

Highlights from the *National Evidence-Based Oncology Navigation Metrics: Multisite Exploratory Study to Demonstrate Value and Sustainability of Navigation Programs*

Who Participated in the Study?



Navigator License Acquired

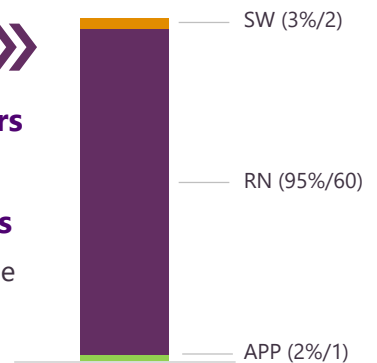


11.9 Avg Years

In Oncology

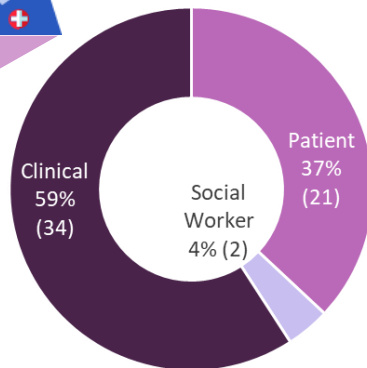
5.2 Avg Years

In Navigator Role



What Types of Navigators Were Represented?

57 FTEs



How Do They Spend Their Time?



40%

Administrative Activities

60%

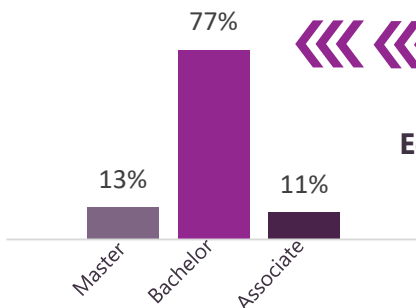
Patient Focused

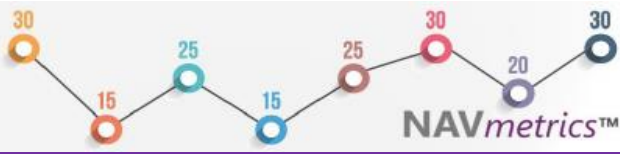


Average Hours per Work Week
45 hours



Navigator Educational Profiles

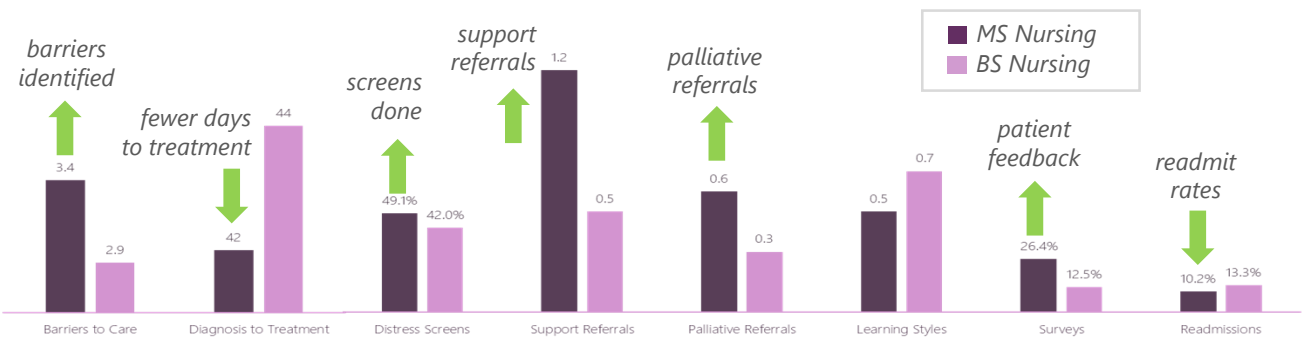




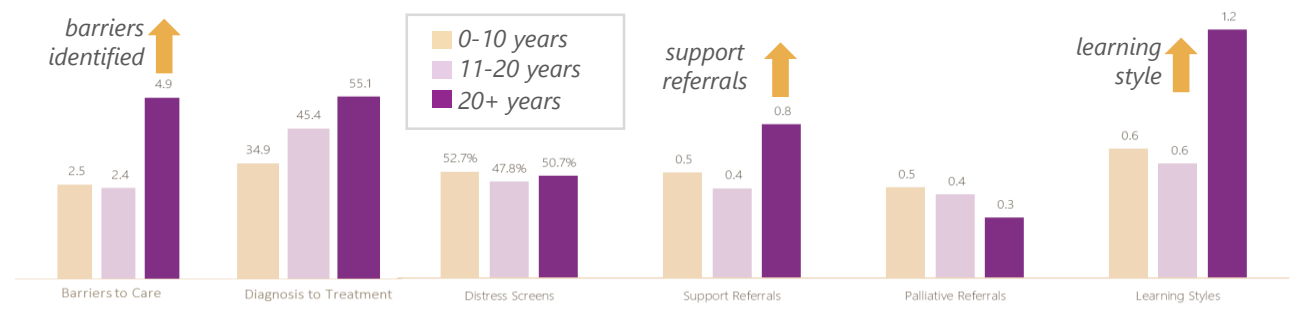
Does Navigator Education, Tenure and Certification Matter?



