





Experiences in the implementation of Navigation Programs in Hematology Services

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A Brief History of Navigation in the US...



1990: 1st Pilot study in Harlem, NY among underserved breast patients; diagnostics + navigator support to address patient barriers

Outcomes: 28% decrease in late-stage presentation, 31% increase in 5-yr survival¹



2005/6: National funding from Congress, NCI, ACS, CMS for multi-site Navigation outcomes research^{2,3}

Outcomes: Studies demonstrated improved timeliness of care, adherence, access to care and quality of life, particularly in vulnerable patients³⁻⁶



2009: Academy of Oncology Nurse & Patient Navigators (AONN+) formed

Outcomes: Professional society dedicated to oncology navigation, ~9,000 members, certification exams



... A Brief History of Navigation in the US



2017: National Navigation Roundtable launched

Outcomes: Consortium to advance navigation: recommendations for training navigators⁷ & measuring outcomes ⁸...



2020: ACS/AONN+ Standardized Navigation Metrics Toolkit published

Outcomes: 35 standardized metrics measuring impact of navigation on patient experience, clinical outcomes and return on investment⁹



2024: CMS approves funding for Principal Illness Navigation

Outcomes: ACS LION certification, programs across the US expanding navigation



Role of Oncology Navigator in the US

"individualized assistance offered to patients, families, and caregivers to help overcome health care system barriers and facilitate timely access to quality health and psychosocial care from pre-diagnosis though all phases of the cancer care experience" 10

early definition from 2010 joint position statement by ONS, AOSW, NASW

2014 GWU Core Competencies for Patient Navigators¹¹



2018 Updated ONN Core Competencies¹²



2022 'PONT' Standards¹³



My Navigation Leadership Journey



Staff: 5 Nurse Navigators

Scope: Breast, Thoracic,

Inpatient

Continuum: Diagnostics

through Survivorship

Assignments: By referral

Community Partnerships:

Social Work, Patient

Navigation, Grants

Metrics: Caseload,

Accreditation compliance



Staff: 35 Nurse & 10 Patient Navigators, 81 Intake Nurses

& Coordinators

Scope: 13 disease sites

Continuum: Intake & Active

treatment

Assignments: 100% New

patients

Community Partnerships:

Grants, Patient discounts

Metrics: Caseload,

Touchpoints, % Navigated,

Distress compliance, ...

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Staff: 150+ Nurse Navigators

& 16 Health Info Specialists

Scope: 4 Workstreams, 6

Service Lines

Continuum: Pre-Intake,

Intake, Active treatment

Assignments: 100% New

patients

Community Partnerships:

navigator training

Metrics: 6 Program outcome

measures, Navigation

dashboard & workbench

reporting

MD Anderson Navigator Roles & Functions

Pre-Intake Navigation askMDAnderson	Intake	Treatment	Acute
	Navigation	Navigation	Navigation
	Access	Ambulatory	Inpatient
 Assist potential new patients pending financial clearance Address financial barriers to care (PCP referral, authorization, un- or underinsured) Provide education and support to access care elsewhere when financial clearance cannot be obtained 	 Identify and address barriers to care Prepare patients for 1st appointment and set expectations Provide emotional support, patient education and supportive resources Partners with Access and clinical teams Provide disease-specific nursing expertise 	 Identify and address barriers to care Coordinate care throughout active treatment phase Provide emotional support, patient education and supportive resources Partner with clinical teams and support services Provide disease-specific nursing expertise 	 Identify and address barriers to care Safe discharge planning and post-discharge support Provide patient education Support multi-disciplinary rounds Partner with inpatient and ambulatory clinical teams Provide oncology, navigation and case management nursing expertise



Considerations in Implementing and Expanding Navigation Services

Key Stakeholders and Champions

- Executive Champions, Faculty/Physicians, Leaders, 'Early Adopters'
- Programmatic business case → Return on Investment and strategic alignment
- 'What's in it for me?'

