmacy and nutrition colleagues are in helping manage diabetes, and how to assess ASCVD risk scores and other preventive health measures (i.e. immunizations) specific to diabetes.”

\*\*\*\*\*

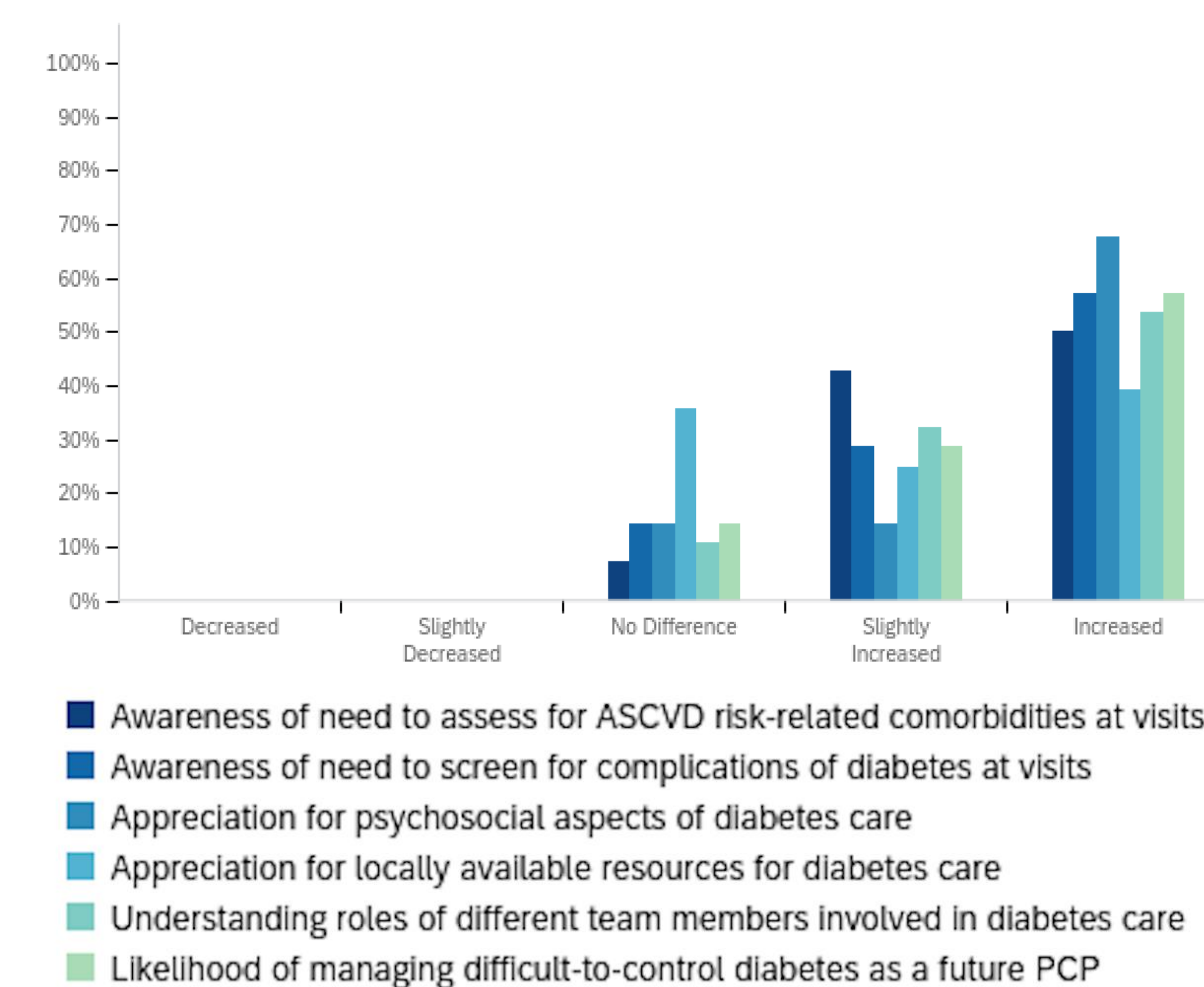
“I think some sessions on counseling on starting new medications could be helpful, [and] maybe working with a nutritionist for a day to see how they counsel patients and going over how to work insulin pens and other injectables would be really helpful and fun.”

## Results Continued:

Impact of Diabetes Clinic on residents' *comfort level* with the following:



Impact of Diabetes Clinic on residents' *confidence* in the following:



## Conclusions:

- A multidisciplinary referral-based Diabetes Clinic within a resident primary care teaching clinic had a positive impact on the overall educational experience of internal medicine residents
- YPC Diabetes Clinic can serve as a model for resident-faculty practices to bolster trainee preparedness in managing chronic conditions