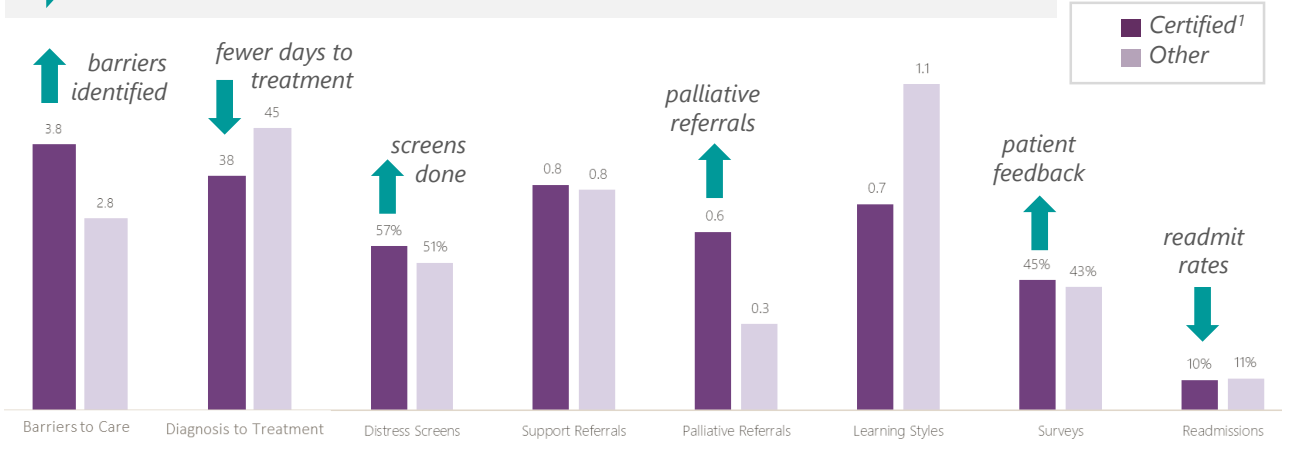
FINDING: Potential relationship between education level and metric performance



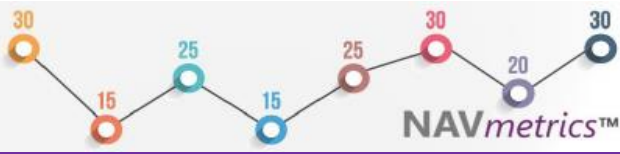
FINDING: Longer tenure in oncology renders higher levels of identification of learning style, support referrals and barriers to care



FINDING: Oncology certification¹ associated with enhanced metric performance in many areas



