Survivorship Care Plans for Hematopoietic Stem Cell Transplant Survivors: A Pilot Process Improvement Project

Jennifer Wilder¹, BSN, RN, OCN; Nancy Russell¹, DNP, MSN, APRN, FNP-BC, CNE; Patricia Todd², DNP, APRN, PCNS-BC; Dimana Dimitrova², MD; Jennifer Kanakry², MD

1. Johns Hopkins School of Nursing, Baltimore, Maryland; 2. National Institutes of Health, Bethesda, Maryland



Background

Allogeneic hematopoietic stem cell transplant (HSCT) survivors may experience late effects contributing to higher mortality and lower quality of life. Survivorship care plans (SCP) are living documents that provide a roadmap and education for survivorship care. SCPs developed for HSCT survivors have been shown to improve awareness of preventive care and to reduce distress.¹

Purpose & Aims

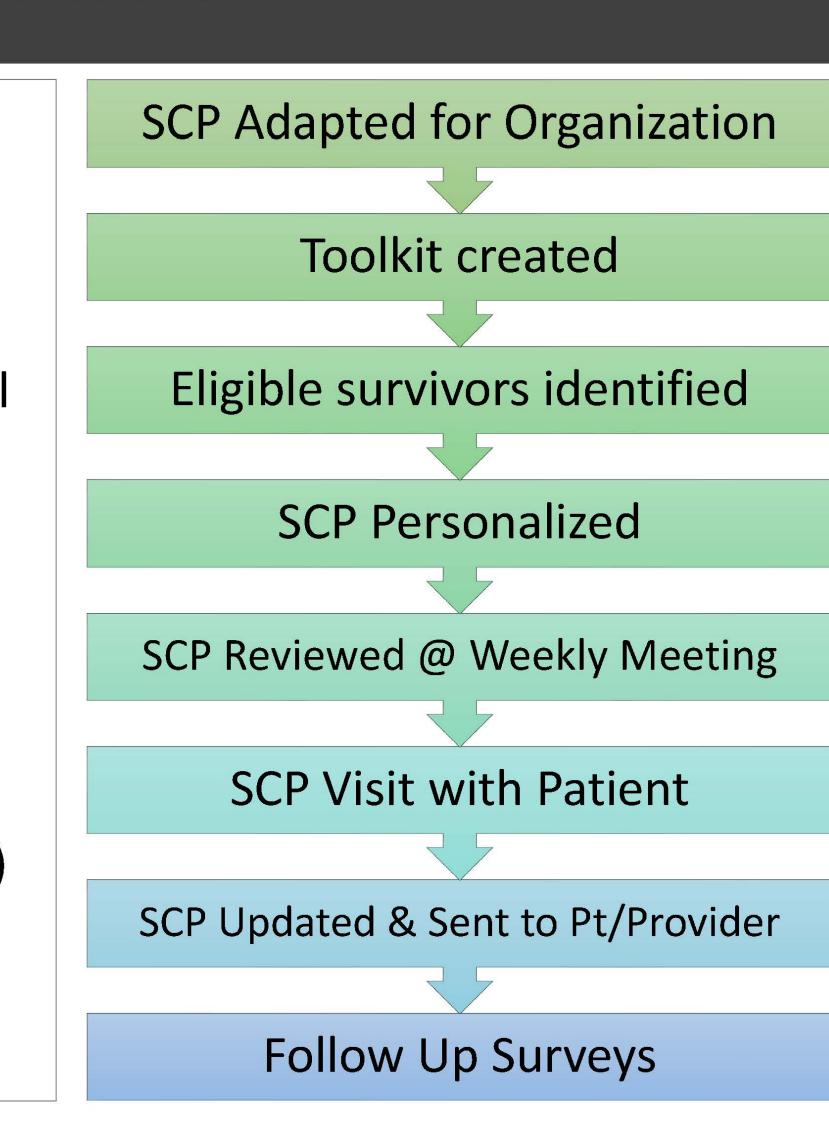
The purpose of this process improvement project was to increase awareness of preventive care recommendations among long-term HSCT survivors in a clinical research hospital by implementing an evidence-based SCP.¹

- **Aim 1:** Adapt and implement an evidence-based SCP in the clinical research setting with allogeneic HSCT survivors at their routine long-term time-point visits over a period of 6 months.
- **Aim 2:** Increase patient awareness of recommended preventive care post-transplant over a 6-month period through an evidence-based SCP.
- **Aim 3:** Engage stakeholders in evaluative process of SCP utility in the clinical research setting over a 6-month period.

