BACKGROUND
Senior pharmacy students at the University of Hawai‘i at Hilo Daniel K. Inouye College of Pharmacy (DKICP) have a mandatory Ambulatory care six-week rotation known as APPE, Advanced Pharmacy Practice Experience. One of the sites available for these learning rotations is at the University Health Partners of Hawai‘i; Medicine Faculty, Practice in the JABSOM Department of Medicine. As part of their rotation in this clinic, the student does a formal presentation to the entire clinic in the last week. This student teaching experience becomes a great learning activity and serves to foster interprofessional collaboration. The audience includes Internal Medicine physicians, residents, medical students doing their 3rd year Medicine clinical rotation, as well as the staff, including the RN, MA’s, receptionist and clinic manager.

PURPOSE
- Determine which topics the students were selecting to address in their presentations.
- Determine the extent to which the clinical audience found these topics useful.

MATERIALS AND METHODS
- In the first few weeks of the rotation, the student self-selects a presentation topic.
- These presentation topics require the final approval by the pharmacy preceptor and physician partners.
- The selected topic must be both relevant to the student’s career interest as well as the clinical audience.
- Therefore, creativity is not only encouraged, but required.
- This is unique in that students in other ambulatory rotations often report being assigned a specific presentation topic by their pharmacy preceptor.
- Evaluation of the topics was done by the clinic physicians and staff.

RESULTS

**Categories of Topics chosen by pharmacy students**

1. **Clinical Disease State Management:**
   - Insomnia
   - Semaglutide: A Promising New Option for the Management of Diabetes Mellitus Type 2
   - Strategies to Prevent Polypharmacy
   - Getting Unstuck: A look into novel strategies for opioid induced constipation
   - 2018 Novel Drug Approvals: An Ambulatory Care Approach
   - 12 Years in the Making: The 2019 GINA Update

2. **Pharmaceutical Products**
   - Drug Cost: An Overview
   - 2018 ACIP Immunization Updates
   - Trelegy: Good Things Come in 3’s
   - The “Pain” of Opioid Conversion and Naloxone
   - Exploring the Landscape of Novel Migraine Medications
   - Update of Fluoroquinolones: Why do prescribers need to be more cautious?
   - Finding a Way for Cheaper Drug Pay, Increasing Medication Adherence by Decreasing Cost
   - Drug Induced Ototoxicity
   - Cannabidiol (CBD)
   - Pharmacogenomics: Fitting Into Your Genes
   - Semaglutide: For Health or Wealth?

3. **Technology**
   - Drone Use in Healthcare
   - Saying Good Bye to Sore Fingers (glucose monitoring device update)
   - Mobile Applications: Do They Help with Medication Adherence?
   - igluco: Artificial Intelligence and Diabetes Management
   - Solving a 2000 Year Old Problem: Using Pharmacy Services to Improve Adherence
   - The Rise of the Robots
   - A Life Less Prickly (continuous glucose monitoring - Freestyle Libre)

4. **Wellness**
   - Mother Nature’s Remedies
   - Invest in Yourself (Wellness)
   - A Guide to Preventing Medication Misadventures in Seniors
   - Medium Chain Triglycerides (MCT)

RESULTS (CONTINUED)

Final presentations included relevant and/or practical topics for use in...

- Conclusions
- Future research
- Patient education

Final presentations were an effective means of learning new information

- Learning something new at final presentations

Final presentations were enjoyable

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

SUMMARY
- Choosing a topic to present provides a growth opportunity for professional maturity of the student. The student has a higher level of responsibility by owning his own topic and expanding his self-directed learning.
- Final presentations seem to be a good inter-professional learning opportunity, but suggestion was made to separate multiple presentations into individual presentations, but better learning opportunity.
- Final presentations were enjoyed and something new was learned by more than half of the audience that returned their surveys.

CONCLUSIONS/FUTURE RESEARCH
- Will look to get more relevant topics for all staff and not just physicians and pharmacists.
- Presentations will be done separately instead of many at once.
- Recently, additional inter-professional learning requests have resulted in student delivered clinic in-services that embrace audience engagement. These are very well received.

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