

DIGGING DEEPER: EXAMINING THE RESULTS OF ANNUAL EVALUATION SURVEY TO EXPLORE DIVERSE PERSPECTIVES ABOUT INTERPROFESSIONAL LEARNING

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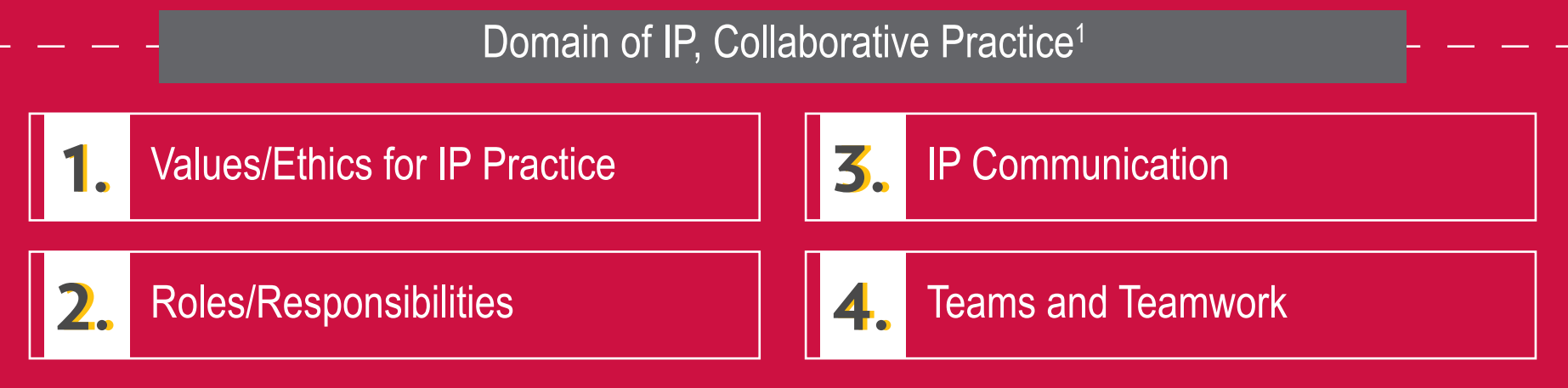
INTRODUCTION

The University of Wisconsin-Madison Interprofessional Continuing Education Partnership (ICEP) conducts an annual evaluation survey of participants in educational activities offered through the ICEP program. This survey was established four years ago and we continue to explore how to use the data in the most efficient and impactful way to inform the development of our overall interprofessional (IP) program and future IP activities.

METHODS

We analyzed the results of 2019 survey focusing on responses to four questions that addressed learner perspectives about who are members of their healthcare team, definition of IP learning, value of IP education, and barriers to collaborative practice.

Theoretical Framework



Data Analysis
We completed descriptive statistics of quantitative and categorical data, and evaluated differences by profession in responses about the value of IP education using t-tests and one-way analysis of variance and subsequent post hoc comparisons. We also conducted analysis of definitions of IP learning provided by the respondents to reveal key themes, and similarities/differences in responses by profession. The coding tree representing elements of the definition was developed through open coding of the first 50 definitions and refined in the course of subsequent coding. All definitions were coded, using qualitative software NVivo 12, and emerging themes were discussed among the authors. Qualitative analysis of the definitions was complemented by chi square comparing frequencies of the definition elements by profession. All statistical tests were conducted with an *a priori* Type I error of 0.05.

DISCLOSURE

The authors of the poster have no relevant financial relationship to disclose.