Methods

Design: Mixed methods with descriptive statistics
Framework: SHIFT-Evidence
Setting: Outpatient clinic of federal clinical research hospital
Sample Groups:

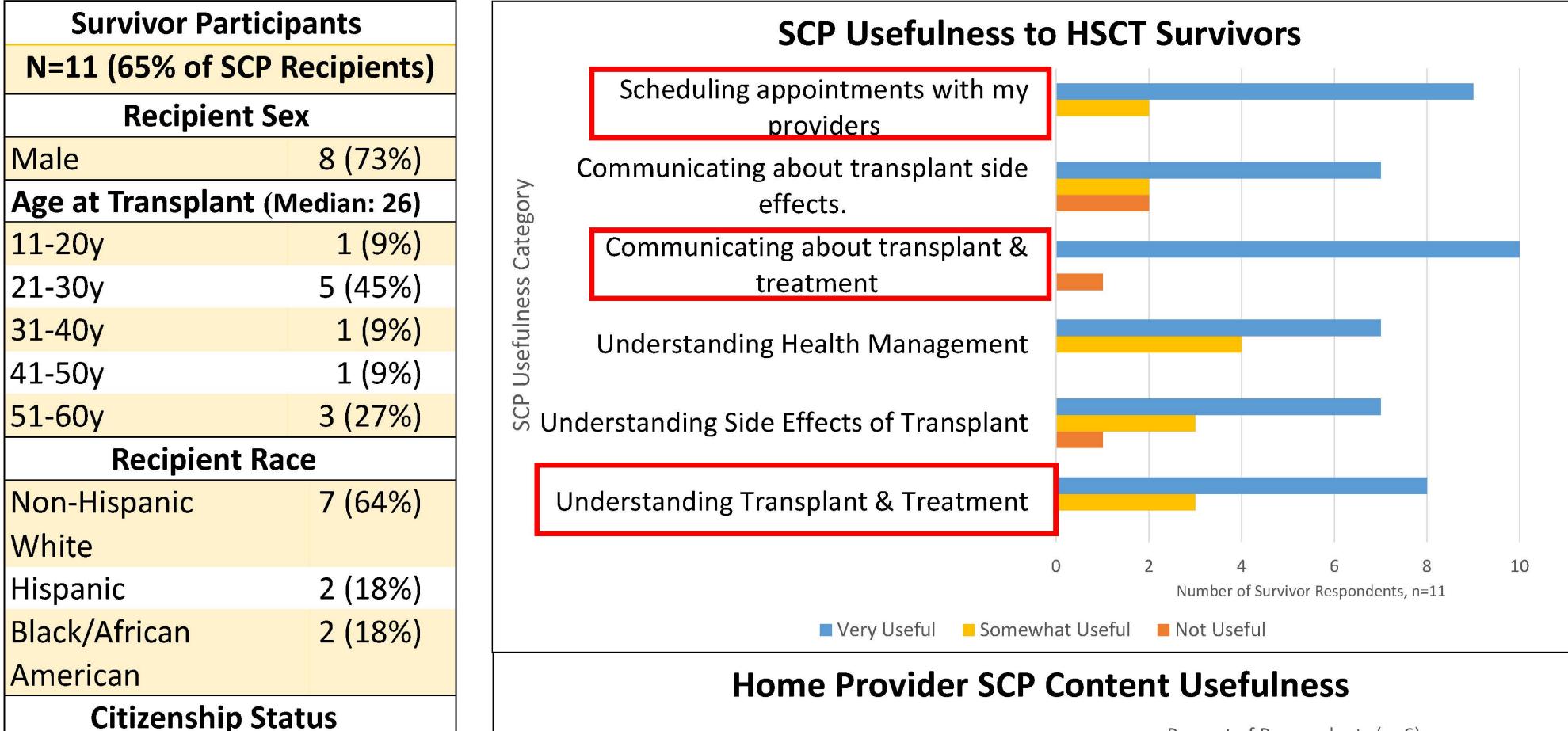
- Survivors: English-speaking adults >6mo post HSCT without severe GVHD or relapsed disease
- Transplant providers
 (MD/Advanced Practice [AP])
- Home providers (MD/AP)
 caring for shared patients in
 community setting



SCP Personalization Toolki Treatment summary Late effects & screening Toolking and Marrier Prancipal Strikening by Control Plant Strikening

Results

"...it helps you create a step-by-step plan for how to live your life after transplant..."



