Unintended Consequences: Albuterol-induced Lactic Acidosis

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Faculty from the Schools of Medicine, Nursing and Pharmacy collaborated on a 2013 HRSA-funded initiative, the Primary Care Faculty Development Initiative (PCFDI)

PCFDI aimed to improve primary care teaching across residency programs in the United States

There has been little continuation of interprofessional learning at the postgraduate level, despite increased emphasis at the undergraduate level

Data support interprofessional and team-based care as essential elements of the Health-Care Home

BACKGROUND

AIMS

Develop a one-day, interprofessional workshop introducing key concepts of primary care theory adapted from the PCFDI train-the-trainer sessions with an additional section dedicated to patient-centered communication

Four key content areas: teamwork, systems thinking, patient-centered health care home, and patient-centered communication

Goal 1: To increase knowledge and attitudes in key content areas

Goal 2: To increase the number of trainees interested in continuing with primary care as a future career

METHODS

From 2014-2017, 7 full-day workshops were presented, reaching 189 trainees in family medicine, internal medicine, internal medicine/pediatrics, pediatrics, pharmacy, and doctoral-level nurse practitioner programs in adult gerontology, family medicine and pediatrics.

Each workshop section combined an evidence-based presentation on the theme with trainee discussion time and interactive skill development

At workshop completion, trainees completed a survey identifying their confidence with the skills being presented and allowed space for commentary on the day

DATA FROM PRE- AND POST-WORKSHOP SURVEY

SUMMARY OF SURVEY RESULTS

Trainees showed increased knowledge in all the key content areas after completing the workshop

40% or more of trainees came with baseline knowledge in team-based care

Systems-Thinking and PCHCH showed the largest gains in knowledge

All trainees noted increased confidence in working interprofessionally after completing the workshop

Interest in practicing primary care was higher amongst the pharmacists and nurse practitioners

Amongst physicians 100% FM trainees, 58% Peds trainees, 31% Med/Peds trainees and 17% IM trainees were “very/extremely interested” in PC

CONCLUSIONS

Learners valued the opportunity to work with their interprofessional colleagues

Improvements in perceived knowledge were noted in all content areas

Creating an opportunity for postgraduate level trainees from a variety of disciplines and professions to focus on interprofessional team-based skills and the patient-centered health care home may fill a gap in the learning continuum between undergraduate interprofessional education (IPE) and the primary care interprofessional practice (IPP) environment

FUTURE DIRECTIONS

Continue to present 2-3 workshops per academic year

Expand our trainee base - we will be adding SW learners in the 2018-2019 academic year

Develop ongoing HCH learning opportunities throughout the postgraduate training programs with recognized achievement in interprofessional practice (IPP) for interested individuals

“I was heartened by the inter-professional dialogue on these topics, and I think there should be more of it. If it’s not feasible to have more inter-professional learning experiences, this information should be included in all care provider programs because it behooves all of us to be systems-thinkers and patient advocates.”