BONE MARROW TRANSPLANT (BMT) SURVIVORSHIP CARE PLAN (SCP): BRIDGING THE KNOWLEDGE AND CARE ACCESS GAP: A PILOT STUDY

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**PURPOSE (OR AIDS)**

**Quality Improvement Project**

- Develop the surveillance and long-term follow-up plan for patients who have had allogeneic hematopoietic stem cell transplantation
- Utilize SCP to address knowledge deficits in patients and primary care providers (PCP)/referring providers of the complexity of follow up care in the BMT population
- Address care access gap for BMT patients with geographical barriers

**BACKGROUND**

- The Institute of Medicine (IOM) identified a lack of continuum of cancer survivor care
- NCCN, CoC, and ASCO provided survivorship guidelines
- All accredited cancer institutions need to address survivorship care by implementing SCP
- No study has addressed survivorship care issue in the BMT population

**OBJECTIVES**

1. Develop and implement BMT SCP in a comprehensive cancer facility
2. Conduct telephone interviews to gather information to develop a formal survey to be used on a larger scale for the SCP
3. Develop and administer formal survey to all patients who fit inclusion criteria to identify knowledge gap and gain insight on what information should be included in SCP
4. Develop and modify BMT SCP with the use of electronic health record (EHR) system
5. Disseminate study findings with poster sessions at local cancer center and submit abstract to Journal of Oncology Practice

**RESULTS**

- Developed open-ended phone interview questions to be administered on 5 patients
- Developed 30-page formal survey
- Conducted phone survey on 2 patients
- Modified survey to be administered on paper due to length of survey and from patient feedback
- SCP cannot be modified at this time since surveys have not been administered to all patients

**METHODS**

- Inclusion criteria: Adults over 18 years old who received allogeneic hematopoietic stem cell transplant at least one year prior
- Five patients selected to participate in telephone interviews to help develop formal survey
- Formal survey questions developed based on telephone interview information
- Formal surveys administered to all patients who meet inclusion criteria
- Data analysis to determine useful information to include in survivorship care plan

**IMPLEMENTATION**

- Developed interview questions based on literature reviews focusing on what may be important issues for cancer survivors
- Five selected patients were interviewed via telephone
- Consent obtained from patients over the telephone
- Developed formal survey questions based on telephone interview findings
- Administered formal surveys on two patients; consent obtained

**CONCLUSION**

- An SCP would be helpful to address knowledge and information gap
- Patient navigation program and/or peer-to-peer mentoring system would be helpful for patients going through BMT
- Developing telemedicine for BMT follow up care, specifically for patients who live in rural settings, may bridge care access gap
- Information/Education on treatments and after effects of treatment is desired

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