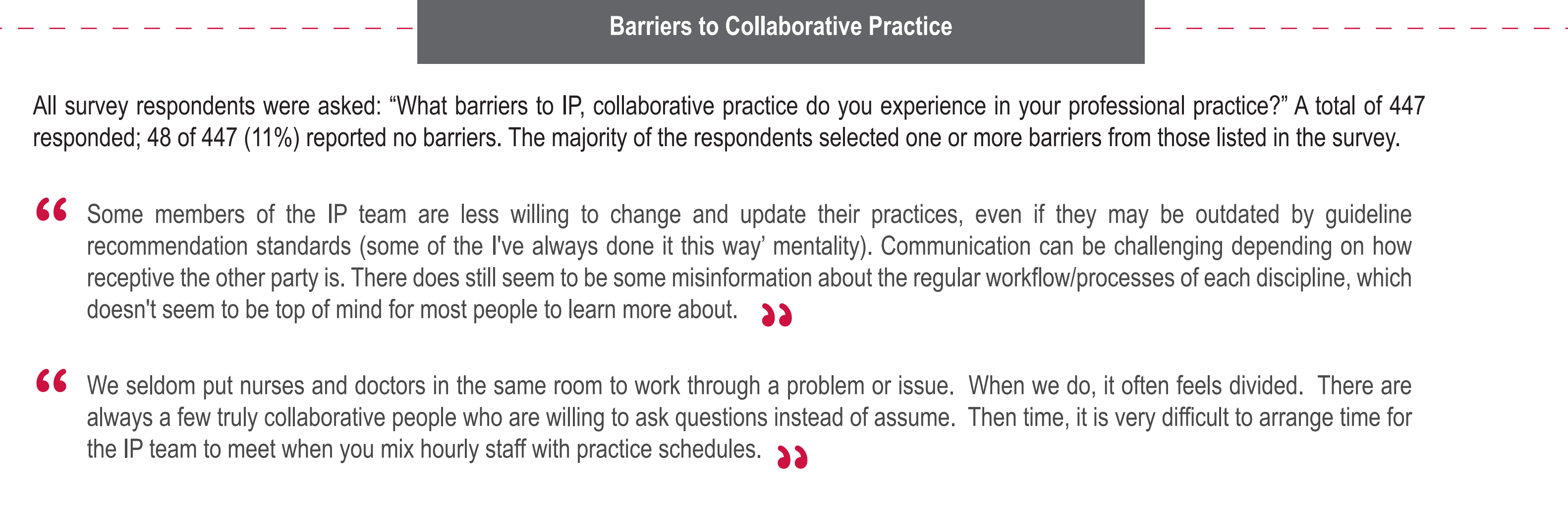
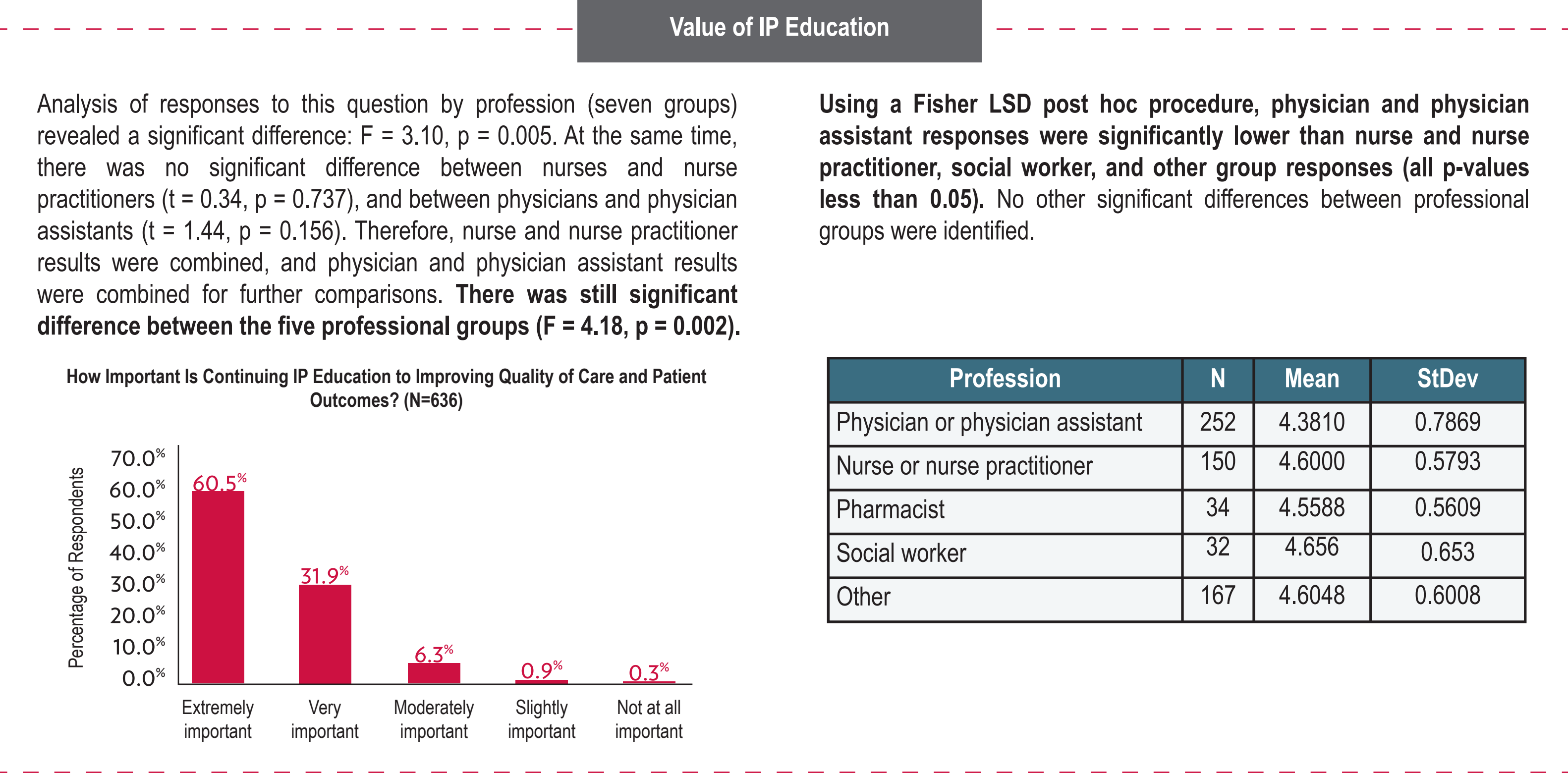
