



2020

Cancer Survivorship E-Learning Series Annual Report



Cancer Center

GW Cancer Center
CANCER CONTROL TAP
Tap into resources to control cancer

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INTRODUCTION

The Cancer Survivorship E-Learning Series (E-Learning Series) was launched in 2013. The E-Learning Series is an online, self-paced, 10-module continuing education program, which is available to health professional learners at no cost. The modules in the Series cover a variety of cancer survivorship topics, including: the management of late and long-term effects of cancer and its treatment, the prevention of secondary cancers, the coordination of care and the provision of evidence-based clinical care. Different modules are updated on a yearly basis, and in 2020 the GW Cancer Center staff, in collaboration with subject matter experts in psychosocial distress in cancer patients, updated module 3. The appendix A provides a list of module titles and learning objectives.

The GW Cancer Center has previously published a detailed peer-reviewed article describing the development, methods, performance metrics, outcomes and limitations of the E-Learning Series. Please access [the article](#) for further information.

METHODS

Statistical analyses were conducted using the software package IBM SPSS Statistics (Version 26) for data collected between January 1, 2020 and December 31, 2020, from learners who completed a module (by primary care or specialty provider) by state, tribe or territory. The learners were divided according to their occupation, either as primary care providers (e.g., gynecology, family medicine, internal medicine, etc.) or specialty providers (e.g., oncology, surgery, etc.). Learners who were in the process of completing a module, but did not finish it by December 31, 2020, were excluded from all counts and analyses.

Tables providing the information about learners (with completed modules) by geographical location (states, tribes and territories) are presented below. If your state, tribe or territory is not included in this report, and you have questions, please contact the GW Cancer Center (cancercontrol@gwu.edu).

RESULTS

Graph 1 presents the number of learners who completed the E-learning series modules in 2019 and 2020 stratified by their occupation: primary care providers (PCP) and specialty providers (SP). Data from

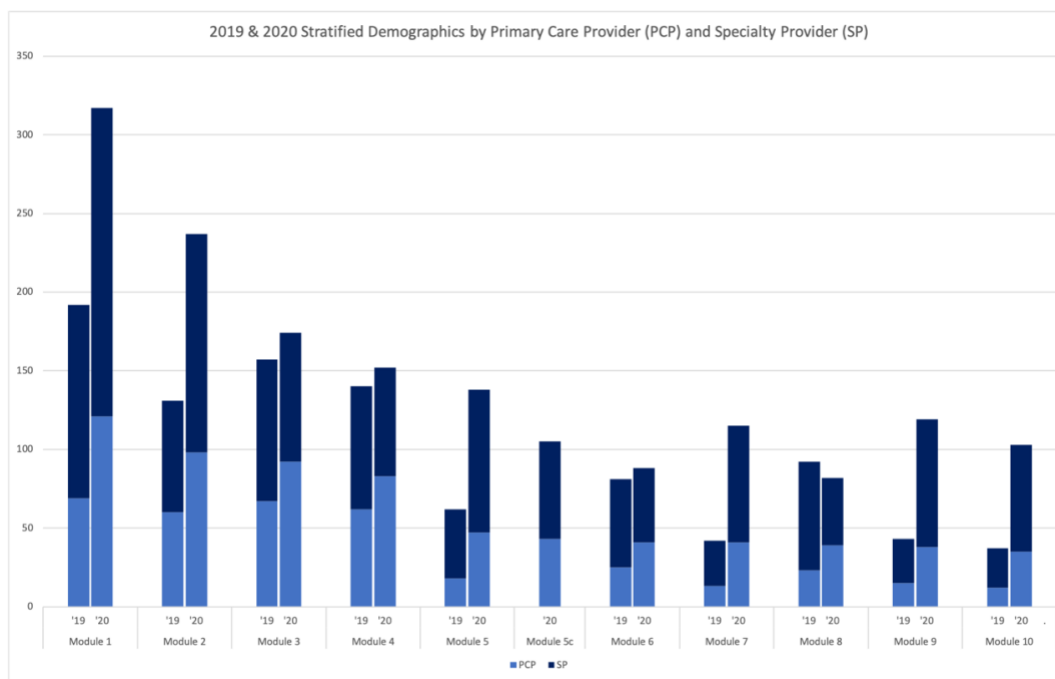
2019 was included for comparison purposes. Table 1 presents the number of providers that completed a module in 2020 by state, tribe or territory. The last column of table 1 represents the total number of unique learners. Table 2 shows the total number of learners who completed the training modules in 2019, for comparison.