¹ Includes navigators with OCN, AOCN or ONN-CG certifications



Caseloads and FTE Statistics

4,462

Nov 2018 – Apr 2019



New Patients

50% of Tumor
Registry Analytic
Cases Were Navigated

»»» **88**

Average
Cases per
Navigator

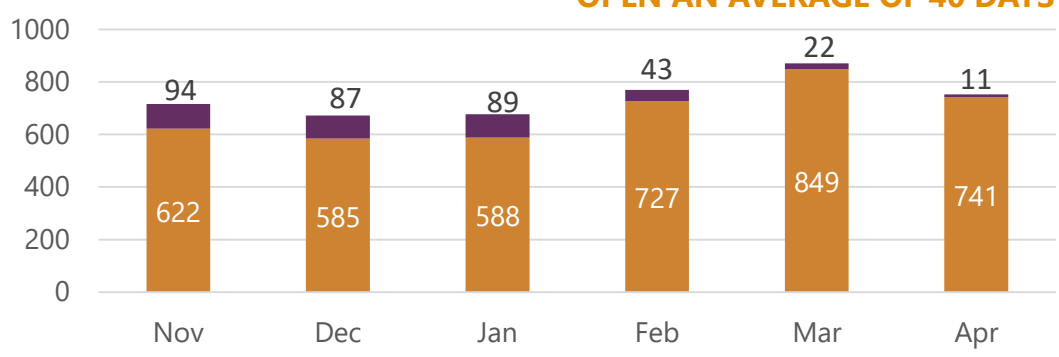


MONTHLY TRENDING OF OPEN AND CLOSED CASES

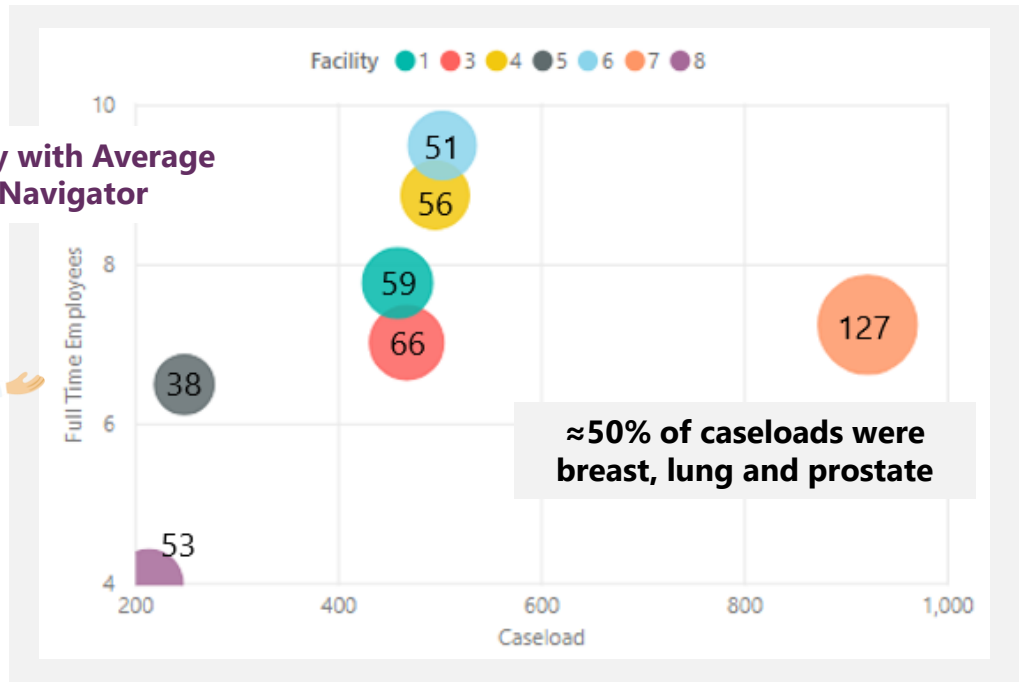
November 2018 - April 2019

OPEN AN AVERAGE OF 40 DAYS

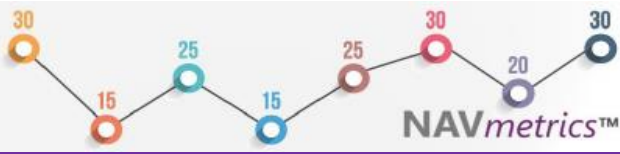
■ Open Cases ■ Closed Cases



FTEs by Facility with Average Caseloads per Navigator

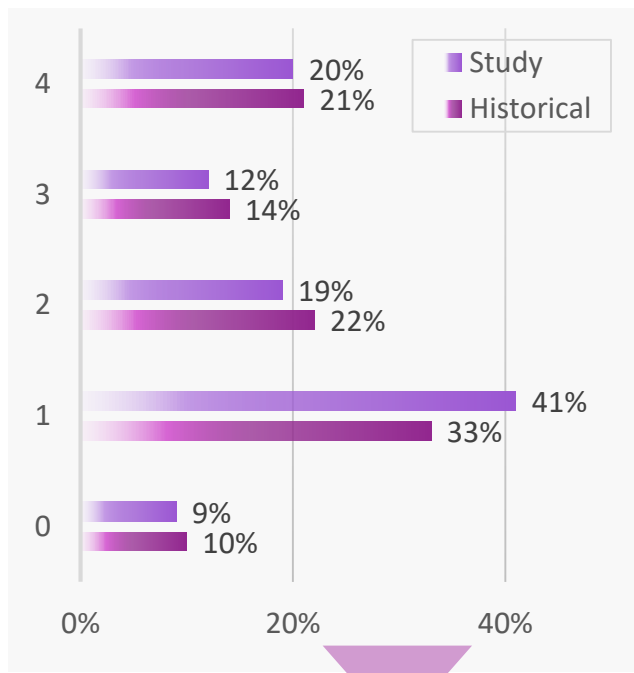


≈50% of caseloads were breast, lung and prostate



Readmissions Rates

Percentage Caseloads by Stage of Disease



Readmission Rates lower than baseline during the study period

30-Day

BASELINE
10.8%



STUDY
9.8%

60-Day

BASELINE
15.5%



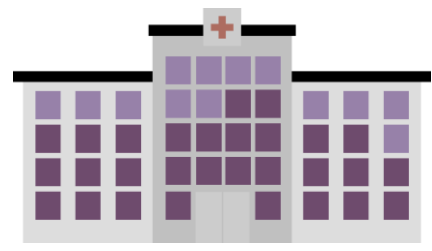
STUDY
14.3%

90-Day

BASELINE
17.9%



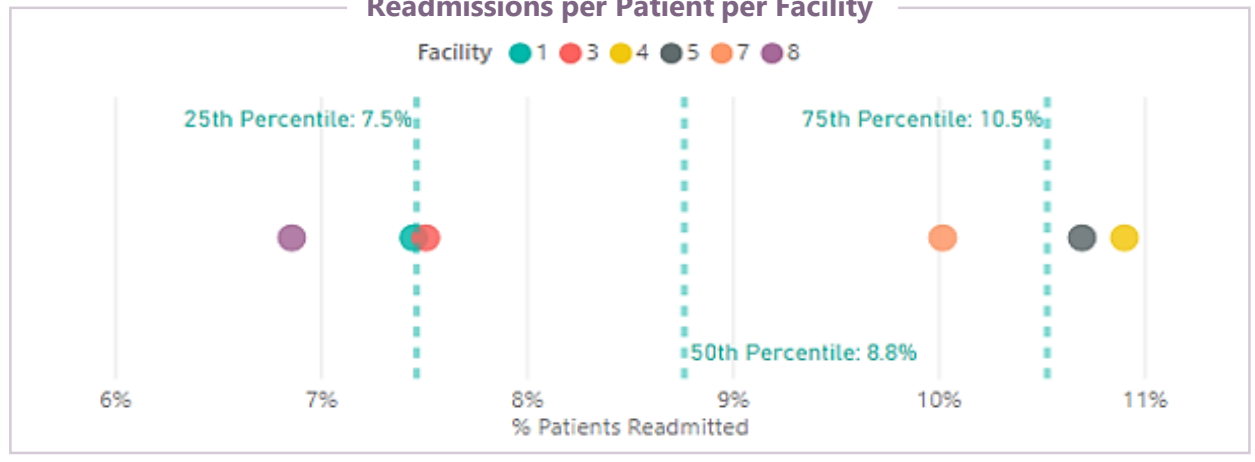
STUDY
16.3%



FINDING:

- Staging mix comparable to pre-study period
- Disease complexity did not account for higher readmission rates for navigated patients

Readmissions per Patient per Facility





Barriers to Care

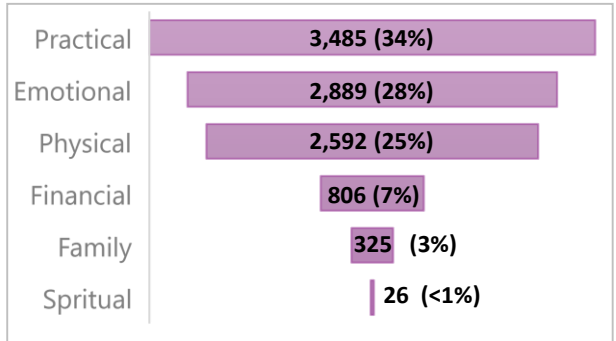
10,295

≈90% practical,
emotional or physical

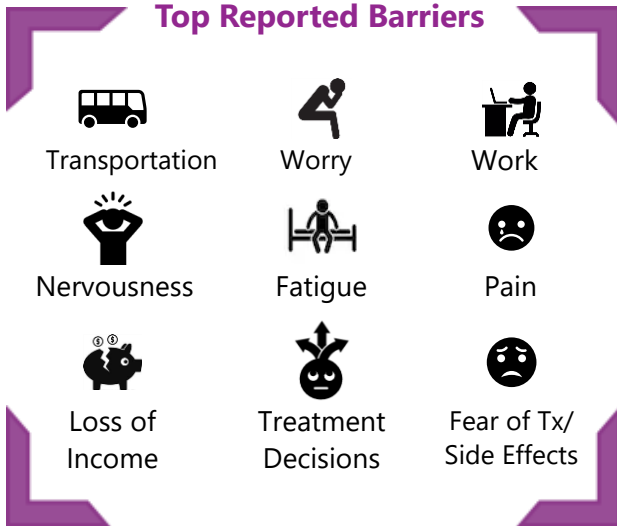
2.2 per patient
(lower than baseline of 2.4)