Program Design

- Nurse +/- Patient Navigation
- Scope of Services → Continuum of Care & duration of services
- Eligibility Criteria, Coverage & Case-finding
 - All patients or specific services lines
 - By Referral of ?? % of patients
 - How will you identify patients needing navigation?
- Caseloads & Staffing
 - Annual cases per navigator
 - Open/active cases per navigator
 - Internal benchmarking



Considerations in Implementing and Expanding Navigation Services

Patient Population

- Key characteristics: demographics, payors, unmet needs
- Patient and caregiver perspectives

Role Delineation

- What specific tasks does each navigator in your program own?
- Cross-walk with key roles (e.g., Social Work, APPs, Clinic nurses)

Metrics and Reporting

- O How will you measure success?
- Outcome vs. Process measures
- Align documentation with reporting



Specific Considerations for Hematology

- Patient acuity = Clinical acuity + Navigation acuity
- !! Different routes to access care → Emergency Room, urgent care, etc.
- !! Additional roles to consider: transplant nurse coordinator
- ! Complexity of scheduling and treatment algorithms
- !! Transfer between institutions



References

- 1. Freeman, H. P., & Rodriguez, R. L. (2011). History and principles of patient navigation. *Cancer*, 117(S15), 3537-3540.
- 2. Knudsen, K. E., Wiatrek, D. E., Greenwald, J., McComb, K., & Sharpe, K. (2022). The American Cancer Society and patient navigation: Past and future perspectives. *Cancer*, 128, 2673-2677.
- 3. Freund, K. M., Battaglia, T. A., Calhoun, E., Dudley, D. J., Fiscella, K., Paskett, E., ... & Patient Navigation Research Program Group. (2008). National cancer institute patient navigation research program: methods, protocol, and measures. *Cancer*, 113(12), 3391-3399.
- 4. Freund, K. M., Battaglia, T. A., Calhoun, E., Darnell, J. S., Dudley, D. J., Fiscella, K., ... & Writing Group of the Patient Navigation Research Program. (2014). Impact of patient navigation on timely cancer care: the Patient Navigation Research Program. *Journal of the National Cancer Institute*, 106(6), dju115.
- 5. Battaglia, T. A., Bak, S. M., Heeren, T., Chen, C. A., Kalish, R., Tringale, S., ... & Freund, K. M. (2012). Boston Patient Navigation Research Program: the impact of navigation on time to diagnostic resolution after abnormal cancer screening. *Cancer Epidemiology, Biomarkers & Prevention,* 21(10), 1645-1654.
- 6. Ko, N. Y., Snyder, F. R., Raich, P. C., Paskett, E. D., Dudley, D. J., Lee, J. H., ... & Freund, K. M. (2016). Racial and ethnic differences in patient navigation: results from the Patient Navigation Research Program. *Cancer, 122*(17), 2715-2722.
- 7. Wells, K. J., Battaglia, T. A., Dudley, D. J., Garcia, R., Greene, A., Calhoun, E., ... & Patient Navigation Research Program. (2008). Patient navigation: state of the art or is it science?. *Cancer*, 113(8), 1999-2010.
- 8. Valverde, P. A., Burhansstipanov, L., Patierno, S., Gentry, S., Dwyer, A., Wysocki, K. L., ... & Johnston, D. (2019). Findings from the National Navigation Roundtable: a call for competency-based patient navigation training. Cancer, 125(24), 4350-4359.



References

- 9. Battaglia, T. A., Fleisher, L., Dwyer, A. J., Wiatrek, D. E., Wells, K. J., Wightman, P., ... & National Navigation Roundtable Evidence-Based Task Group. (2022). Barriers and opportunities to measuring oncology patient navigation impact: results from the National Navigation Roundtable survey. *Cancer*, 128, 2568-2577.
- 10. American Cancer Society & Academy of Oncology Nurse and Patient Navigators. (2020). Navigation metrics toolkit. Available at: https://aonnonline.org/images/resources/navigation-tools/2020-AONN-Navigation-Metrics-Toolkit.pdf
- 11. Oncology Nursing Society, Association of Oncology Social Work, & National Association of Social Workers (2010). Oncology Nursing Society, the Association of Oncology Social Work, and the National Association of Social Workers joint position on the role of oncology nursing and oncology social work in patient navigation. *Oncology Nursing Forum*, 37(3), 251–252.
- 12. Pratt-Chapman, M.L., Willis, L.A., & Masselink L. (2014). Core Competencies for Non-Clinically Licensed Patient Navigators. The George Washington University Cancer Institute, Center for the Advancement of Cancer Survivorship. Available at: https://cancercontroltap.smhs.gwu.edu/sites/g/files/zaskib661/files/2021-09/18%20-%20PN%20Competencies%20Report%20508.pdf.
- 13. Baileys, K., McMullen, L., Lubejko, B., Christensen, D., Haylock, P. J., Rose, T., ... & Srdanovic, D. (2018). Nurse Navigator Core Competencies: An update to reflect the evolution of the role. *Clinical Journal of Oncology Nursing*, 22(3).
- 14. Franklin, E., Burke, S., Johnston, D., Nevidjon, B., & Booth, L. S. (2022). Oncology navigation standards of professional practice. *Journal of Oncology Navigation and Survivorship*, 13(3).



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