Table 3 presents the descriptive statistics for the demographic information of the learners who completed a module in 2020 by profession (primary care providers vs. specialty providers). Paired sample *t*-tests were used to assess statistical significance of the pre- and post- training differences. The responses were scored using a 5-point Likert scale: 1 – Strongly Disagree, 2 – Disagree, 3 – Neutral, 4 – Agree, 5 – Strongly Agree. A *p*-value < 0.05 indicated that the pre – post difference in mean scores were significant.

In June 2020, the GW Cancer Center switched to a new Learning Management System (LMS), using the EthosCE platform. Since some of the module evaluation questions differed between the old LMS and new LMS, the module evaluation data are reported according to the specific LMS. In the old LMS, 94.0% of learners indicated agreement or strong agreement with their knowledge base being enhanced due to the training; 90.1% were confident that the training content was useful and relevant to their practice; 87.4% of the trainees agreed or strongly agreed that they gained new strategies, skills and information and 77.5% are planning to implement this knowledge into their practice.

On the new LMS platform, 89.6% of the trainees indicated that they were overall satisfied with the modules; 91.7% of the learners would recommend the training to others; 94.3% of the learners agreed or strongly agreed that their knowledge had increased after completing the modules and 92.1% intend to apply what was learned in their work. In the future, results will be reported using the new LMS only.

Graph 1. 2019 & 2020 Stratified Demographics by Primary Care Provider (PCP) and Specialty Provider (SP)



*Module 5 companion: Advancing Patient-Centered Cancer Survivorship Care

Table 1. 2020 Stratified Demographics by Primary Care (PCP) or Specialty (SP) Provider