TOTAL
BARRIERS

Distribution of Barriers



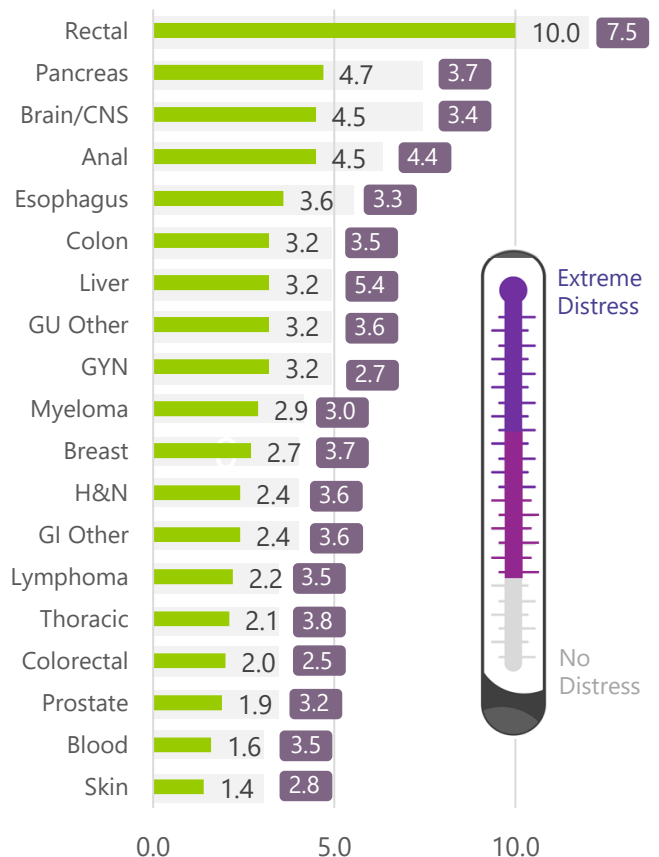
Top Reported Barriers



FINDING

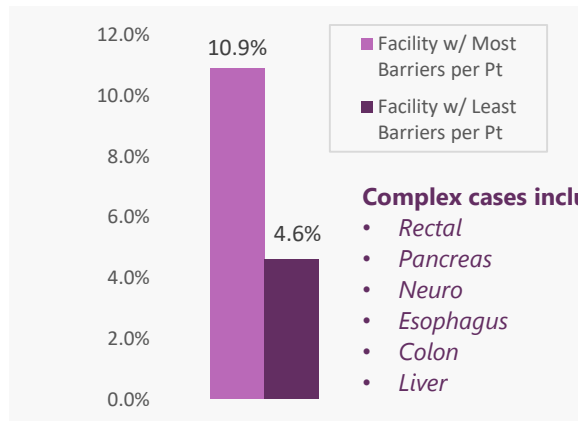
Modest relationship between barrier count and distress score.

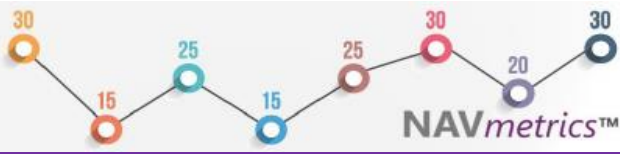
■ Barriers Per Patient # Distress Score



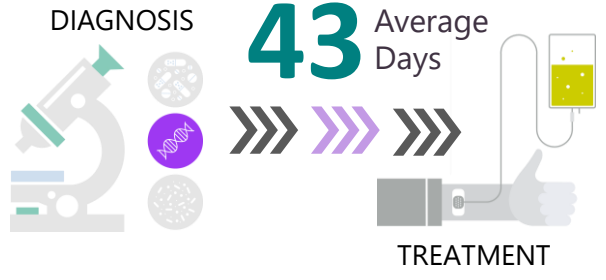
FINDING

Higher percentage of barriers associated with more complex cases





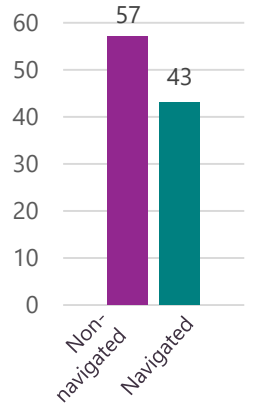
How Much Time from Diagnosis to Treatment?



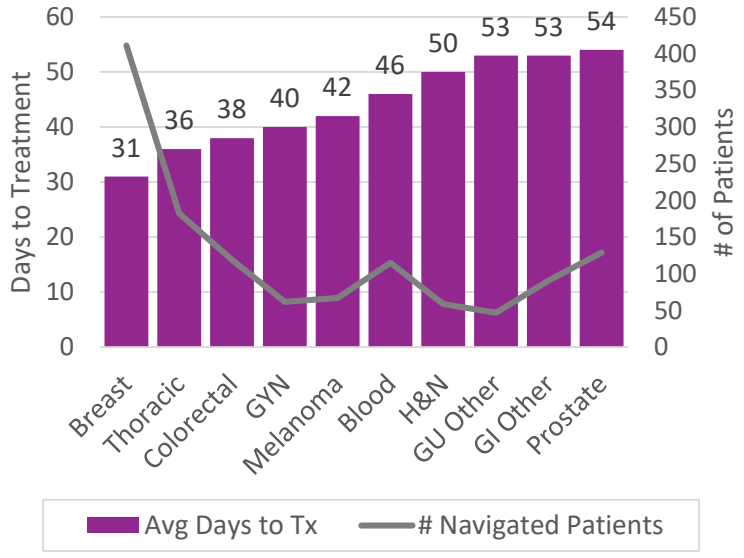
FINDING

Navigated patients experienced shorter time between diagnosis and treatment.

