

2024 AdventHealth Cancer Institute

Waterman Outcomes Report





AdventHealth Waterman is proud to present our 2024 Annual Outcomes Report, including 2024 activities and 2023 cancer registry data.

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Message from the Comprehensive Committee Chair

Dear Patients, Community Members and Colleagues:

In 2024, AdventHealth Cancer Institute Waterman continued to advance our services to provide comprehensive and high-quality cancer care to our community. Some accomplishments include:

- Waterman was awarded \$12,500 from the McLin Foundation to provide breast cancer resources to women in our community. The funds were used to purchase patient educational models and materials, and to create a series of educational videos on topics such as breast cancer screening, diagnosis and treatment featuring clinicians from Waterman's cancer team. These videos, models and materials are used by the Cancer Institute staff to educate patients on important cancer-related topics.
- Waterman received a grant for \$2,500 from the Prevent Cancer Foundation to translate cancer education and prevention information into Spanish. Using these grant funds, AdventHealth will empower Spanish-speaking individuals with crucial educational materials on cancer screening and early treatment.
- The Ion system for robotic navigational bronchoscopy was implemented in March to improve diagnosis and treatment of lung cancer. To date, over 100 patients have received the procedure which helps with early cancer diagnosis.
- Capital funds of over \$37,000 were used to purchase new exam room chairs for Radiation Oncology.
- Foundation funds were used to establish the Strands of Hope Wig Boutique – in partnership with EBeauty – offering complimentary wigs and wig styling to cancer patients in the community. The primary objective of this partnership is to offer emotional and psychological support to women experiencing hair loss due to cancer treatment. On October 18, the “Beautiful You” event was held at Waterman – thirty cancer patients received complimentary wigs, with styling provided by students from Paul Mitchell The School of Orlando.
- Waterman's Radiation Oncology team was once again – for the third year in a row – awarded the Press Ganey Guardian of Excellence Award which recognizes sustained 95th percentile or higher performance in patient experience – a remarkable achievement that also demonstrates AdventHealth's mission in action.



- Waterman received a grant of \$3,000 from FLASCO (Florida Society for Clinical Oncology) to provide cancer patients with financial assistance with household and transportation expenses. This much needed support bridges the gap between treatment and recovery for underserved cancer patients.
- Waterman's Radiation Oncology Program was awarded accreditation by the American College of Radiology – external validation of the excellence in radiation oncology care the team provides.

In addition to the above activities in 2024, several new clinicians were added to the cancer team at Waterman:



Tina Barker, MSN, RN – Nurse Manager, Inpatient Oncology Unit at Waterman



Francis Christian, MD -- Pulmonology



Franziska Huettner, MD, PhD, FACS – Plastic and Reconstructive Surgery

These activities demonstrate Waterman's commitment to provide outstanding cancer care to members of Lake County.

Regards,



Borys Mascarenhas, MD
Chair, 2024 Comprehensive Cancer Committee
Breast Program Medical Director



Vision

Since its establishment in 1938, AdventHealth Waterman has been a leading provider of health care in Central Florida. The AdventHealth Cancer Institute Waterman continues to expand its services, offering the growing Lake County population easy access to the latest

advances in cancer care. Our vision is to grow and enhance oncology services to be recognized as Lake County's leading provider of choice for comprehensive and high-quality cancer care.

About The Cancer Institute

From diagnosis to recovery, AdventHealth Cancer Institute Waterman offers innovative state-of-the-art health care. Our oncologists are experts in cancer care, having trained at top medical schools, and in other prominent hospitals and institutions. And through AdventHealth Cancer Institute, we connect Lake County to a network of care that ensures access to additional cancer specialists and technology.

The Cancer Institute is accredited as a Comprehensive Community Cancer Program by the Commission on Cancer of the American College of Surgeons, and our breast program is accredited by the National Accreditation Program for Breast Centers. This means that we meet the highest national standards in comprehensive patient-centered and quality care. At AdventHealth Cancer Institute Waterman, patients can stay close to home — connected to their families and the community — while receiving the latest cancer treatments and therapies.

But state-of-the-art doesn't refer only to technology. Our physicians and staff are dedicated to caring for each patient with compassion. Our team embraces the AdventHealth service standards that focus on the whole care experience of each individual — physical, emotional and spiritual, resulting in a unique health care experience.

AdventHealth Cancer Institute Waterman's patient satisfaction scores are consistently in the 95th percentile and above when compared to other institutions in the country. In 2023, our cancer patient-experience surveys revealed that 99.2% of patients would recommend AdventHealth Cancer Institute Waterman to friends and family members for cancer care.

The best health care engages the body, mind and spirit, and each contributes to healing. That's why we invest in people and technology, from our state-of-the-art equipment that targets tumors with pinpoint accuracy, to cancer care navigators who provide patients with emotional support to overcome the hurdles during cancer treatment and recovery.



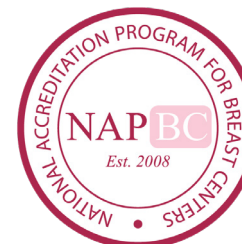
100+years

AMERICAN COLLEGE OF SURGEONS

*Inspiring Quality:
Highest Standards, Better Outcomes*



Commission
on Cancer®
ACCREDITED PROGRAM



Summary of Services

Comprehensive Cancer Center

Offering Cancer Services in One Convenient Facility

Oncology Specialists:

- Chemotherapy/infusion
- Clinical research trials
- Financial counseling
- Genetic counseling and risk assessment
- Hematology
- Medical oncology
- Navigation
- Nursing — inpatient and outpatient
- Nutritional counseling
- Oncology social work
- Otolaryngology
- Palliative care
- Pathology
- Pastoral care
- Patient support groups and education
- Pulmonology
- Radiation oncology
- Radiology
- Reconstructive surgery
- Rehabilitation
- Surgical oncology/surgery
- Survivorship care
- Tumor registry
- Urology
- Wig Boutique



National Leaders in Breast Care

Lake County's Only NAPBC-Accredited Cancer Center

Monitoring your breast health is essential. From 3D mammography and genetic testing to a world-class, multi-specialty care team, AdventHealth Waterman offers the leading methods for early detection of breast cancer along with the most advanced treatments. And, with comprehensive support groups and survivorship programs, we're here for you in body, mind and spirit.



Cancer Care Navigators



Eileen Bascombe, RN, BSN, ONN-CG

Cancer Care Navigator
Breast



Janet Moore, RN, BSN

Cancer Care Navigator
Lung



**Charissa Wynn, RN, BSN,
OCN, ONN-CG**

Cancer Care Navigator
Colon/Prostate/Other Tumors

Waterman's Cancer Navigation program is the only one of its kind in Lake County, offering a unique, complementary service to support patients throughout the diagnosis and treatment process. Our three cancer navigators are specially trained, nationally certified oncology nurses who serve as liaisons between patients and their medical teams during treatment and recovery. These nurses provide patients with individualized education about treatment options to support patients in making informed decisions about their care. They also help by expediting appointments with our team of cancer specialists and connecting patients with resources for financial assistance, psychosocial support and more. In 2024, our navigators assisted 500 cancer patients.