State/Tribe/Territory	Module 1		Module 2		Module 3		Module 4		Module 5		Module 5C*		Module 6		Module 7		Module 8		Module 9		Module 10		Total Unique Learners
	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	
Alabama	0	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Alaska	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Arizona	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
California	8	11	2	8	4	5	0	3	0	5	0	2	1	1	0	3	0	1	0	3	0	2	19
Cambrian	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Colorado	2	3	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6
Connecticut	0	3	0	2	0	0	0	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3
Delaware	10	1	9	1	9	0	9	1	9	1	9	1	9	1	9	1	9	0	9	1	8	0	14
District of Columbia	1	1	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	2
Federated States of Micronesia	7	1	8	0	8	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	9
Florida	2	5	0	2	0	0	0	0	0	2	0	1	0	0	0	2	0	0	0	1	0	1	7
Georgia	0	5	0	2	0	2	0	2	0	2	0	3	0	1	0	2	0	2	0	1	0	1	5
Idaho	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Illinois	0	8	0	8	0	6	0	3	0	4	0	4	0	3	0	2	0	2	0	2	0	1	8
Indiana	0	11	0	7	0	4	0	4	0	6	0	5	0	3	0	7	0	3	0	8	0	7	11
Inter-tribal Council of Michigan	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1	0	1	0	1	0	0	1
Iowa	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1
Kansas	40	3	39	4	38	3	36	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Louisiana	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Maine	2	1	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	3
Marshall Islands	5	0	5	0	4	0	5	0	5	0	3	0	3	0	4	0	3	0	3	0	3	0	6
Maryland	1	22	1	17	1	2	1	2	1	15	1	2	1	0	1	11	1	2	0	13	0	11	24
Massachusetts	0	3	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	5	0	7	8
Michigan	7	5	6	3	0	1	0	1	0	1	0	2	0	1	1	1	1	1	1	2	0	1	14
Minnesota	12	4	9	1	9	1	9	1	13	0	12	0	8	0	8	0	8	0	8	0	7	0	17
Mississippi	0	2	0	2	0	2	0	2	0	2	0	2	0	1	0	1	0	1	0	1	0	1	2
Missouri	3	1	3	1	3	1	3	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	4
Montana	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Nebraska	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Nevada	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
New Jersey	2	11	2	6	2	4	1	3	0	3	0	3	0	2	0	4	0	2	0	4	0	4	13
New Mexico	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	4
New York	1	13	0	10	0	7	0	7	0	8	0	6	0	4	1	6	0	3	0	6	0	5	15
North Carolina	3	8	2	6	2	5	2	4	2	3	1	2	1	2	1	3	1	2	1	3	1	3	11
North Dakota	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ohio	1	4	1	3	1	0	1	0	1	1	1	2	1	0	1	1	1	0	1	1	1	1	5
Oklahoma	0	2	0	2	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	2
Oregon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Other Countries	0	13	0	11	0	9	0	9	0	11	0	8	1	7	0	8	0	7	0	9	0	9	15
Pennsylvania	1	11	0	12	0	8	0	6	0	6	0	4	0	4	0	5	0	3	0	5	0	4	16
Potawatomi Indians	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
South Carolina	0	3	0	3	0	1	0	1	0	2	0	1	0	1	0	1	0	1	0	1	0	1	3
South Dakota	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Tennessee	1	3	1	1	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	4
Texas	1	3	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
Utah	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Virginia	5	7	4	6	4	4	4	4	4	4	4	4	4	4	3	4	3	4	4	4	4	3	12
Washington	0	5	0	3	0	2	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	5
West Virginia	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Wisconsin	0	6	0	4	0	3	0	2	0	2	0	2	0	3	0	2	0	1	0	3	0	1	8
Total	121	196	98	139	92	82	83	69	47	91	43	62	41	47	41	74	39	43	38	81	35	68	346

*Module 5 companion: Advancing Patient-Centered Cancer Survivorship Care

Table 2. 2019 Stratified Demographics by Primary Care (PCP) or Specialty (SP) Provider