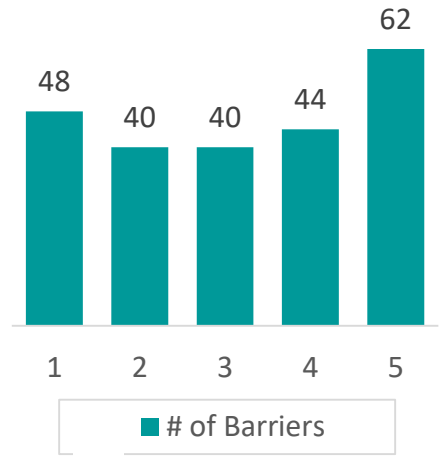
11 days less



Average Days to Treatment by Disease¹



Average Days to Treatment by Barrier Count



Specific Barriers May Attribute to Delays to Treatment²



Financial



20 Days
(12 patients)

Emotional



47 Days
(59 patients)

Practical



56 Days
(223 patients)

Physical



33 Days
(51 patients)

Family



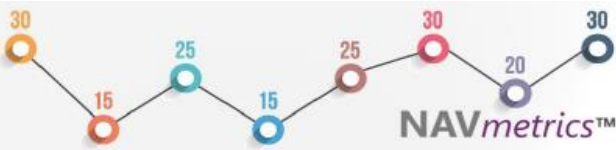
23 Days
(9 patients)

No Barriers



31 Days
(40 patients)

¹Includes diagnoses with at least 20 patients; ² Only includes patients that only listed one barrier category



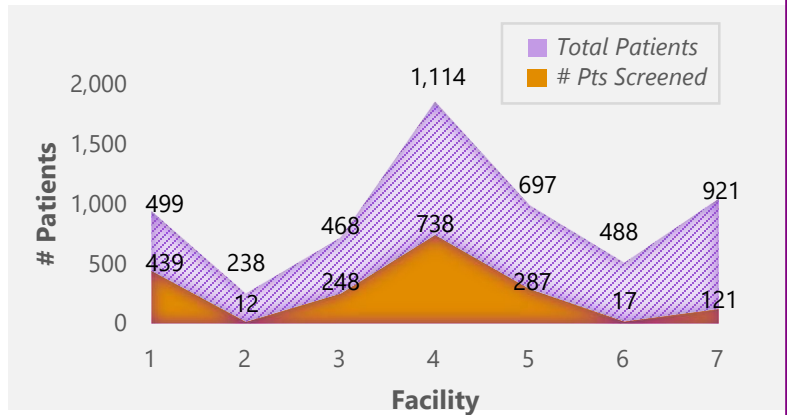
DISTRESS SCREENING



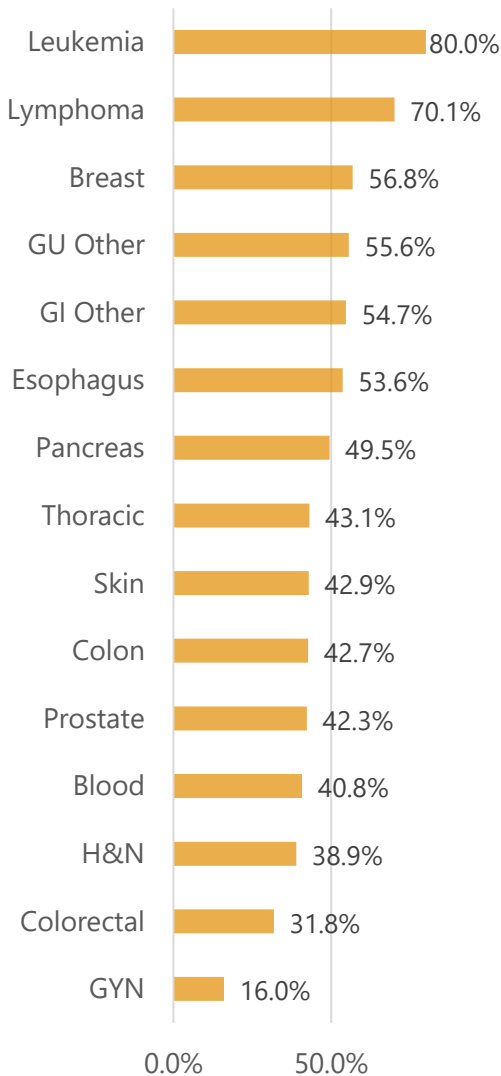
42% Patients Screened

Total Patients **1,987**

How Many Patients Were Screened by Facility?

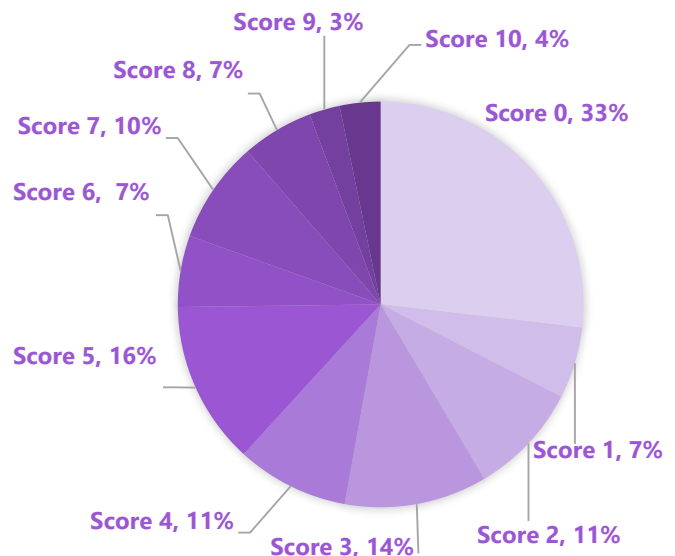


What Percentage of Patients Were Screened by Disease Site?