Radiation Oncology

AdventHealth Cancer Institute Waterman offers the latest innovations in radiation oncology to ensure patients have access to the safest, most effective radiation care.

Our cancer institute specializes in treating oligometastatic disease, where a patient has only a few small areas of metastases (cancer cells that have spread from one location in the body to other parts of the body). Historically, these patients were treated with systemic therapy (i.e., chemotherapy) alone. However, recent studies have shown that treatment with local therapies such as radiation and surgery may be able to extend a patient's life beyond what would have been possible with systemic therapy alone. Treating oligometastatic disease requires extremely sensitive imaging capabilities and precise radiation delivery techniques such as the state-of-the-art technology used at Waterman.

We also specialize in advanced high-dose-rate (HDR) brachytherapy for skin and prostate cancers. Brachytherapy is a minimally invasive method of internal radiotherapy that delivers concentrated doses of radiation while keeping healthy nearby tissues safer. This type of radiation is placed directly into or next to a tumor. It allows the radiation oncologist to direct the radiation dose to a smaller area in a shorter time compared to external radiotherapy.

Additional innovative radiation technologies include:

- Image-guided radiation therapy (IGRT)
- Intensity-modulated radiation therapy (IMRT)
- Deep inspiration breath hold (DIBH) therapy
- Accelerated partial breast irradiation (APBI)

- Prone breast irradiation
- 3D conformal radiation
- Conventional radiation
- Stereotactic body radiotherapy (SBRT)
- Stereotactic radiosurgery (SRS)
- Gated RapidArc radiotherapy
- Surface-guided radiation therapy (SGRT)
- Space OAR gel

Our large bore, dual-energy CT imaging scanner allows radiation treatment to be administered in a manner that tracks with the patient's respiratory movement, resulting in more accurate treatment to the tumor. In addition, with dual energies, the scanned images are much clearer, making it easier to distinguish between normal tissue and the tumor. For patients with metal implants, such as hip prostheses, dual-energy scans can reduce or eliminate the visual on the scans caused by the implants. This results in a radiation dose calculation that is more accurate.

These innovative technologies and others like the TrueBeam™ linear accelerator (a radiotherapy system that uses synchronized imaging and dose delivery to deliver radiation faster with less radiation exposure to the patient) make AdventHealth Waterman a leader in bringing new cancer treatment techniques to Lake County.

Medical Oncology

Medical oncologists at AdventHealth Waterman treat patients using the latest advances in personalized medicine. New medications and procedures have vastly improved quality of care and outcomes in many conditions. Immune therapy, targeted medication and cancer genetic studies have helped provide care locally to numerous patients in the past year. With access to these new advances and a strong relationship with local and national prominent cancer institutions and experts, advanced cutting-edge local care has become a reality.

Clinical Trials

Clinical trials are research studies aimed at evaluating if a new treatment, like a new cancer drug, is safe and effective. A clinical trial is often used to explore whether a new treatment is more effective and/or has less harmful side effects than the standard treatment. AdventHealth Cancer Institute Waterman gives patients the opportunity to participate in the newest therapies to fight cancer through a variety of clinical trials offered by our medical oncologists.

In 2024, 41 patients at AdventHealth Waterman were enrolled in clinical trials.

Oncology Nursing

Oncology care at AdventHealth Cancer Institute Waterman is provided by nurses with specialized knowledge and skills in cancer. From diagnosis, initial treatment, surgery and all aspects of cancer care, our nurses are trained in the unique physical and emotional needs of the cancer patient and their family. Nurses must be certified in oncology nursing and/or have specialized knowledge and skills in oncology.

Rehabilitation

At AdventHealth Waterman, we provide comprehensive oncology rehabilitation care. Physical therapy, occupational therapy and speech therapy are available to patients throughout the continuum of their treatment including acute care, inpatient rehab, home care and outpatient rehabilitation. The services provided include functional mobility training, patient and caregiver education, strengthening, reduction of soft tissue restrictions, lymphedema therapy, vestibular and balance training, and speech and swallow therapy exercises.

Nutritional Care

At AdventHealth Waterman, the Clinical Nutrition Services team provides individualized Medical Nutrition Therapy (MNT) to patients in inpatient, rehab and outpatient settings. The services provided include screening patients for nutritional risk, assessing nutritional needs, implementing an individualized MNT plan based on the patient's needs and care goals, providing nutrition education, and monitoring and revising MNT plans as needed. Cancer patients receive a complimentary outpatient visit with our oncology-trained registered dietitian. This helps cancer patients maintain and improve their nutrition to allow them to complete their cancer treatment in a timely manner.

Financial Counseling

AdventHealth Cancer Institute Waterman strives to reduce the stress and worry of the financial burden a cancer diagnosis often causes. Our specialized team assists patients, and their caregivers, with insurance authorizations, financial counseling support to address financial barriers to care, and with access to resources for assistance with transportation needs, insurance coverage, and disability and personal insurance paperwork.

Wig Boutique

The Strands of Hope Wig Boutique at AdventHealth Cancer Institute Waterman is a unique service offered in Lake County. The Boutique – a partnership with EBeauty and the Waterman Foundation – offers free wigs with complimentary fitting services for cancer patients and survivors, and other individuals experiencing medically related hair loss. The Boutique was created to boost patients' confidence, improve quality of life, provide a sense of normalcy during treatment, and support a holistic approach to care. The Boutique, based in the Cancer Institute at Waterman, provides one-hour consultations with a trained wig fitter. For more information, call 352-253-3047.

Genetic Counseling

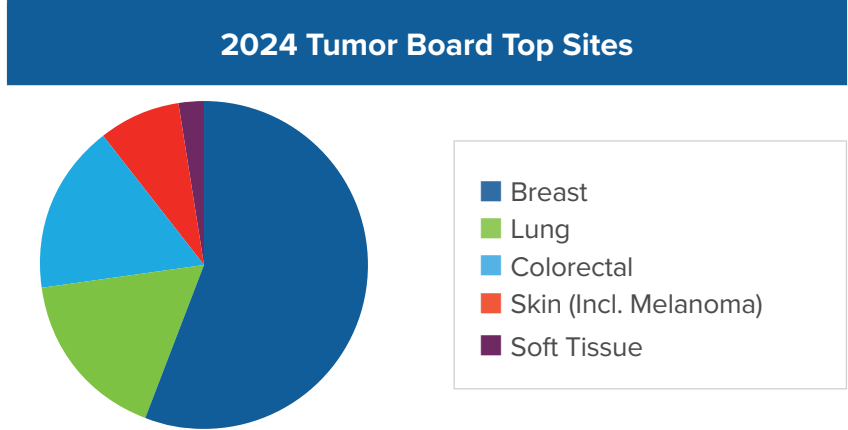
AdventHealth Cancer Institute Waterman offers access to certified genetic counselors. These specialists provide counseling on genetics and risk management to cancer patients. The genetic counselor collects family history, facilitates genetic testing and evaluation, interprets test results and tells patients about risk-appropriate management guidelines. The genetic counselor also facilitates genetic counseling and testing for family members of cancer patients.