State/Tribe/Territory	Module 1		Module 2		Module 3		Module 4		Module 5		Module 6		Module 7		Module 8		Module 9		Module 10		Total Unique Learners	
	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP	PCP	SP		
Alabama	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	2
Alaska	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Arizona	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1
Arkansas	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	1
California	8	20	3	13	6	19	2	19	2	11	4	15	0	5	1	11	1	6	1	5	42	
Chippewa	1	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1	0	1	0	0	2
Choctaw	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	1
Colorado	4	2	4	1	4	0	4	0	3	0	1	0	1	1	0	1	1	1	1	1	1	11
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
District of Columbia	1	2	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3
Florida	0	2	0	0	0	3	0	3	0	0	0	2	0	0	0	2	0	0	0	0	0	5
Georgia	0	3	0	2	0	3	0	3	0	1	0	2	0	1	0	3	0	1	0	1	4	4
Hawaii	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	1
Idaho	0	1	0	1	0	2	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	2
Illinois	0	8	0	3	0	4	0	4	0	3	0	3	0	1	0	7	0	1	0	1	0	13
Indiana	0	11	0	7	0	6	0	6	0	6	0	6	0	5	0	7	0	4	0	4	0	13
Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
Kansas	29	7	29	7	29	7	29	7	0	1	0	0	0	0	0	0	0	0	0	0	0	40
Kentucky	0	1	0	1	0	2	0	1	0	1	0	1	0	1	0	2	0	1	0	1	0	5
Louisiana	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Maine	0	2	0	2	0	2	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	2
Marshall Islands	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Maryland	0	3	0	2	0	2	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	4
Massachusetts	0	5	0	2	1	3	1	2	0	2	1	2	0	2	1	2	0	2	0	1	0	11
Michigan	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	5
Minnesota	0	2	0	1	0	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	8
Missouri	4	3	4	0	4	0	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	9
Montana	0	3	0	2	0	2	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	4
Navajo	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Nebraska	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	3
New Hampshire	1	1	0	1	1	0	1	0	0	1	0	0	0	1	1	0	1	0	1	0	1	2
New Jersey	2	3	2	2	2	4	2	3	2	3	2	5	2	2	2	5	2	1	2	1	0	13
New Mexico	4	0	5	0	6	0	6	0	3	0	4	0	2	0	4	0	2	0	1	0	0	7
New York	2	2	0	1	1	6	1	4	0	0	1	3	0	0	1	4	0	0	0	0	0	17
North Carolina	0	4	0	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Ohio	2	7	2	7	2	3	2	3	0	1	2	3	2	0	2	0	2	0	1	0	0	12
Oklahoma	1	1	1	0	2	1	2	0	2	0	2	0	1	0	2	0	1	0	1	0	0	5
Oregon	1	2	1	1	1	2	1	3	0	2	0	2	0	2	0	2	0	1	0	1	0	4
Pennsylvania	0	3	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	1	0	0	0	9
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4
South Carolina	2	1	2	0	2	0	2	0	0	0	2	0	1	0	2	1	1	0	1	0	0	5
South Dakota	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Tennessee	0	4	0	3	0	1	0	3	0	2	0	1	0	1	0	2	0	1	0	1	0	8
Texas	2	7	1	3	0	6	0	5	0	2	0	3	0	0	0	4	0	1	0	0	0	18
Utah	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	2
Virginia	1	3	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	6
Washington	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
West Virginia	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Wisconsin	0	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	69	123	60	71	67	90	62	78	18	44	25	56	13	29	23	69	15	28	12	25	326	

Table 3. 2020 Stratified Demographics by Primary Care or Specialty Provider

DEMOGRAPHIC CHARACTERISTIC	PRIMARY CARE PROVIDER FREQUENCIES (%)	SPECIALTY PROVIDER FREQUENCIES (%)
Gender*		
Female	104 (79.4%)	195 (91.1%)
Male	23 (17.6%)	4 (1.9%)
I prefer not to answer	4 (3.1%)	15 (7%)
Age		
21-29	39 (29.8%)	19 (8.9%)
30-39	41 (31.3%)	54 (25.2%)
40-49	22 (16.8%)	56 (26.2%)
50-59	21 (16%)	57 (26.6%)
60 or older	5 (3.8%)	27 (12.6%)
I prefer not to answer	3 (2.3%)	1 (0.5%)
Race		
Asian	25 (19.1%)	15 (7%)
American Indian or Alaska Native	2 (1.5%)	1 (0.5%)
Black or African American	8 (6.1%)	20 (9.3%)
Native Hawaiian or Other Pacific Islander	4 (3.1%)	2 (0.9%)
White	79 (60.3%)	160 (74.8%)
Other	2 (1.5%)	1 (0.5%)
I prefer not to answer	11 (8.4%)	15 (7%)
Ethnicity		
Hispanic or Latino	12 (9.2%)	7 (3.3%)
Other	105 (80.2%)	185 (86.4%)
I prefer not to answer	14 (10.7%)	22 (10.3%)
Location		
Urban/Suburban/Rural Communities	1 (0.8%)	7 (3.3%)
Urban/Rural Communities	1 (0.8%)	0 (0%)
Urban Community	52 (39.7%)	75 (35%)
Suburban Community	12 (9.2%)	71 (33.2%)
Rural Community	44 (33.6%)	55 (25.7%)
Military	1 (0.8%)	0 (0%)
National/International Communities	0 (0%)	1 (0.5%)
Not applicable	15 (11.5%)	4 (1.9%)
Other	5 (3.8%)	1 (0.5%)
Practice Site		
Community Health Center	13 (9.9%)	11 (5.1%)
Hospital (In-Patient)	28 (21.4%)	45 (21%)
Outpatient Cancer Care Facility	6 (4.6%)	123 (57.5%)
Other	72 (55%)	33 (15.4%)
Not applicable	12 (9.2%)	2 (0.9%)
Profession		
Administrator	1 (0.8%)	3 (1.4%)
Health Educator	6 (4.6%)	5 (2.3%)
Medical Resident/Student	6 (4.6%)	1 (0.5%)
Nurse	51 (38.9%)	77 (36%)
Nurse Navigator	2 (1.5%)	44 (20.6%)
Nurse Practitioner	18 (13.7%)	36 (16.8%)
Patient Navigator	0 (0%)	17 (7.9%)
Physician	35 (26.7%)	8 (3.7%)
Physician Assistant	1 (0.8%)	8 (3.7%)
Social Worker	0 (0%)	2 (0.9%)
Other Student	7 (5.3%)	0 (0%)
Other	4 (3.1%)	13 (6.1%)

