

2023 AdventHealth Cancer Institute

Waterman Outcomes Report





AdventHealth Waterman is proud to present our 2023 Annual Outcomes Report, including 2023 activities and 2022 cancer registry data.

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Message from the Comprehensive Committee Chair

Dear Patients, Community Members and Colleagues:

In 2023, AdventHealth Cancer Institute Waterman continued to provide high-quality care to the residents of Lake County. Some accomplishments include:

- In 2023, the hospital continued to invest in the cancer program with capital funds of over \$600,000 committed to purchase the Ion robotic navigational bronchoscopy system for improved diagnosis and better clinical outcomes for lung cancer treatment. This technology can reach small nodules in the lungs, giving more precise biopsies.
- Waterman's oncology certified Registered Dietician, Diane Tan, RD, provided nutritional consultations to cancer patients to address malnutrition issues.
- A new support group was created for Spanish-speaking cancer patients. Topics include: nutrition, intimacy, emotions, self-talk, and more. These support groups are led by oncology social worker Gracie Da Silva, MSW.



- Waterman's Radiation Program became a Preferred Provider in the Aegis/Primary Care Alliance accountable care network.
- Waterman's Radiation clinical team, led by Radiation Oncologist Dr. Shivam Kharod, was awarded the Press Ganey Guardian of Excellence Award. This award recognizes 95th percentile or higher performance in patient experience excellence. The cancer team not only provides expert care but compassionate care to all patients.



Human Experience Award winner

- Waterman was awarded financial grants from the McLin Foundation and the Prevent Cancer Foundation. These grant dollars are used to develop educational videos for patients featuring Waterman cancer experts, to purchase breast models for patient education, and to address barriers to care such as transportation cost assistance for patients in need. Assistance was also provided to underserved patients through funding from the AdventHealth Waterman Foundation.

These and many other achievements demonstrate the dedication of our cancer team in achieving our vision to provide comprehensive, quality care.

In partnership with our physicians, the community and donors, we will continue to focus on our commitment to providing the highest quality, state-of-the-art cancer care close to home for members of our community.

Regards,

A handwritten signature in black ink, appearing to read "Borys Mascarenhas".

Borys Mascarenhas, MD
Chair, 2023 Comprehensive Cancer Committee
Medical Director of Cancer Clinical Quality
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.

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.

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.

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.



AMERICAN COLLEGE OF SURGEONS
*Inspiring Quality:
Highest Standards, Better Outcomes*

100+years



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



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 2023, our navigators assisted

621 cancer patients and distributed survivorship care plans to forty-one breast 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 2023, 20 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.

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.

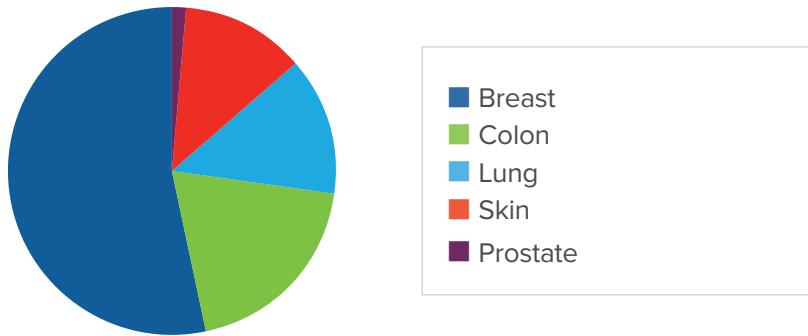
Tumor Board

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 2023, 365 cancer cases were presented at Tumor Board. Breast cancer, the most diagnosed cancer, was the most frequently reviewed type of cancer at Tumor Boards.

2023 Tumor Board Top Sites



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 2022, 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	1263	813	450	623	640	77	284	176	136	254
Oral Cavity	23	11	12	20	3	1	2	2	2	9
Lip	0	0	0	0	0	0	0	0	0	0
Tongue	6	1	5	4	2	0	0	1	0	4
Oropharynx	7	4	3	7	0	1	2	0	0	1
Hypopharynx	2	0	2	2	0	0	0	0	0	0
Other	8	6	2	7	1	0	0	1	2	4
Digestive System	223	143	80	129	94	3	23	34	45	74
Esophagus	16	6	10	14	2	1	0	0	3	5
Stomach	16	9	7	14	2	0	1	2	5	5
Colon	85	73	12	42	43	0	8	20	17	27
Rectum	22	13	9	16	6	0	4	3	8	3
Anus/Anal Canal	4	4	0	0	4	0	0	4	0	0
Liver	24	11	13	13	11	0	2	0	5	8
Pancreas	43	18	25	27	16	1	7	3	6	22
Other	13	9	4	3	10	1	1	2	1	4