Tumor Board

A multidisciplinary approach is often used to determine the most effective individualized treatment plans for our patients. Each week a team of our specialty physicians meets to review and discuss individual cases before recommending the best course of treatment. During these weekly tumor board meetings, each case is also reviewed against the Clinical Practice Guidelines established by the National Comprehensive Cancer Network (NCCN), an alliance of leading cancer centers. These guidelines offer additional clinical evidence and support to ensure our patients are receiving the best treatment options. The Cancer Institute also holds a weekly Breast Case Conference which is a tumor board dedicated to review of breast cancer cases.

Cases Reviewed at Tumor Board

At AdventHealth Waterman, patients with complex cancer conditions are supported by a team of oncologists and other cancer specialists who collaborate at the Tumor Board to determine the best possible treatment plan for each patient. In 2024, 338 cancer cases were presented at Tumor Board. Breast cancer, the most diagnosed cancer, was the most frequently reviewed type of cancer at Tumor Boards.



Source: AdventHealth Cancer Institute Waterman Cancer Registry

Cancer Registry

Improving the survival and quality of life of our patients is our top priority. As part of our accreditation with the Commission on Cancer of the American College of Surgeons, AdventHealth Cancer Institute Waterman maintains a Cancer Registry. This information system allows us to track and compare our cancer outcomes and survival rates with other facilities across the country. The collective data helps us stay up to date on successful treatment trends and clinical trials, and guides us in designing programs to keep our community better educated about the importance of cancer screenings and prevention.



Primary Tumor Sites

Breast cancer was the most diagnosed cancer at AdventHealth Waterman in 2023, followed by digestive and respiratory cancers. Endocrine, connective and soft-tissue cancers were the least frequently diagnosed.

Primary Site	Total Cases	Analytic	Non-Analytic	Sex-M	Sex-F	AJCC Stage 0	AJCC Stage I	AJCC Stage II	AJCC Stage III	AJCC Stage IV
All Sites	1274	846	428	652	622	61	293	175	116	271
Oral Cavity	34	24	10	25	9	0	7	5	2	12
Lip	0	0	0	0	0	0	0	0	0	0
Tongue	12	9	3	8	4	0	4	2	1	3
Oropharynx	4	4	0	3	1	0	0	0	1	2
Hypopharynx	0	0	0	0	0	0	0	0	0	0
Other	18	11	7	14	4	0	3	3	0	7
Digestive System	213	144	69	119	94	4	23	41	28	81
Esophagus	20	15	5	15	5	0	1	0	5	8
Stomach	8	7	1	6	2	0	2	2	0	4
Colon	68	62	6	36	32	1	9	19	9	23
Rectum	41	21	20	20	21	0	5	4	8	16
Anus/Anal Canal	3	3	0	1	2	0	0	2	0	1
Liver	20	12	8	13	7	2	2	2	4	8
Pancreas	35	13	22	18	17	3	3	9	1	18
Other	18	11	7	10	8	1	1	5	1	3

This report excludes CA in-situ cervix cases, squamous and basal cell skin cases, and intraepithelial neoplasia cases.

Analytic: Patients who were diagnosed and/or received their first course of treatment at AdventHealth Waterman.

Non-analytic: Patients who were treated at AdventHealth Waterman for subsequent treatment or for other conditions not related to first diagnosis/treatment.

Source: AdventHealth Cancer Institute Waterman Cancer Registry

Primary Tumor Sites - Continued

Primary Site	Total Cases	Analytic	Non-Analytic	Sex-M	Sex-F	AJCC Stage 0	AJCC Stage I	AJCC Stage II	AJCC Stage III	AJCC Stage IV
All Sites	1263	813	450	623	640	77	284	176	136	254
Respiratory System	168	110	58	82	86	2	41	7	27	76
Nasal/Sinus	3	2	1	3	0	0	0	0	0	2
Larynx	11	9	2	9	2	2	3	0	2	3
Other	2	2	0	0	2	0	0	0	1	0
Lung/Bronc-Small Cell	23	15	8	7	16	0	1	0	3	17
Lung/Bronc-Non Small Cell	117	74	43	56	61	0	34	6	21	47
Other Bronchus & Lung	12	8	4	7	5	0	3	1	0	7
Blood & Bone Marrow	87	16	71	46	41	0	2	5	5	6
Leukemia	43	2	41	23	20	0	0	0	1	6
Multiple Myeloma	27	8	19	12	15	0	2	5	4	0
Other	17	6	11	11	6	0	0	0	0	0
Bone	0	0	0	0	0	0	0	0	0	0
Connect/Soft Tissue	3	1	2	2	1	0	1	0	0	0
Skin	49	41	8	30	19	1	18	13	4	7
Melanoma	46	39	7	28	18	1	17	13	3	7
Other	3	2	1	2	1	0	1	0	1	0
Breast	212	189	23	1	211	17	121	34	12	10