8 (73%)

2 (18%)

(36%)

(64%)

1 (9%)

6 (55%)

4 (36%)

US Citizen

Uninsured

Hematologic

Malignancies

Immunodeficiency

Primary

6 months

2 -4 years

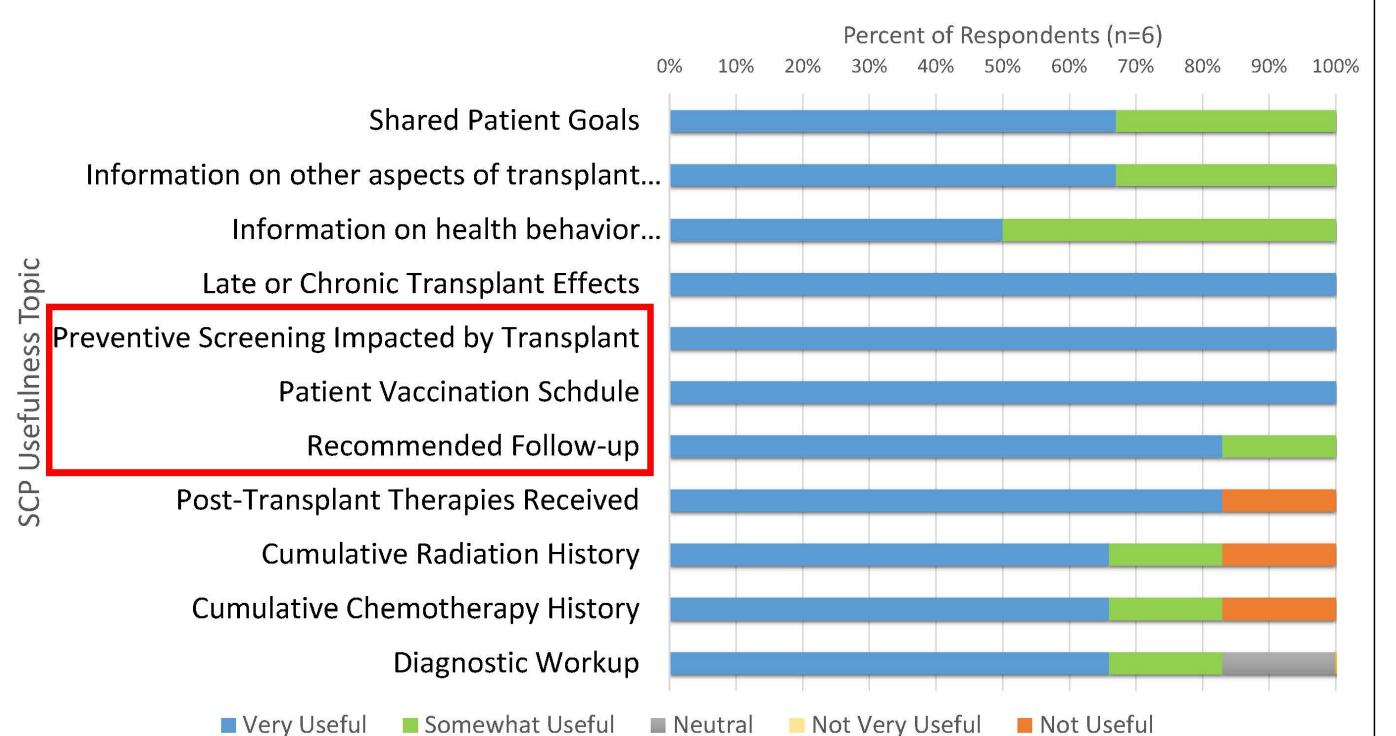
1 year

Insurance Status

Transplant Indication

Transplant Followup

Timepoint



Outcomes

- <u>Aim 1</u> ✓ 23 Eligible → 17 SCPs completed → 11 patients (65%) completed followup phone survey
- <u>Aim 2</u> ✓ 64% (n=7) survivors reported progress on goals (ex. Immunizations, f/u appts, physical activity)
 - ✓ Survivors (74%,n=8) → preferred to receive earlier
- Aim 3 ✓ Transplant Physicians (100%, n=3) → SCP content complete & accurate. Increased value to visit despite additional time required.
 - ✓ Home Physicians (100%, n=6) → SCP improved care

Conclusions

SCP implementation was feasible, useful, and added value for patients and providers.

- Adaptations: Medications, shared goal setting, information for patients with inherited genetic disorders.
- Facilitators: Engaged MD/APPs/RNs.
- Limitations: Time to complete SCP; delivery of updated SCP to patient and home provider. COVID-19 limited responses.
- Most Useful: Late effects education, immunization passport, consolidation of information.

Implications

A survivorship care plan is a living document reflecting the shared care of a person on the HSCT journey. As mentioned by survivors in this project, the SCP should be introduced earlier in the process to establish survivorship, not just survival, as the true goal of care.

References

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What Comes Next?

- AP's complete SCPs
- Nursing informatics integration with EMR
- Expand to more teams
- Translate into Spanish
- Adapt for earlier implementation

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