* Transgender male and transgender female will be reported separately in future years

Table 4 presents the results of the *t*-test applied to the pre-post training assessment differences. The analyses conducted, indicated that all the learners had an increase in self-rated confidence to meet learning objectives resulting from taking each module of the E-Learning series (all *p* <0.0001).

Table 4. 2020 Pre- and Post-Assessment Means and Change in Learners Self-Confidence Ratings

MODULE #	SAMPLE	PRE-ASSESSMENT MEAN (SD)	POST-ASSESSMENT MEAN (SD)	CHANGE IN RATING FROM PRE TO POST (SD)	<i>p</i> VALUE
1	382	3.34 (0.86)	4.22 (0.64)	0.88 (0.82)	<0.0001
2	287	3.31 (0.82)	4.16 (0.55)	0.85 (0.79)	<0.0001
3	220	3.25 (0.86)	4.13 (0.55)	0.89 (0.88)	<0.0001
4	193	3.4 (0.87)	4.28 (0.53)	0.89 (0.84)	<0.0001
5	175	4.04 (1.04)	4.91 (0.40)	0.87 (1.03)	<0.0001
5C*	142	3.39 (0.87)	4.16 (0.59)	0.77 (0.90)	<0.0001
6	124	3.41 (0.78)	4.23 (0.47)	0.82 (0.76)	<0.0001
7	149	3.24 (0.82)	4.22 (0.60)	0.98 (0.89)	<0.0001
8	114	3.32 (0.78)	4.13 (0.45)	0.82 (0.78)	<0.0001
9	149	3.41 (0.75)	4.20 (0.51)	0.78 (0.71)	<0.0001
10	131	3.13 (0.91)	4.12 (0.51)	0.99 (0.89)	<0.0001

*Module 5 companion: Advancing Patient-Centered Cancer Survivorship Care

DISCUSSION

The E-Learning Series module completion rates remain higher among specialty providers in comparison to primary care providers. The E-Learning Series is an educational program well received by the learners, and effective for increasing learners' confidence about their capabilities to care for cancer survivors. Compared to 2019, in 2020 there was a significant increase in the number of primary care and specialty providers who completed the training modules. These results are encouraging; however, the need remains to increase the uptake of the E-Learning Series among primary care providers.

RESOURCES

The GW Cancer Center offers resources for Comprehensive Cancer Control Programs/Coalitions to help promote and disseminate the E-Learning Series.

- [The Marketing and Dissemination Toolkit for Online Courses from the GW Cancer Center](#): contains strategies for marketing the E-Learning Series, as well as pre-written content, graphics, social media posts and flyers that can be customized with your organization's logo.
- [Cancer Survivorship E-Learning Series for Primary Care Providers Promotional Video](#): a short promotional video about the E-Learning Series. Consider sharing the video through your e-newsletters, website, social media or show at local professional meetings/conferences.