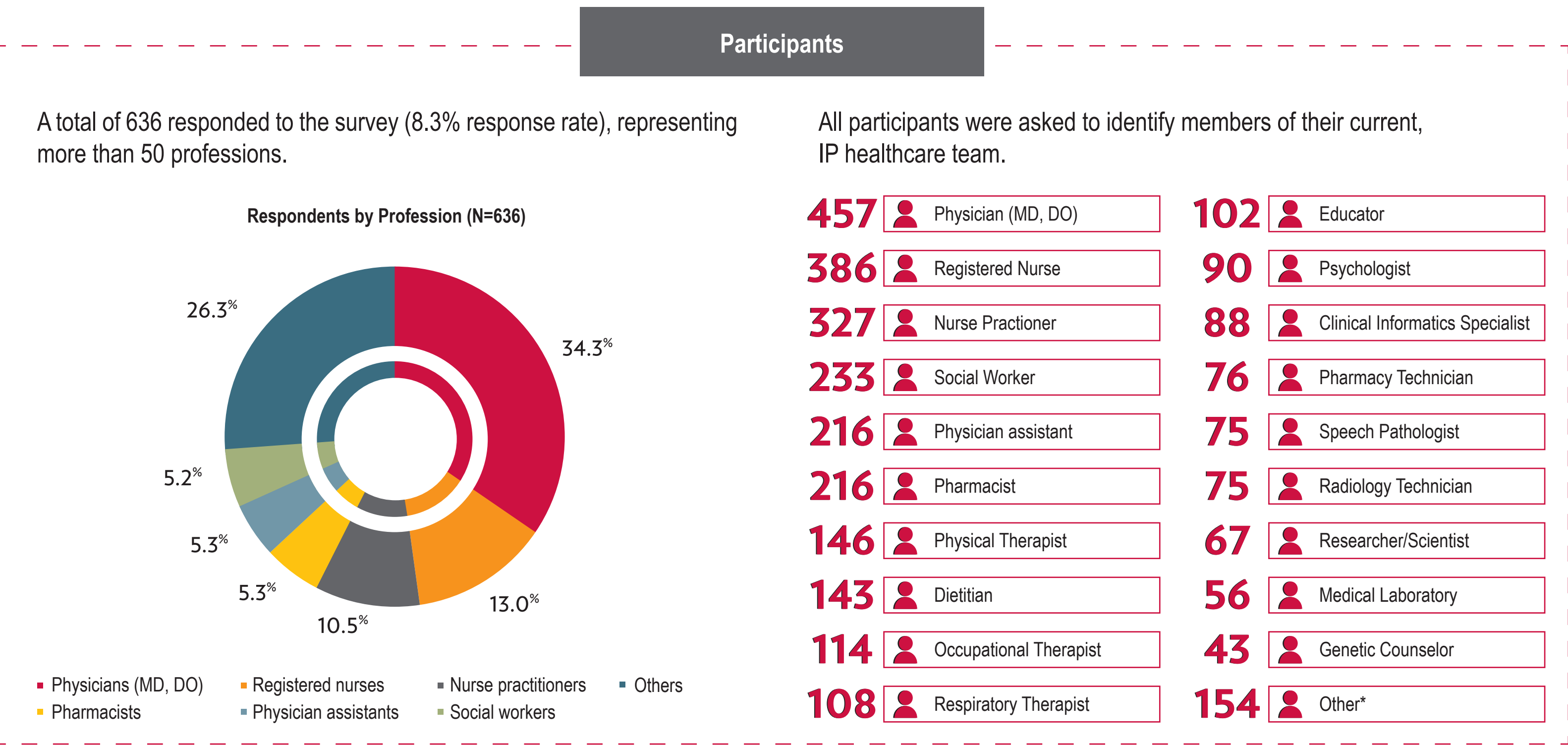
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RESULTS