Primary Tumor Sites - Continued

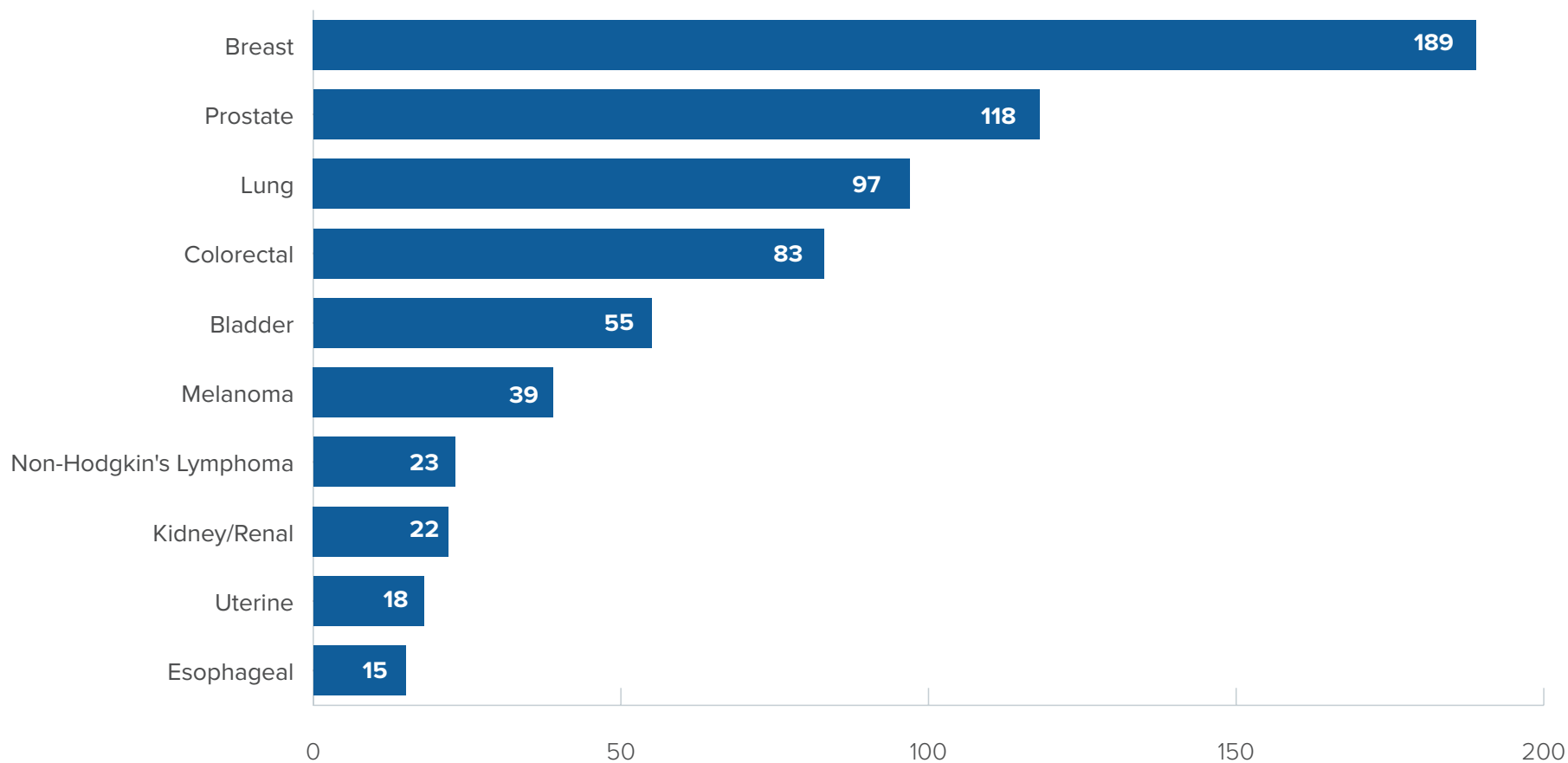
Primary Site	Total Cases	Analytic	Non-Analytic	Sex-M	Sex-F	AJCC Stage 0	AJCC Stage I	AJCC Stage II	AJCC Stage III	AJCC Stage IV
All Sites	1263	813	450	623	640	77	284	176	136	254
Female Genital	61	31	30	0	61	0	18	2	8	16
Cervix Uteri	6	3	3	0	6	0	2	0	1	2
Corpus Uteri	27	15	12	0	27	0	12	2	3	3
Ovary	16	11	5	0	16	0	2	0	3	6
Vulva	6	0	6	0	6	0	2	0	0	2
Other	6	2	4	0	6	0	0	0	1	3
Male Genital	199	123	76	199	0	0	29	45	17	33
Prostate	194	118	76	194	0	0	26	45	17	33
Testis	3	3	0	3	0	0	3	0	0	0
Other	2	2	0	2	0	0	0	0	0	0
Urinary System	109	84	25	83	26	37	24	13	7	10
Bladder	70	55	15	55	15	33	7	11	3	7
Kidney/Renal	31	22	9	20	11	1	17	2	3	2
Other	8	7	1	8	0	3	0	0	1	1

Primary Tumor Sites - Continued

Primary Site	Total Cases	Analytic	Non-Analytic	Sex-M	Sex-F	AJCC Stage 0	AJCC Stage I	AJCC Stage II	AJCC Stage III	AJCC Stage IV
All Sites	1263	813	450	623	640	77	284	176	136	254
Brain & Central Nervous System	59	37	22	23	36	0	0	0	0	0
Brain (Benign)	1	1	0	1	0	0	0	0	0	0
Brain (Malignant)	13	7	6	7	6	0	0	0	0	0
Other	45	29	16	15	30	0	0	0	0	0
Endocrine	12	8	4	6	6	0	1	0	0	3
Thyroid	1	1	0	0	1	0	1	0	0	3
Other	11	7	4	6	5	0	0	0	0	0
Lymphatic System	53	26	27	30	23	0	8	10	5	18
Hodgkin's Disease	5	3	2	3	2	0	0	1	0	4
Non-Hodgkin's	48	23	25	27	21	0	8	9	5	14
Unknown Primary	9	8	1	4	5	0	0	0	0	0
Other/III-Defined	6	4	2	2	4	0	0	0	1	2

Ten Most Commonly Diagnosed Cancers

In 2023, of the ten most diagnosed cancers at AdventHealth Waterman, breast, lung and prostate cancers accounted for more than half of all cases.

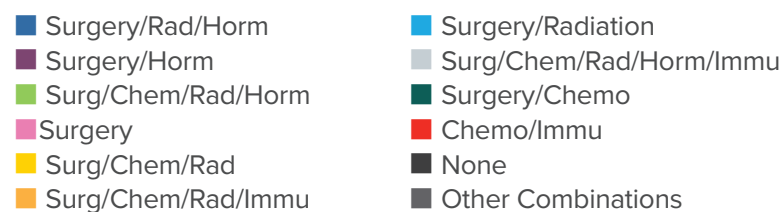
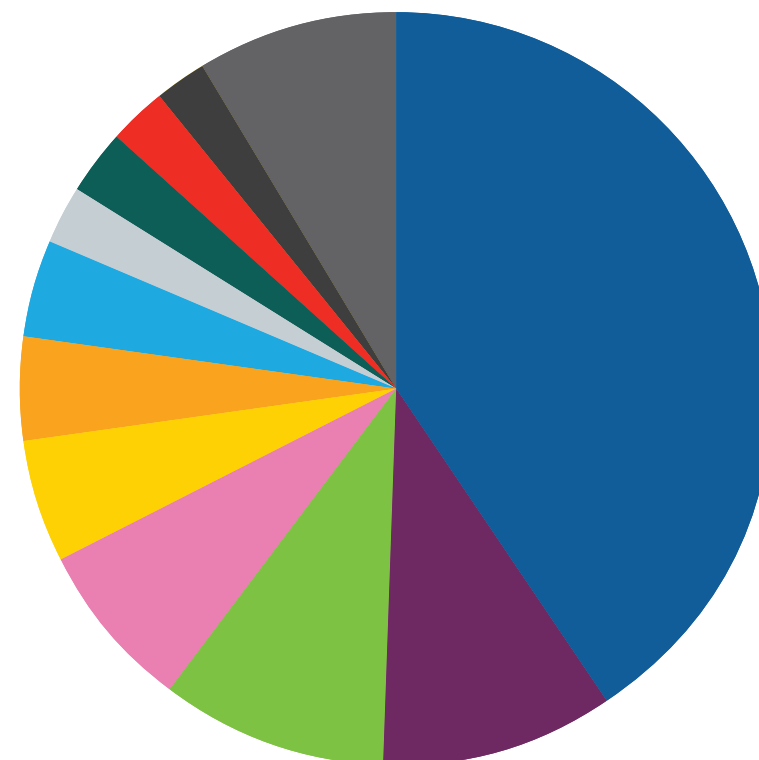


Source: AdventHealth Cancer Institute Waterman Cancer Registry
2023 Analytic Cases

Breast: Treatment Combinations

The most common forms of treatment for breast cancer patients at AdventHealth Waterman in 2023 were surgery, chemotherapy, hormone therapy and radiation therapy.