Other available GW Cancer Center cancer survivorship resources for a variety of audiences, from health care providers to cancer control professionals:

- [Advancing Patient-Centered Cancer Survivorship Care Toolkit](#): an adaptable set of tools to help providers improve patient-centered post-treatment cancer survivorship care in their state, tribe or territory. The toolkit includes the following items:
 - [Tips for Coping With COVID-19](#): a resource for cancer survivors and caregivers with information and resources to help cope with COVID-19.
 - [Advancing Patient-Centered Cancer Survivorship Care Workshop Planning and Facilitation Guide and Slide Deck](#): a resource that includes a checklist, sample agendas, promotion tips, worksheets for workshop activities and facilitation instructions together with two presentations, speaker notes and slides to facilitate such activities.
 - [Advancing Patient-Centered Cancer Survivorship Care Implementation Tools](#): the GW Cancer Center has developed three assessment strategies based on the Patient-Centered Survivorship Care Index. These tools are a provider survey, an organizational assessment and a patient survey.
 - [Preparing for Your Doctor's Visit: A Worksheet for People Who Have Finished Cancer Treatment](#): this brief worksheet can help patients prepare for their next doctor's visit. The GW Cancer Center offers a formatted version and a version that can be adapted. Available in Spanish.
 - [Provider Checklist: For Patients Who Have Finished Cancer Treatment](#): this checklist can help inform providers' clinical encounters with people who have a history of cancer and are not in active treatment. The GW Cancer Center offers a formatted version and a version that can be adapted.
 - [GW Cancer Centers Resources List](#): a downloadable Word document with resources that can support both providers and people with a history of cancer.

- [ASCO Survivorship Care Planning Tools](#): sample templates and resources for survivors' long-term care needs.
- [CDC Survivorship Care Plans](#): a basic overview of what a survivorship care plan is and why it is important.
- [National Cancer Survivorship Resource Center](#): information on treatment and follow-up care for survivors and providers.
- [National Cancer Survivorship Resource Center Toolkit](#): resources to help with implementing American Cancer Society cancer survivorship care guidelines for colorectal, head and neck and prostate cancers and the American Cancer Society/American Society of Clinical Oncology cancer survivorship care guideline for breast cancer; Information on training opportunities for primary care providers and patient materials to empower cancer survivor survivorship care participation are also included.



APPENDIX A: LEARNING OBJECTIVES OF E-LEARNING SERIES MODULES

MODULE	LEARNING OBJECTIVES
<p>1. Current Status of Survivorship Care and the Role of Primary Care Providers</p>	<ul style="list-style-type: none"> • I am confident in my knowledge of models of cancer survivorship follow-up care. • I am confident in my ability to describe national efforts related to survivorship care. • I am confident in my understanding of a PCP's role in providing care to cancer survivors.
<p>2. Late Effects of Cancer and its Treatments: Managing Comorbidities and Coordinating with Specialty Providers</p>	<ul style="list-style-type: none"> • I am confident in my ability to describe how cancer treatment late effects may interact with other non-cancer comorbidities. • I am confident in my ability to describe common late effects after treatment with chemotherapy, radiation therapy, hormone therapy, and surgery. • I am confident in my ability to implement a coordinated plan of care/consult with specialty providers to manage medical late effects of cancer when appropriate.
<p>3. Late Effects of Cancer and its Treatments: Meeting the Psychosocial Health Care Needs of Survivors</p>	<ul style="list-style-type: none"> • I am confident in my ability to identify types of psychosocial issues and how they vary based on time since treatment completion. • I am confident in my ability to describe risk factors for psychosocial consequences of cancer and its treatment. • I am confident in my ability to describe how to screen for distress and the PCP's role in follow-up psychosocial care. • I am confident in my ability to provide appropriate psychosocial care to post-treatment cancer survivors.
<p>4. The Importance of Prevention in Cancer Survivorship: Empowering Survivors to Live Well</p>	<ul style="list-style-type: none"> • I am confident in my ability to explain the primary care provider's (PCP) role in providing survivorship care focused on prevention, wellness, and evidence-based guidelines for screening. • I am confident in my ability to provide guideline-supported recommendations for secondary prevention to cancer survivors regarding sunscreen, diet, obesity, exercise, alcohol and tobacco. • I am confident in my ability to explain the importance of prevention and wellness in cancer survivorship care.
<p>5. A Team Approach: Survivorship Care Coordination</p>	<ul style="list-style-type: none"> • I am confident in my ability to explain the importance of the survivorship care plan as a communication tool to coordinate care between the oncologist and primary care provider. • I am confident in my ability to describe the role of the primary care provider in providing follow-up care to cancer survivors in the primary care setting. • I am confident in my ability to describe coordination of care between oncologists and primary care providers in transitioning a patient from oncology to primary care.