DISCUSSION

Value of IP education through the lens of different professions. In total, 92% of all survey respondents demonstrated high level of agreement regarding the importance of continuing IP education to improving quality of care and patient outcomes, saying it is “extremely important” or “very important.” At the same time, they revealed relatively small but significant differences in responses to this question by profession. This could reflect traditional values embedded in education of different healthcare professions and variation in recognition of the importance of profession-specific content. These findings both encourage development of IP CME/CPD programs and strategic conversations of the meaning of IP education for achieving excellence within any given profession.



Many ways to define IP learning. We observed a great variation in definitions of IP learning provided by respondents, but our analysis suggested no differences among professions in the numbers of definition elements mentioned by different professional groups. Collectively, the respondents provided all-embracing and vibrant representation of IP learning that, in our opinion, should be celebrated by IP education advocates. We see many ways to utilize these definitions in IP educational activities—from creating an icebreaker to developing an exercise that engages participants in reflection and deep learning.

Connections to theory and published research. Our findings are consistent with several themes discussed in the literature:

- The *complexity theory* applied to IP education highlights the firm connection between IP practice and education.^{2,3} This explains why many respondents defined IP learning as *working* in clinical environment with other professionals.
- One implication from theories of social identity, stereotyping, and professionalism is that focusing content on the patient and collaborative, patient-centered care should be an effective strategy in IP education that could reduce the concentration on self as professional.^{2,4} Many survey respondents included improvements in clinical practice and/or patient outcomes resulting from IP learning in their definitions. These professionals seem to be ready for IP activities as they explicitly shifted the learning focus to what matters to their patients.
- Research continuously demonstrate importance of clarity about roles and responsibilities of the team members among critical characteristics of well-functioning, IP team.⁵ Not surprisingly, of the four domains of IP practice, we could link the definitions most frequently to the roles/responsibilities domain.

Barriers to IP practice. Consistent with the results of surveys administered in the two previous years, the 2019 survey respondents reported barriers to IP, collaborative practice, many of which could be addressed by education, such as communication barriers and not understanding each other's roles and/or workflows.

Reflection on learning and practice. Reflection is integral to IP education.² Based on receiving many responses to open-ended questions and rich qualitative data, we speculate that our survey is a tool to facilitate reflection on learning and practice.

Implications for the survey. We have experienced lower survey rate compared to previous years and are implementing strategies to reverse this trend, such as dividing one annual survey into two surveys with shorter lists of activities for the respondent to choose from and shorter time intervals between the completion of the activity and the survey; and providing respondents with access to the survey results. We also consider adding more demographic questions and re-visiting the survey structure to identify the core questions to be asked each year *versus* “rotating” questions that could be included in the survey every other year or less frequently.

To conclude, our learner survey approach informs educational program improvement. There is value in conducting a focused, in-depth analysis of rich qualitative and quantitative data to develop insights into the culture shift in healthcare professionals' beliefs about and engaging in IP learning and collaborative practice.