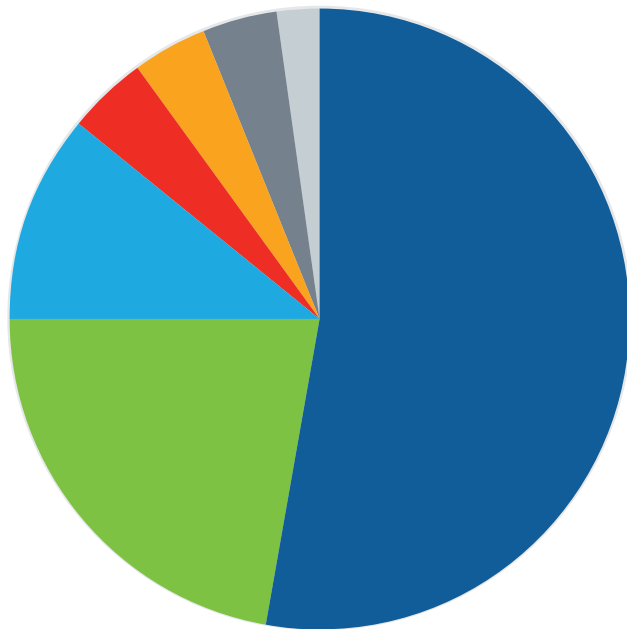
Treatment Type	Number of Cases	Percent
Total Cases	189	100.00%
Surgery/Radiation/Horm	77	40.74%
Surgery/Horm	19	10.05%
Surgery/Chemo/Rad/Horm	18	9.52%
Surgery	14	7.41%
Surgery/Chemo/Rad	10	5.29%
Surgery/Chemo/Rad/Immu	8	4.23%
Surgery/Radiation	8	4.23%
Surgery/Chemo/Rad/Horm/Immu	5	2.65%
Surgery/Chemo	5	2.65%
Chem/Immu	5	2.65%
None	4	2.12%
Other Combinations	16	8.46%



Source: AdventHealth Cancer Institute Waterman Cancer Registry

Bladder: Treatment Combinations

In 2023, 53 percent of patients with bladder cancer were treated with surgery at AdventHealth Waterman. Surgery combined with immunotherapy was the second most common form of treatment.

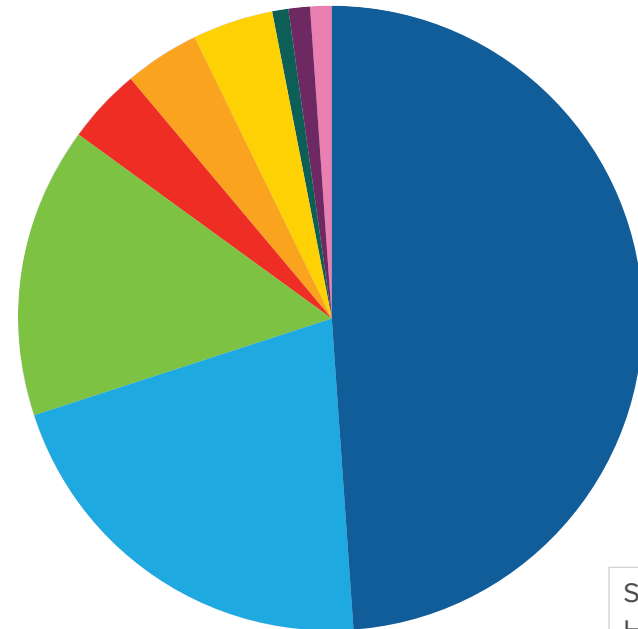


■ 53% Surgery	■ 4% Surg/Chem/Immu
■ 22% Surg/Chem	■ 4% Surg/Rad
■ 11% Surg/Immu	■ 4% Surg/Rad/Immu
	■ 2% Surg/Chem/Rad/Immu

Source: AdventHealth Cancer Institute Waterman Cancer Registry

Colon: Treatment Combinations

In 2023, 49 percent of patients with colon cancer were treated with surgery at AdventHealth Cancer Institute Waterman. Surgery combined with chemotherapy was the second most common form of treatment.



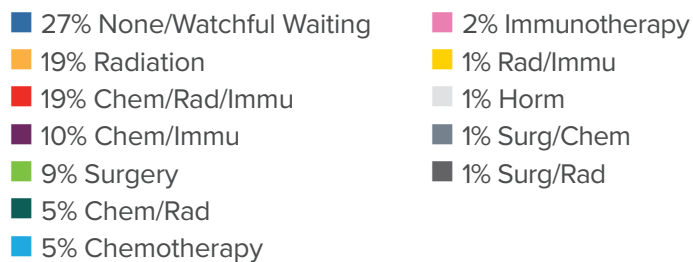
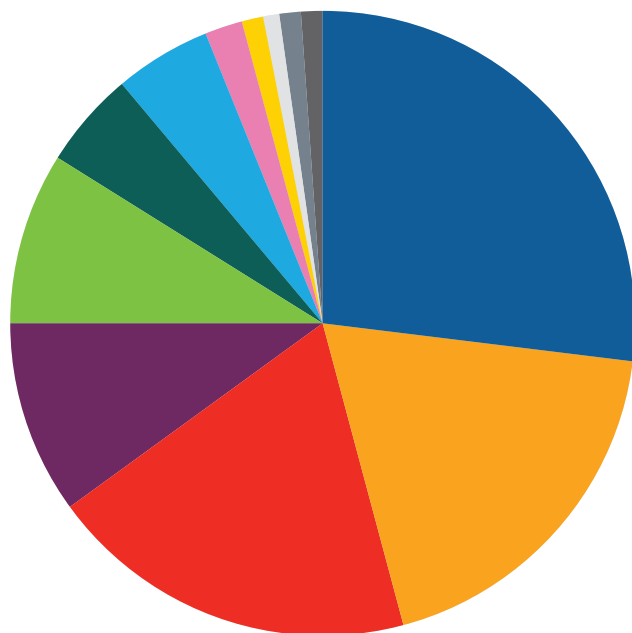
■ 49% Surgery	■ 4% Chemo
■ 21% Surg/Chem	■ 1% Surg/Chem/Immu
■ 15% None	■ 1% Chemo/Rad/Immu
■ 4% Chem/Immu	■ 1% Rad
■ 4% Surg/Immu	

Surg: Surgery
Horm: Hormone Therapy
Rad: Radiation
Chem: Chemotherapy
Immu: Immunotherapy

Source: AdventHealth Cancer Institute Waterman Cancer Registry

Lung: Treatment Combinations

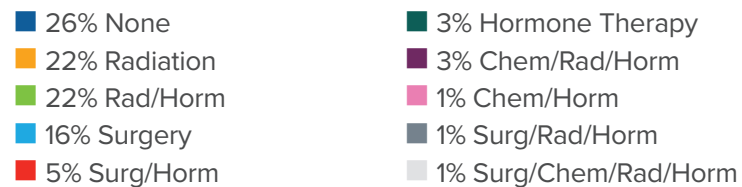
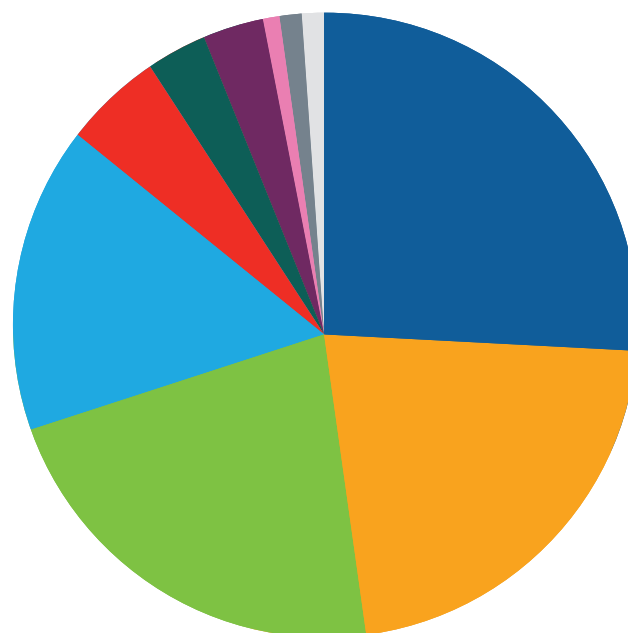
Radiation and/or chemotherapy and immunotherapy was used to treat half of all patients treated for lung cancer at AdventHealth Cancer Institute Waterman in 2023.