	<ul style="list-style-type: none"> • I am confident in my ability to describe the roles of oncologist and primary care providers in the shared-care model.
5.1. Advancing Patient-Centered Cancer Survivorship Care	<ul style="list-style-type: none"> • I am confident in my ability to describe patient-reported priorities for cancer survivorship care.
6. Cancer Recovery and Rehabilitation	<ul style="list-style-type: none"> • I am confident in my ability to understand the role and importance of rehabilitation post-treatment. • I am confident in my ability to understand the role and importance of spirituality during recovery post-treatment. • I am confident in my ability to identify interventions to assist in physical, emotional and spiritual recovery of cancer survivors.
7. Spotlight on Prostate Cancer Survivorship: Clinical Follow-Up Care Guideline for Primary Care Providers	<ul style="list-style-type: none"> • I am confident in my ability to describe the potential long-term and late effects of prostate cancer and its treatment. • I am confident in my ability to describe how to care for prostate cancer survivors as outlined in the new American Cancer Society Prostate Cancer Survivorship Care Guideline. • I am confident in my ability to demonstrate understanding of a PCP's role in providing follow-up care to prostate cancer survivors. • I am confident in my ability to appropriately utilize current clinical guidelines when providing care to prostate cancer survivors.
8. Spotlight on Colorectal Cancer Survivorship: Clinical Follow-Up Care Guideline for Primary Care Providers	<ul style="list-style-type: none"> • I am confident in my ability to describe potential late and long-term effects of disease or treatments for colorectal cancer survivors. • I am confident in my ability to describe how to care for colorectal cancer survivors as outlined in the new American Cancer Society Colorectal Cancer Survivorship Care Guideline. • I am confident in my ability to explain a PCP's roles in providing clinical follow-up care to colorectal cancer survivors.
9. Spotlight on Breast Cancer Survivorship: Clinical Follow-Up Care Guideline for Primary Care Providers	<ul style="list-style-type: none"> • I am confident in my ability to describe potential long-term and late effects of breast cancer and its treatments. • I am confident in my ability to describe how to care for breast cancer survivors as outlined in the American Cancer Society/American Society of Clinical Oncology Breast Cancer Survivorship Guideline. • I am confident in my ability to explain a Primary Care Clinician's role in providing clinical follow-up care to breast cancer survivors.
10. Spotlight on Head and Neck Cancer Survivorship: Clinical Follow-Up Care Guideline for Primary Care Providers	<ul style="list-style-type: none"> • I am confident in my ability to describe potential long-term and late effects of head and neck cancer and its treatment. • I am confident in my ability to describe how to care for head and neck cancer survivors as outlined in the American Cancer Society Head and Neck Cancer Survivorship Care Guideline. • I am confident in my ability to describe a primary care clinician's role in providing clinical follow-up care to head and neck cancer survivors.