The creation of an e-learning module as a means of providing patients and families with education about concurrent chemo-radiation.

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DISCLOSURE

I, or an immediate family member, including spouse or partner, have NO financial relationship(s) relevant to the content of this Educational activity.
Background

• Patients with a diagnosis of a primary glioblastoma are often overloaded with information on their first visit.
• Poor prognosis and complicated treatment plans require specific and complex teaching.
• Oral chemotherapy presents unique compliance issues, and the importance of timing and adherence is crucial.
• Patients require further educational support to compliment teaching done by the Central Nervous System nursing team.

With an emerging trend towards online resources an E-module for patients and their families was developed.
PURPOSE

- Improve compliance of oral chemotherapy and concurrent treatment regimens
- Provide an interactive e-resource for patients and their families
- Impact practice by providing reinforcement of the CNS nurses teaching to reduce anxiety for patients and family members
- Provide patients and families with a reinforcement for learning

Development

- Patient Education Specialist and Nurse Practitioner identified the purpose of the e-module and created learning objectives
- Developed E-module with integration of adult education principles and e-learning best practices
- Created elements that would help assess learning achievements of patients based on objectives developed
- Worked with multidisciplinary team to make changes and improvements
OUR FINAL PRODUCT

PROCESS

• Patients identified in clinic by Nurse Practitioner or Nursing team
• New Patients: Bookmark given to patients after concurrent therapy teaching done
• Mid cycle patients: Bookmark given to patients- explain that it is a new e-module we are trying out if they would like to get more information on their treatment- helpful for symptoms
• Patient to go to e-module through link on bookmark
Measurement

Efficacy and feasibility  Decreased Anxiety

RESULTS

- From January 28th- March 31st:
  - Total of 82 views
- 43 views were to the E-module. Average time spent viewing E-module was 7 minutes and 44 seconds
- The plain text version (printable) was accessed 35 times. Average time spent viewing was 4 minutes and 8 seconds.
Patient Feedback (Survey and Telephone log)

- Patient spent a long time in clinic learning about chemotherapy, felt he was able to learn more about radiation
- E-module forgot about after clinic visit
  - “My daughter watched it”
- Feeling “overwhelmed and scared”, not ready to view the E-module
- “We were well-informed in clinic, we do not need to review the E-module”

Benefits

- An additional way for patients and families to learn
- Easy to access
- Built into nursing practice
- Tool is used by nurses as teaching aide during phone calls
- Teach back integrated into e-learning module
Challenges

Challenging patient population
- Patients often forgot to view e-module
- Needed reminder phone call - not sustainable
- Survey seldom completed online by patients

Some disagreement about content amongst team

Next Steps

- On-going evaluation of content and use of E-module to be done
- Evident that E-module is being accessed - feedback not being provided - other ways of obtaining feedback
- Patients very receptive and willing to participate in E-module, most needed a reminder phone call to watch
- Further investigation on E-module impact on compliance
QUESTIONS/FEEDBACK