

Disclosures

• Nothing to Disclose





Session Objective

Discuss Cancer Support Community's qualitative research and how the findings informed revisions to the Frankly Speaking About Cancer Biosimilars education materials.





Study Objectives

- Inform the development of educational materials and resources aimed at educating cancer patients and their caregivers about biosimilar drugs.
- Gauge patient and caregiver reactions to biosimilars materials.

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- Understand if patient/caregivers are more amenable to the concept of biosimilars if materials emphasize "similarities" rather than differences.
- Evaluate if revised materials resulted in patients feeling either neutral or positive about biosimilars, rather than have negative feelings about biosimilars as their take-away from reading the booklet.





Methods

Participants were asked to review and provide feedback on the clarity of definitions and concepts, such as:

- What is a biosimilar drug?
- · How are biosimilars drugs made?
- Are biosimilars drugs safe?
- Why am I getting a biosimilar?

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Qualitative Research 2019 Results Round 1

- 3-day online discussion board
- Answered a series of 9 questions
- Participants provided responses and follow-up prompted by the moderator

These questions included:

- First impressions of the brochure
- Detailed discussions of individual brochure pages
- Response to the video and accompanying resource guide



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Qualitative Research 2019 Results Round 2

- · Optimized materials based on data gathered
- · Additional testing with 2 focus groups
- · Clarity and conciseness of materials







Qualitative Research 2020 Results Round 3

- Conducted online discussion board to garner patient and caregiver feedback
- Discussion board was live for 4 consecutive days
- Respondents asked to review and mark up each individual section of the Biosimilars booklet

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Qualitative Research 2021 Results Round 4

- To garner patient and caregiver feedback on an E-Learning tool, an Ask Ruby video, and a Biosimilars Infographic
- · Feedback was used to refine materials
- 2 Online focus groups, 90-minutes in length using Zoom

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Conclusion

- CSC's qualitative research indicates that understanding safety and efficacy of biosimilar drugs are top of mind for patients.
- By addressing those concerns, patients are able to consider biosimilars equally with other treatment options.
- This underscores the importance of developing resources to help patients and caregivers understand biosimilar drugs and foster an open dialogue with health care providers about treatment decisions.

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Session Objectives

- Describe an evidence-based approach to increase interest and grow the next generation of the oncology research workforce
- Examine an interdisciplinary summer research program focused on mentoring future researchers at critical points in their career
- Discuss the experience of having nursing student research participants participate in nursing research at a National Comprehensive Cancer Center



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Background & Significance

- Increasing demand for nursing scientists to study methods to improve patient experience and outcomes
- Less than 1% of nurses have a PhD
- Nurses obtain their PhD at the average age of 46 (13 years above other disciplines)
- Ever-growing and diversifying cancer patient population contributes to the complexity of cancer prevention, treatment, and survivorship
- Supply and demand: Need for more PhD nurses



Purpose

- Primary purpose was to orient nursing students into the cancer workforce pipeline
- Primary aim was to integrate core research experiences with supporting cocurriculum alongside an interdisciplinary group of students
- Data shows that short-term immersive mentored clinical and research experiences inform decisions pursue graduate training in research in clinical oncology
- Influencing career directions at critical stages of training
- Nursing students do not routinely have access to "the world of nursing research"



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Interventions

- Eight-week summer immersion experience (part of larger institutional R25)
- · Offered a financial subsidy so that students could participate full time
- · Students from various disciplines, at various stages of undergraduate/graduate studies
- Participated in general orientation, core research experience and weekly clinical and biomedical research series
- Mentored research experience and cancer health disparity service learning with an independent investigator focused on:
 - original research project
 - engaging Mentorship
 - final capstone presentation



Interventions

Students participated in multiple studies at various stages of development and enrollment:

- · conceptualization phase
- · literature reviews and methodology development
- IRB submission
- enrollment (consent, participation, etc.)
- · data analysis
- dissemination

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Research Studies

• A comparison of four different temperature measurements in medical oncology patients

- · Moral distress in oncology nurses
- Optical scanning device to detect peripheral extravasation
- Subepidermal moisture scanning to prevent hospital acquired pressure injuries



Evaluation

• Competitive application process to select three rising senior undergraduate nursing students

- Post-assessment data demonstrated:
 - · Satisfaction with the program
 - · Desire to pursue oncology research
 - · Increases in self-efficacy with nursing research
 - Expanded in knowledge of nursing research



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