Distribution of Distress Scores

Note: Represents Disease-Specific Cases of 50+



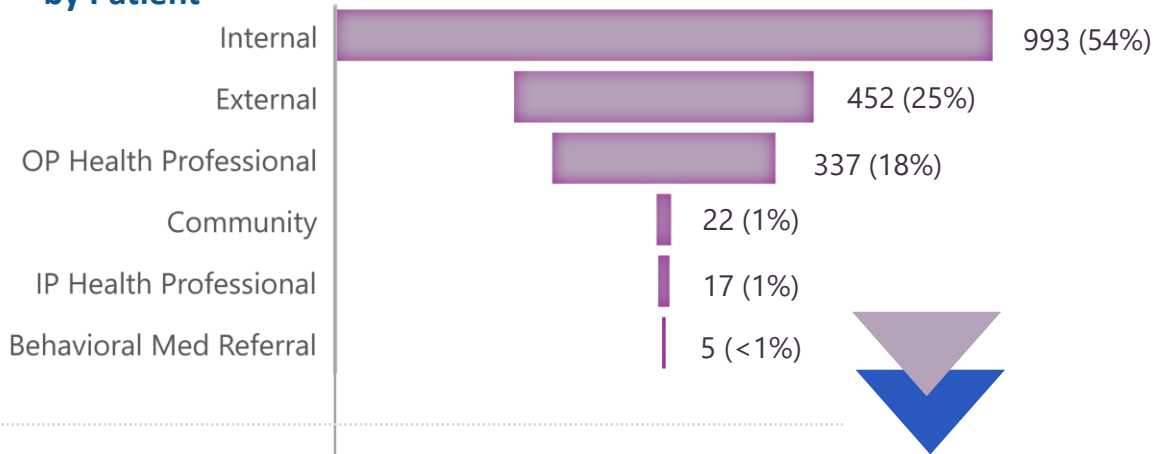


SOCIAL Support Referrals

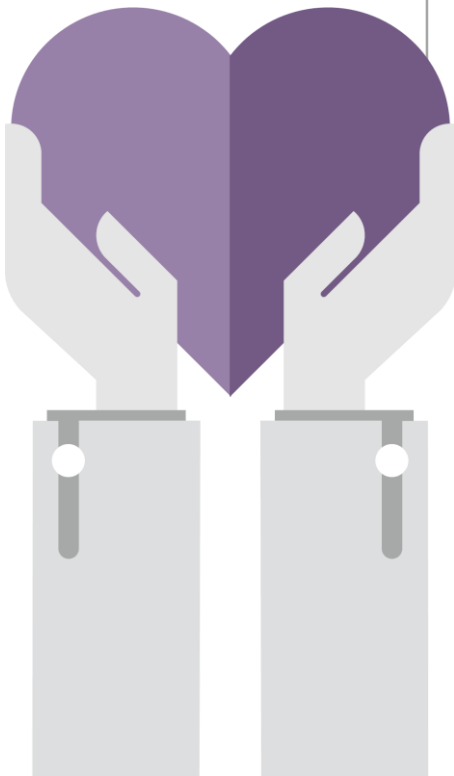
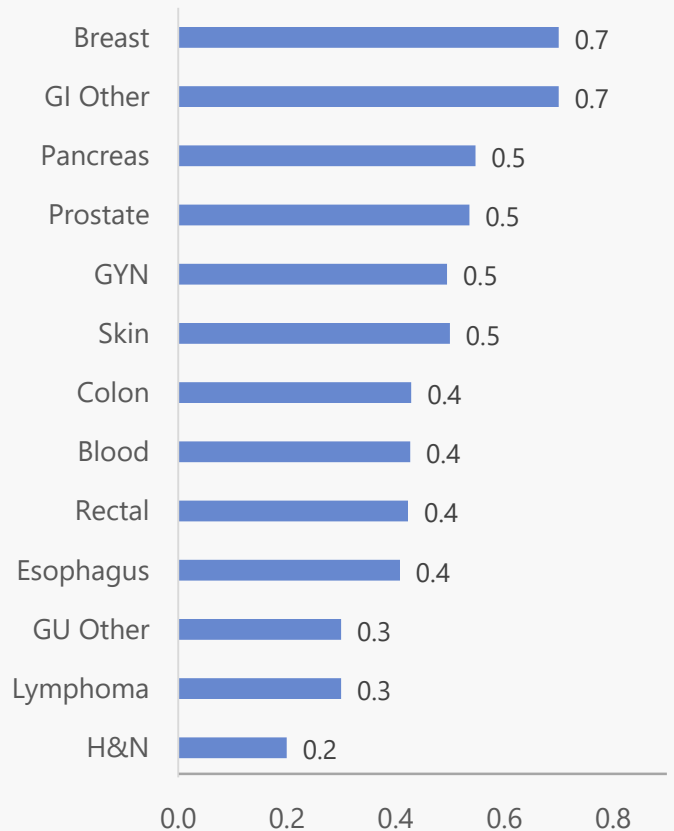
0.4 Average Referrals by Patient