Number of cases excluded: 1

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	170	106	64	79	91	2	33	8	22	77
Nasal/Sinus	1	0	1	0	1	0	0	0	1	0
Larynx	7	3	4	6	1	2	0	0	0	3
Other	0	0	0	0	0	0	0	0	0	0
Lung/Bronc-Small Cell	25	19	6	9	16	0	2	1	4	14
Lung/Bronc-Non Small Cell	117	76	41	56	61	0	27	7	16	55
Other Bronchus & Lung	20	8	12	8	12	0	4	0	1	5
Blood & Bone Marrow	115	21	94	61	54	0	5	6	11	11
Leukemia	64	11	53	33	31	0	3	0	2	11
Multiple Myeloma	31	8	23	19	12	0	2	6	9	0
Other	20	2	18	9	11	0	0	0	0	0
Bone	1	0	1	0	1	0	0	0	0	0
Connect/Soft Tissue	6	4	2	2	4	0	0	0	1	1
Skin	33	21	12	15	18	3	10	8	4	4
Melanoma	31	20	11	14	17	3	9	8	4	3
Other	2	1	1	1	1	0	1	0	0	1
Breast	206	179	27	5	201	24	124	22	7	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	70	42	28	0	70	0	22	4	11	17
Cervix Uteri	10	7	3	0	10	0	4	2	1	1
Corpus Uteri	32	23	9	0	32	0	15	1	7	6
Ovary	21	9	12	0	21	0	2	0	2	10
Vulva	2	0	2	0	2	0	1	0	0	0
Other	5	3	2	0	5	0	0	1	1	0
Male Genital	178	119	59	178	0	0	39	67	22	18
Prostate	174	115	59	174	0	0	37	67	33	18
Testis	3	3	0	3	0	0	2	0	0	0
Other	1	1	0	1	0	0	0	0	0	0
Urinary System	105	88	17	74	31	44	17	14	5	12
Bladder	73	61	12	55	18	41	9	7	2	4
Kidney/Renal	27	23	4	16	11	1	8	6	2	8
Other	5	4	1	3	2	2	0	1	1	0

Number of cases excluded: 1

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.

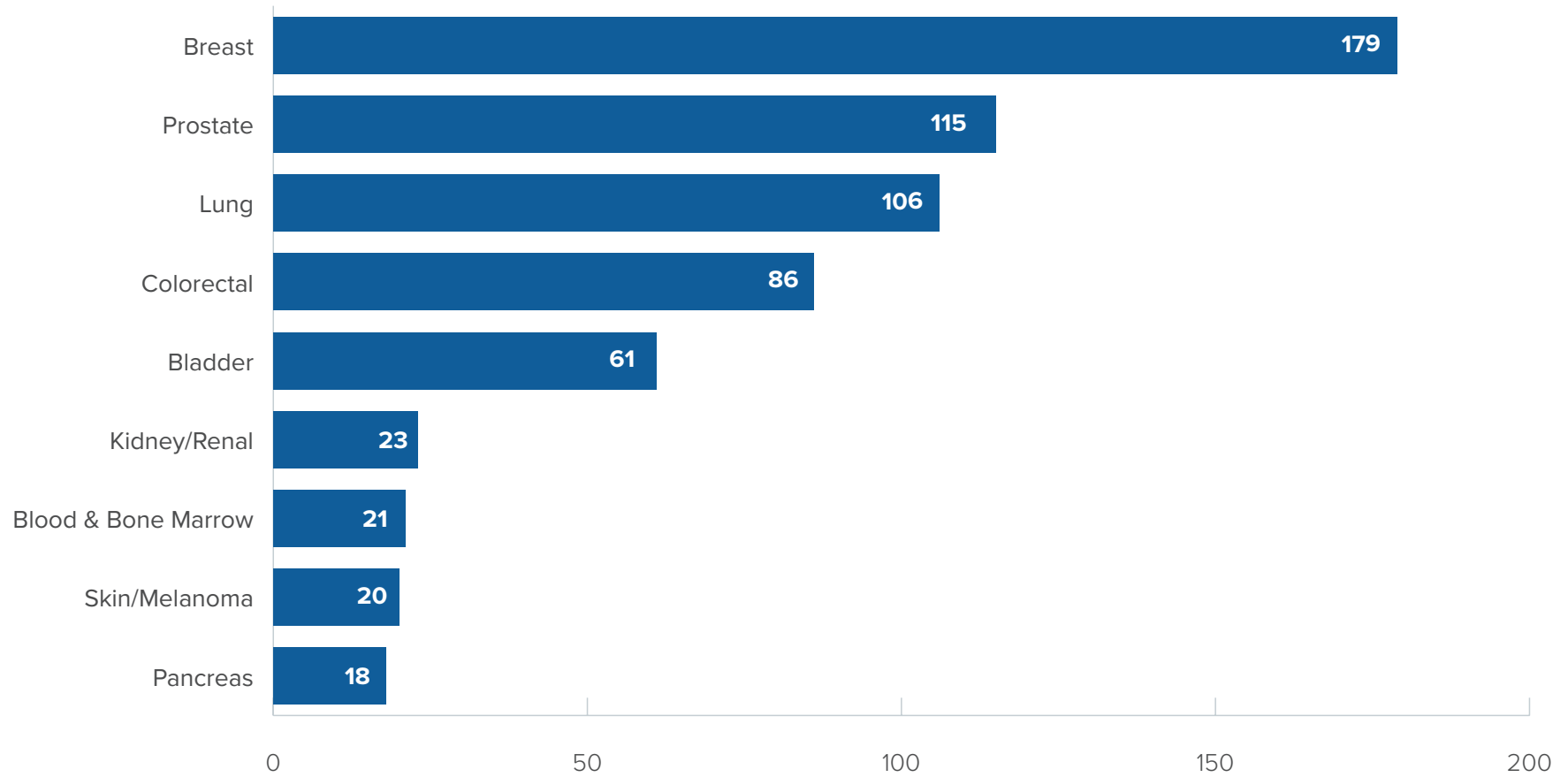
Source: AdventHealth Cancer Institute Waterman Cancer Registry