Source: AdventHealth Cancer Institute Waterman Cancer Registry

Prostate: Treatment Combinations

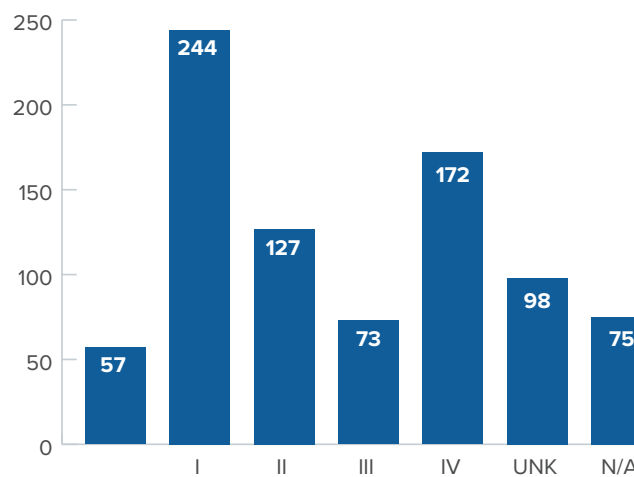
Radiation was the most frequently used therapy to treat AdventHealth Waterman patients diagnosed with prostate cancer in 2023.



Source: AdventHealth Cancer Institute Waterman Cancer Registry

Stage at Diagnosis

In 2023, 51 percent of cancer patients seen at AdventHealth Waterman were diagnosed in the early stage (Stages 0-II). Often, when a cancer is diagnosed in an earlier stage, the cancer is more treatable. The stage in which the disease is detected often varies by cancer type.



Stage	Cases	Percent
Total	846	100%
0	57	7%
I	244	29%
II	127	15%
III	73	9%
IV	172	20%
UNK	98	12%
N/A	75	8%

Summary Stage at Diagnosis

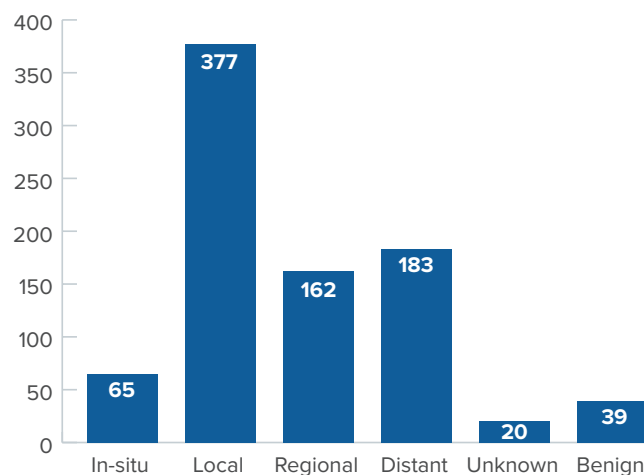
Of cancers diagnosed at AdventHealth Cancer Institute Waterman in 2023, 45 percent were discovered while the cancer was still localized to the area in which it originated. Of cancers diagnosed in 2023, 22 percent of patients were diagnosed after the cancer had spread to distant parts of the body.

In-situ: Abnormal cells present but have not spread

Local: Cancer limited to where it originated

Regional: Cancer that has spread to nearby tissue or body parts

Distant: Cancer that has spread to distant parts of the body



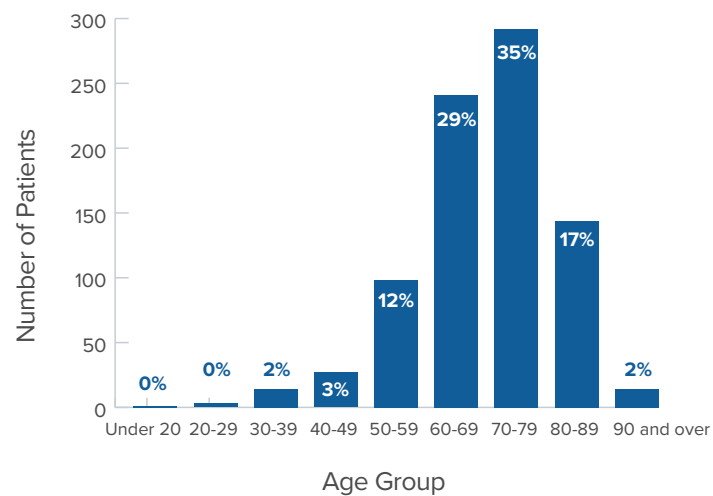
Stage	Cases	Percent
Total	846	%100
In-situ	65	8%
Local	377	45%
Regional	162	19%
Distant	183	22%
Unknown	20	2%
Benign	39	4%

Source: AdventHealth Cancer Institute Waterman Cancer Registry; Analytic Cases

SEER: The Surveillance, Epidemiology, and End Results Program of the National Cancer Institute (NCI) is an authoritative source of information on cancer incidence and survival in the United States.

Age at Diagnosis

Cancer was most frequently diagnosed in patients age 70 to 79, followed by those 60 to 69 years of age.



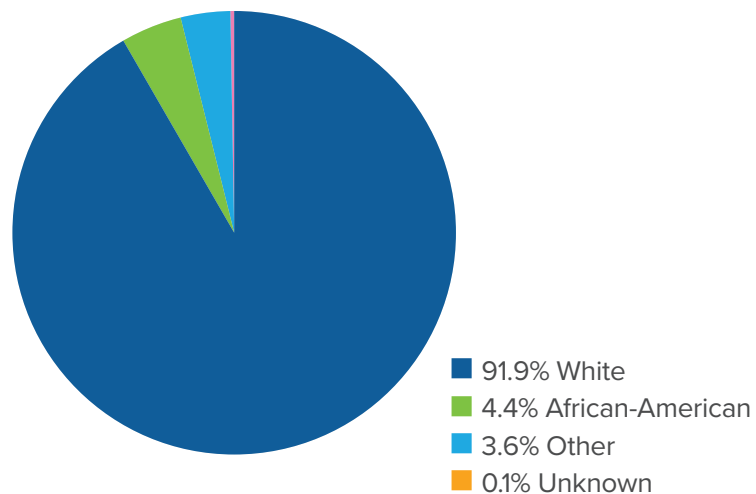
Source: AdventHealth Cancer Institute Waterman Cancer Registry