Support Referrals by Type



Average Support Referrals by Disease Site



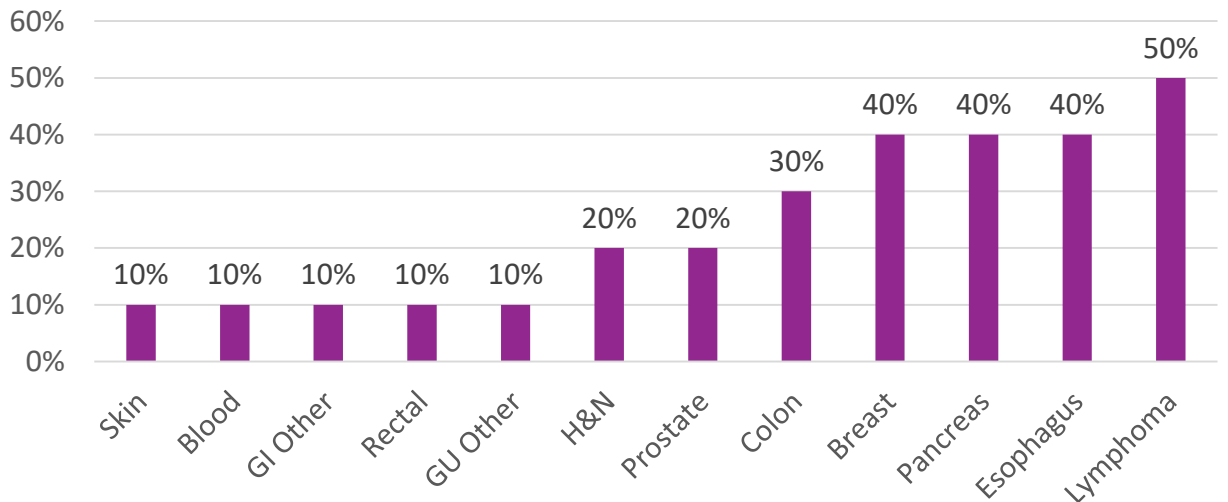


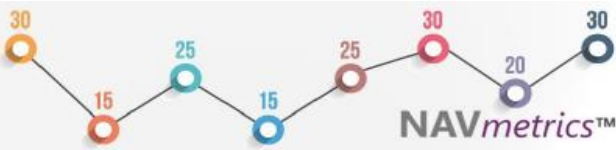
PALLIATIVE CARE Referrals

Palliative Care Referrals by Facility and Average Referrals per Patient

Facility	# Palliative Referrals	# Patients Navigated	Percentage Referred
1	326	481	68%
2	35	238	15%
3	200	468	43%
4	40	1,114	4%
5	36	697	5%
6	11	488	2%
7	0	921	0%
8	39	275	14%
Total	687	4,682	15%

