

Appendix. CERA Survey Questions

Questions

For the following questions, we define *Value-Based Care (VBC)* as a healthcare delivery system that measures and prioritizes quality outcomes and cost efficiency, rather than volume of services. VBC systems include functions such as interdisciplinary teamwork, proactive panel management, measuring total cost of care and/or other elements (1) with the specific aim of improving quality and reducing health care cost for a population of patients.

- I. Teaching about value-based care in the residency curriculum is important.
 - A. Strongly agree
 - B. Agree
 - C. Disagree
 - D. Strongly disagree

- II. Does your residency program have a formal written curriculum on value-based care, including problem identification, goals, objectives, educational strategies, implementation, and assessment?
 - a. Yes
 - b. No

- III. Which of the following value-based care elements are taught in your residency program (select all that apply)?
 - a. How to evaluate and actively manage QUALITY outcomes (e.g., percentage of patient panel with completed preventative care measures, percentage of patient panel with well-controlled chronic diseases)
 - b. How to evaluate and actively manage patient COST/UTILIZATION (e.g. mED/hospital utilization, specialist, and imaging referrals)
 - c. Accurate diagnostic coding to support risk-based payments (e.g. Hierarchical Condition Categories (HCC))
 - d. How to work effectively with interdisciplinary teams, i.e. nurse managers, care coordinators, social workers, pharmacists
 - e. How value-based care intersects with health equity

- IV. How are value-based care topics in your residency program being taught?
 - A. Didactics

- B. Clinical practice (elective)
- C. Clinical practice (required)
- D. Administrative (i.e., participation in care management meetings)

- A. A only
- B. A + B
- C. A + C
- D. A + D
- E. A + B + C
- F. B only
- G. B + C
- H. B + D
- I. B + C + D
- J. C only
- K. C + D
- L. D only
- M. all of the above
- N. none of the above

V. Rank the following barriers to teaching VBC topics in your residency program:

- A. Lack of content expertise/existing curricular materials (e.g., residency faculty do not have experience working in value-based practices)
- B. Lack of time in the curriculum /competing priorities
- C. Institutional climate/priorities

- A. A, B, C
- B. B, A, C
- C. C, A, B
- D. A, C, B
- E. B, C, A
- F. C, B, A
- G. We have no barriers to teaching VBC
- H. Other barrier not listed

VI. Which of the following are facilitators to teaching VBC topics in your residency program?

- A. Faculty champion or expert for VBC
- B. Institutional climate/priorities

- A. A only

- B. A + B
- C. B only
- D. We have no facilitators to teaching VBC
- E. Other facilitator not listed