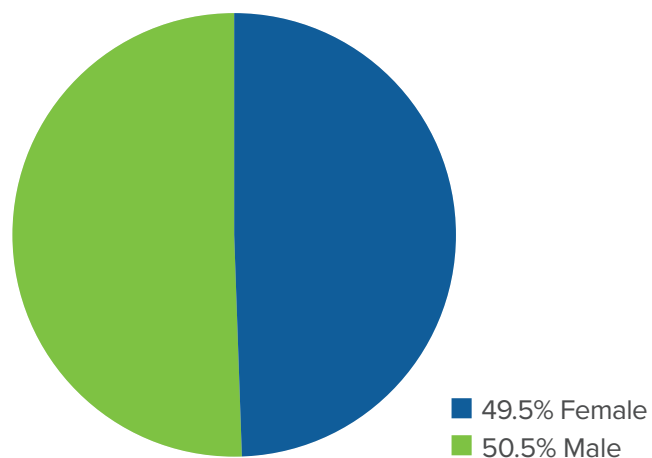
Shivam Kharod, MD
Radiation Oncologist

AdventHealth Waterman's Radiation Oncology Program
is accredited by the American College of Radiology.

Diagnosis by Race



Diagnosis by Gender

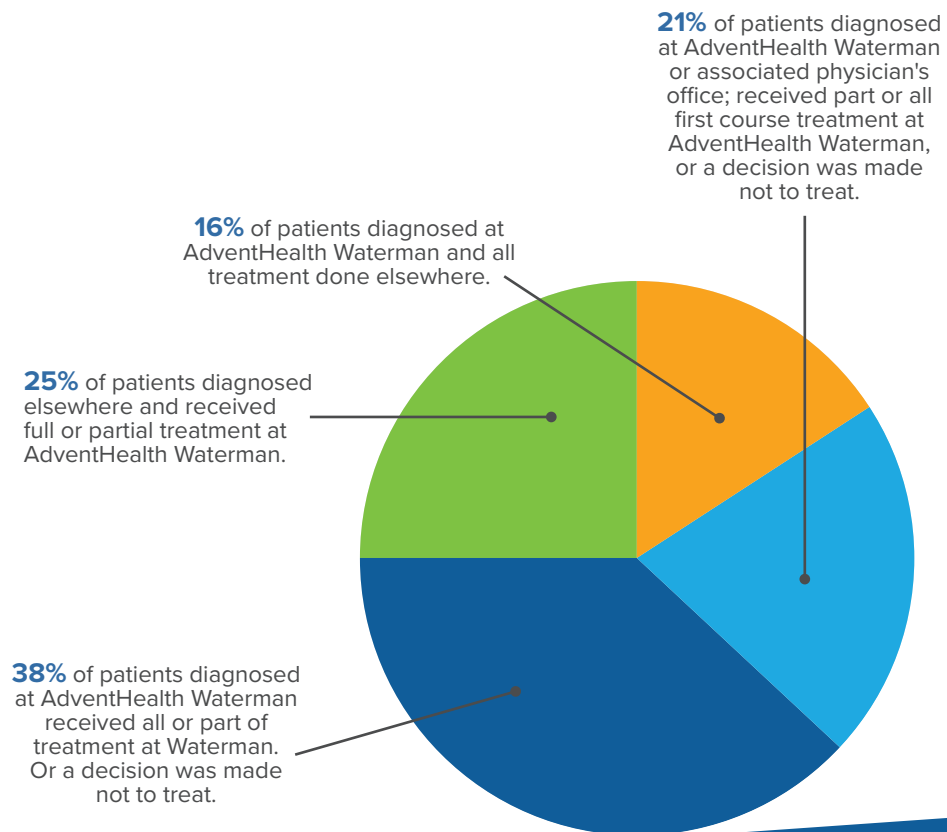


Source: AdventHealth Cancer Institute Waterman Cancer Registry

Diagnosis and Treatment Center

Seventy-nine percent of cancer patients diagnosed at AdventHealth Waterman in 2023 received part or all of their treatment at Waterman.

Class Distribution



2024 Quality Improvement Study

In 2024, AdventHealth Waterman Cancer Institute conducted a study focused on timeliness from diagnosis to surgery for breast cancer patients.

We looked at percent of breast cancer patients with stage I-III breast cancer receiving first therapeutic breast surgery in a non-neoadjuvant setting within 60 days of diagnosis.

Waterman's Cancer Registry reviewed medical records from 2022 for eligible breast cancer patients seen at Waterman and found that our compliance rate was 43 percent.

Baseline Data:

94 total eligible breast cases in 2022

40 (43%) compliant cases

36 (38%) non-concordant cases - using date of diagnostic mammogram as date of diagnosis

18 (19%) non-concordant cases - using date of biopsy as date of diagnosis

The Cancer Registry considers the diagnosis date as the BIRADS 4 or 5 diagnostic mammogram if followed by a positive biopsy. The majority of Waterman's non-concordant cases fall into this scenario.

Reasons for the delay for time from diagnosis to surgery include the following:

- Cardiac clearance required before surgery
- Additional findings found on MRI
- Specific surgery date requested by the patient
- Patient requested a second opinion
- Delays in obtaining insurance authorization

Waterman's goal was to implement a process in 2024 to streamline patient access to pre-surgical and surgical services to improve the timeliness of care. In October 2024, we implemented a Breast Clinic process whereby patients with a confirmed cancer diagnosis are evaluated and provided rapid pre-surgical work up and surgical consults.

From October to December 2024, three breast cancer patients and 17 non-cancer breast patients were referred to the Breast Clinic.

Since 2024 Cancer Registry data is not yet fully abstracted (complete), we conducted an audit based on a sample of cases abstracted to date in 2024:

29 eligible breast cases reviewed

15 (52%) compliant cases

11 (38%) non-concordant cases - using date of diagnostic mammogram as date of diagnosis

3 (10%) non-concordant cases - using date of biopsy as date of diagnosis

Outcome:

Improved overall from 43% compliance in 2022 to 52% compliance in 2024 (according to partial year data).

AdventHealth Waterman Cancer Institute is committed to continuous process improvement to provide quality care to our patients. This study resulted in improved patient care and we expect further improvement into 2025.

Patient Support

Social Services

While the challenges of a cancer diagnosis are overwhelming, the oncology social worker at AdventHealth Cancer Institute Waterman is specially trained to help patients obtain the physical and emotional support they need. A comprehensive network of social services includes psychosocial counseling, support groups, financial and transportation assistance, home care and hospice referrals, and connections to community resources.

Support Groups / Programs

- All Cancers Group
- Breast Cancer Group
- Gynecological Cancer Group
- Spanish-Speaking Support Group
- Virtual yoga for patients, caregivers and survivors

In 2024, the oncology social worker provided 306 interventions to assist patients with psychosocial emergencies and needs. The following chart shows additional support provided by the oncology social worker in 2024.