Average Palliative Care Referrals per Patient by Disease Site





LEARNING STYLES

3,219 Styles Identified

0.7 Styles Identified per Patient
(baseline and study period)

Percentage Distribution of Learning Style



VISUAL

32%



VERBAL

44%



AURAL

10%



SOCIAL

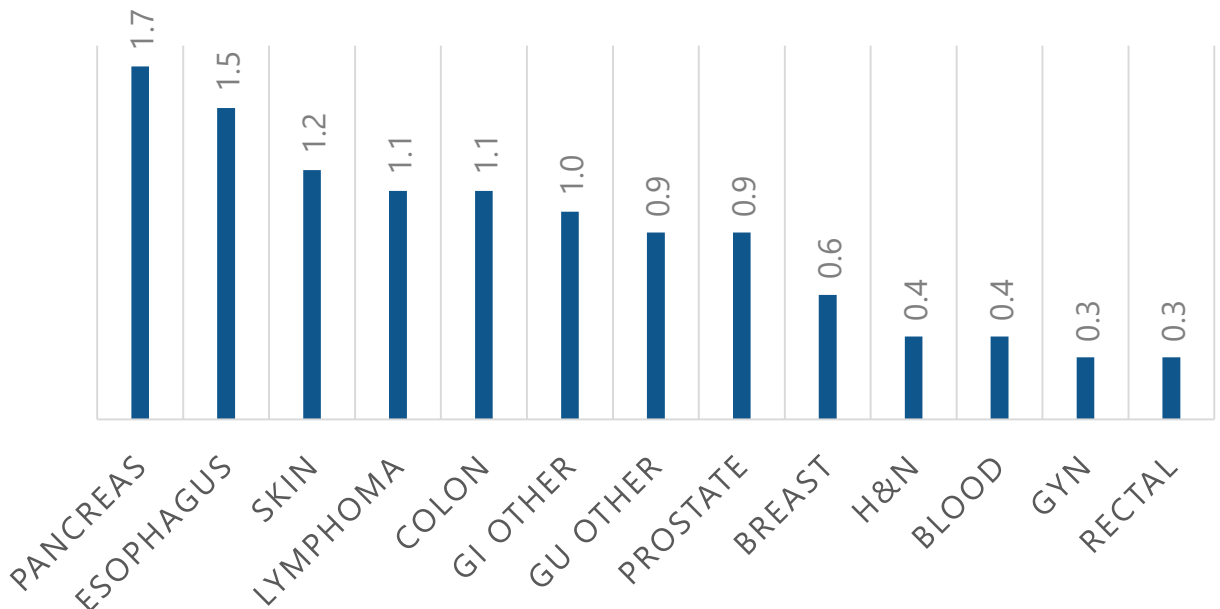
5%

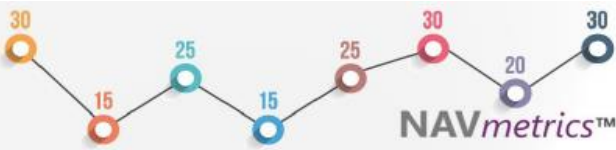


PHYSICAL

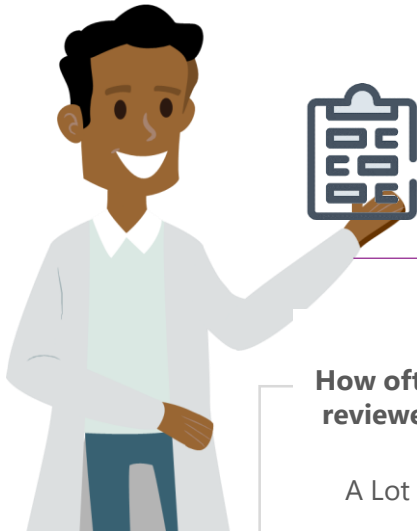
9%

Average Number of Identified Learning Styles per Patient by Disease





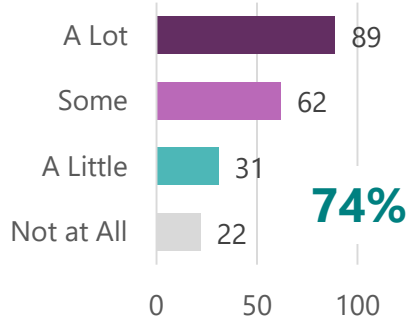
PATIENT SURVEYS



209 or **6** PERCENT
of Patients Surveyed

Q1

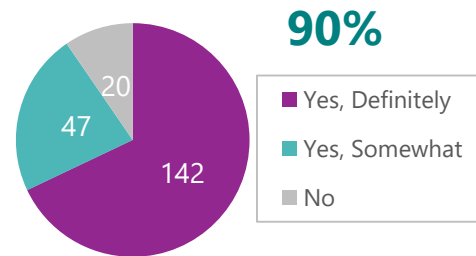
How often has your navigator reviewed treatment options?



n=204

Q2

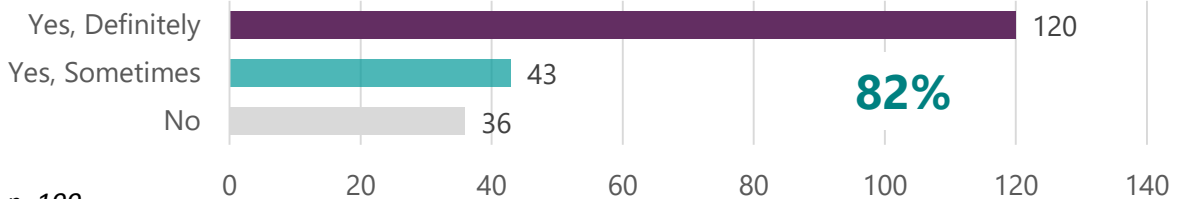
Did a navigator encourage you to participate in decisions about treatment?



n=209

Q3

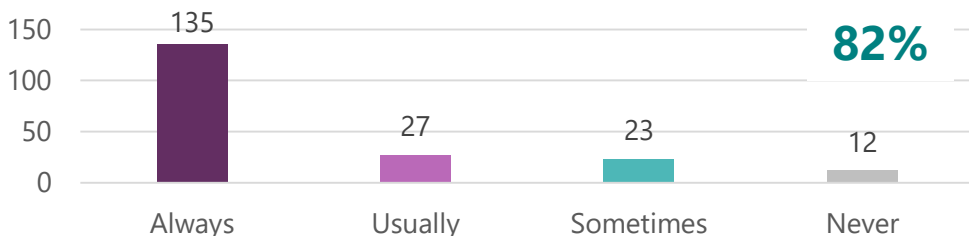
Since diagnosis, did a navigator ask your goals for treatment?



n=199

Q4

In the last 3 months, how often did a navigator listen to your needs?



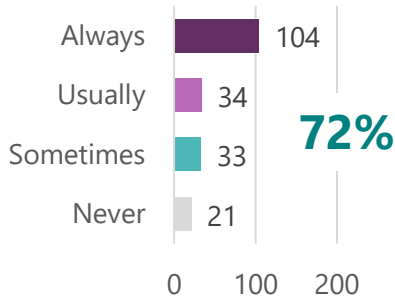
n=197



PATIENT SURVEYS (Continued)

Q5

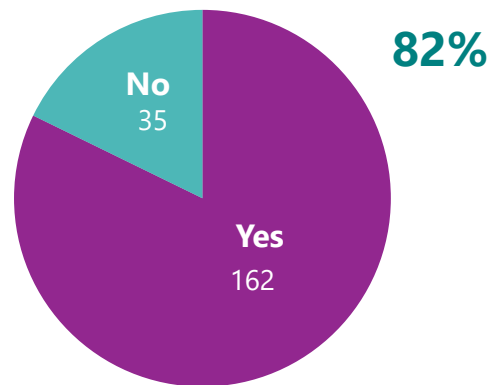
In the last 3 months, how often did your navigator spend time with you on your needs?



n=192

Q6

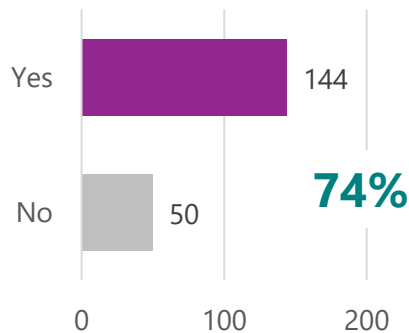
In the last 3 months, did you talk to your navigator about emotional concerns?



n=197

Q7

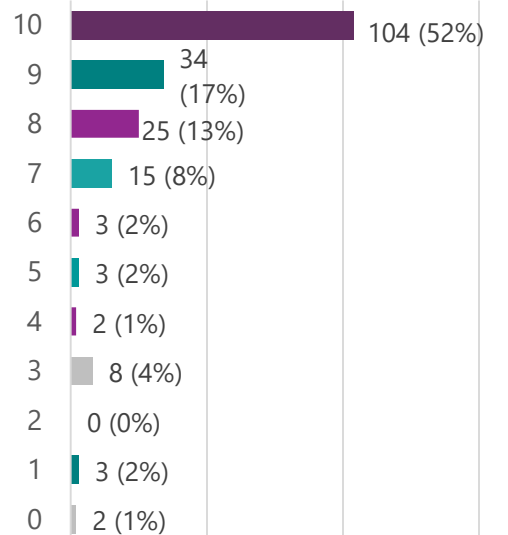
In the last 3 months, did you discuss additional services with your navigator?



n=194

Q8

How would you rate your navigator over the last 3 months?



n=199

Acknowledgement: A very special thank you to Merck Foundation for partial funding for this study.



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