Patient Support Data	
Number of patients who had psychosocial distress screenings	327
Number of patients who received transportation assistance	43
Number of patients who received financial assistance	26
Number of support groups held	36
Number of support group participants	46



Gracie Da Silva, MSW,
Oncology Social Worker

Community Outreach

AdventHealth Cancer Institute Waterman's annual community outreach activities exemplify our Whole Person Care philosophy and demonstrate our commitment to fostering a healthy community. Some of the activities we provided in 2024 included:

- Community Health Screening and Prevention Events
- Individual Screening Assessments
- Community Lectures and Presentations
- Social Media Events



Below is a summary of some of the community outreach events from 2024.

Program	Date	Location	Outcomes
2nd Annual Celebration of Wellness	Saturday, January 20, 2024	Mount Dora 7th Day Adventist Church	42 participants 2 females, 1 male overdue for colorectal cancer screening 2 female smokers eligible for LDCT screening 3 females overdue for mammograms
Moving Beyond Cancer	Sunday, February 25, 2024	American Legion, Lady Lake	23 participants screened for cancer - 13 females, 10 males
Colorectal Cancer Awareness	Wednesday, March 13, 2024	AdventHealth Waterman	65 participants 2 overdue for screening
Wildwood Community Health Expo	Thursday, March 14, 2024	Wildwood Community Employees Association	51 participants - 23 females, 28 males 6 overdue for lung cancer screening; 3 referred for smoking cessation education 3 overdue for mammograms
Men's Health Event	Thursday, May 30, 2024	LifePointe Church, Eustis	20 participants 1 overdue for colorectal screening
Skin Cancer Screening/Prevention	Sunday, June 9, 2024	The Dermatology Group, Mount Dora	51 participants screened 25 (49%) identified with possible skin cancer
United Way of Lake and Sumter Counties Health & Wellness Summit	Saturday, June 22, 2024	The Father's House Church, Leesburg	15 participants received cancer prevention education
Great American Smokeout	Thursday, November 21, 2024	AdventHealth Waterman	67 participants - 10 males, 57 females 4 tobacco users identified and referred for smoking cessation education



*Patricia Geraghty, MD
Radiologist*

*AdventHealth Waterman is designated as an
American College of Radiology Breast Imaging Center of Excellence.*

American Cancer Society

AdventHealth Cancer Institute Waterman's partnership with the American Cancer Society provides additional support to cancer patients in Lake County. Some of these include:

- Cancer educational brochures
- Transportation and lodging assistance
- Caregiver resource guides
- Survivorship information
- Cancer Survivors Network
- Patient Navigation
- Smoking cessation resources
- 24/7 Cancer Helpline
- Breast cancer support programs



Florida Breast and Cervical Cancer Early Detection Program

AdventHealth Cancer Institute Waterman partners with the Florida Department of Health's Florida Breast and Cervical Cancer Early Detection program to provide eligible uninsured women in Lake County ages 50 to 64 with free mammograms and diagnostic imaging. In 2024, our breast navigator screened 52 uninsured women for eligibility and provided application assistance for mammogram screening, resulting in 48 (92 percent) women receiving free mammograms through this program. Breast cancer was detected in one woman who was placed on Medicaid. Lymphoma was detected in one woman who was assisted to receive marketplace insurance. The remaining four women not eligible for this program were provided alternate financial assistance resources.

Philanthropy

Through the generosity of our donor partners, the AdventHealth Waterman Foundation raises thousands annually to help fund valuable services to improve the health of our community.

In 2024, the Foundation raised \$57,315 to support Cancer Services (including nearly \$14,000 raised by other local groups and organizations) with an additional \$29,204 raised through events and promotion.

During 2024, the annual Pink on Parade 5k provided the Foundation the opportunity to further engage the community to support cancer services at a greater level. Proceeds from this event are used to promote breast cancer awareness and provide financial and educational support for early detection and screening.

In 2024, the Foundation received external grants totaling \$5,500 from the Florida Society of Clinical Oncology (FLASCO) Foundation and the Prevent Cancer Foundation, for assistance with cancer patients' unmet living expenses and educational support. During 2024, 19 patients were assisted with their housing, utilities and transportation totaling \$37,032.

The Foundation was instrumental in establishing the Strands of Hope Wig Boutique through a partnership with EBeauty Community for Cancer Support, Inc. This initiative, started in October 2024, provides wigs to women facing medically related hair loss. The Foundation is providing the funding to ensure all wigs are free to those who need them. The Strands of Hope Wig Boutique is operated by AdventHealth Waterman volunteers.

2024 Contributions and Distributions

Contributions

- Raised by Foundation for cancer services, screening mammograms and cancer benevolent fund.....\$72,523
- Raised by partner organizations
 - o Designated for screening mammograms \$9,811
 - o Designated for cancer benevolent fund\$2,000
 - o Designated for cancer care \$2,185

Distributions

- Cancer Benevolent Fund and Crisis Fund \$37,032
- Cancer Care.....\$18,082

Financial contributions directly impact the lives of those battling cancer in Lake County and assist our expert clinical team by providing necessary cutting-edge technology and personalized care to enhance our clinical outcomes, reduce the cost of health care and lead to more cancer cures. We encourage others to consider making a contribution and leaving a legacy of hope and healing through the AdventHealth Waterman Foundation.



For more information about ways to donate, contact the AdventHealth Waterman Foundation at 352-253-3270, scan the QR code or email wat.foundation@adventhealth.com.

2024 Cancer Committee Members



Borys Mascarenhas, MD
Comprehensive Cancer
Committee Chair

Medical Director of
Cancer Clinical Quality

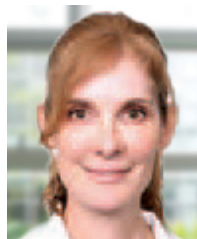
Breast Program Medical
Director

Surgical Oncology



Ahmed Al-Hazzouri, MD
Clinical Research
Coordinator

Medical Oncology



Patricia Geraghty, MD
Radiology



Jeff Greenwald, MD
Dermatology



Shivam Kharod, MD
Quality Improvement
Coordinator

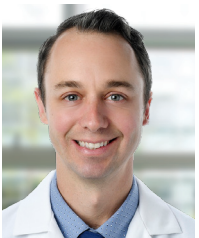
Radiation Oncology



Mohsin Malik, MD
Cancer Liaison Physician
Medical Oncology



Peter Marzek, MD
Reconstructive Surgery



Ryan Schroeder, DO
Pulmonology



Jason Smith, DO
Cancer Conference
Coordinator

Surgery



Deborah Zeagler, MD
Pathology

Non-Physician Members

Cara Anderson, Performance Improvement

Eileen Bascombe, Cancer Navigation

Ryan Belen, Radiation Oncology

Gracie Da Silva, Oncology Social Work

Kathy Diaz, Florida Health Department

Renee Furnas, Community Outreach

Jeri Hendershot, Oncology Nursing

Lindsey Mason, Certified Tumor Registrar

Leslie Maxwell, Cancer Institute Director

Janet Moore, Cancer Navigation

Sarah Muchow, Rehabilitation

Monica Owens, Nutritional Services

Kelly Van Gennip, Palliative Care

Jennifer Sanky, Cancer Registry Quality Coordinator

Tammy Semelsberger, American Cancer Society

Susie Trott, Cancer Data Specialist

Charissa Wynn, Cancer Navigation

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