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
Brain & Central Nervous System	55	37	18	21	34	0	0	0	0	0
Brain (Benign)	4	3	1	3	1	0	0	0	0	0
Brain (Malignant)	16	10	6	9	7	0	0	0	0	0
Other	35	24	11	9	26	0	0	0	0	0
Endocrine	17	10	7	8	9	0	3	0	0	3
Thyroid	6	6	0	3	3	0	2	0	0	3
Other	11	4	7	5	6	0	1	0	0	0
Lymphatic System	48	24	24	24	24	0	6	10	6	18
Hodgkin's Disease	4	4	0	0	4	0	0	1	0	3
Non-Hodgkin's	44	20	24	24	20	0	6	9	6	15
Unknown Primary	12	8	4	7	5	0	0	0	0	0
Other/III-Defined	1	0	1	0	1	0	0	1	0	0

Ten Most Commonly Diagnosed Cancers

In 2022, of the ten most diagnosed cancers at AdventHealth Waterman, breast, lung and prostate cancers accounted for more than half of all cases.

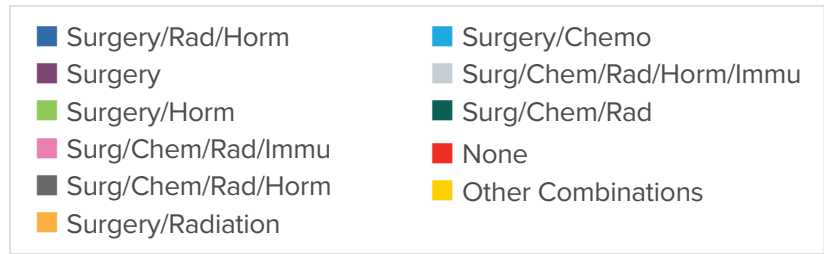
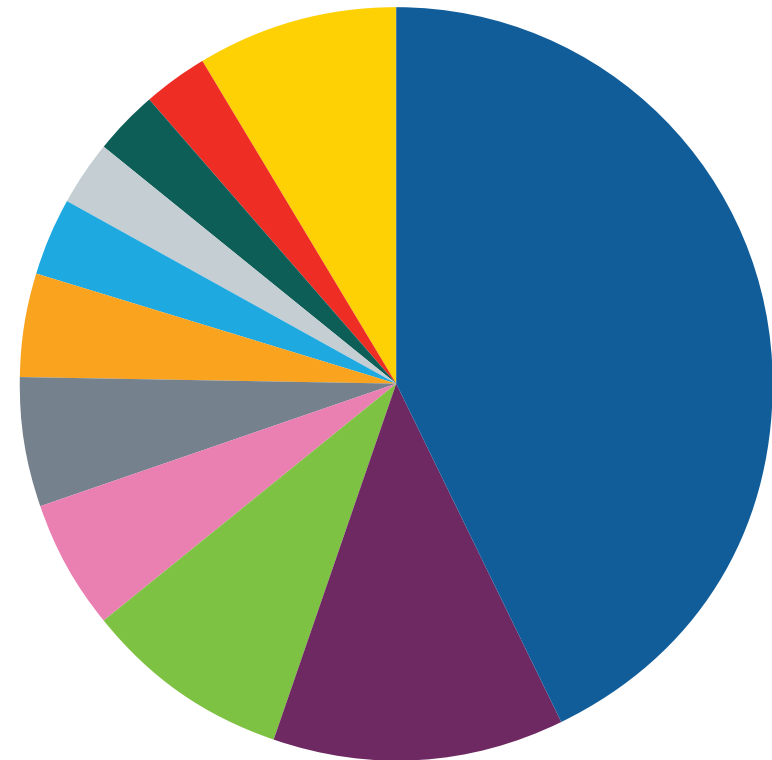


Source: AdventHealth Cancer Institute Waterman Cancer Registry

Breast: Treatment Combinations

The most common forms of treatment for breast cancer patients at AdventHealth Waterman in 2022 were surgery, chemotherapy, hormone therapy and radiation therapy.

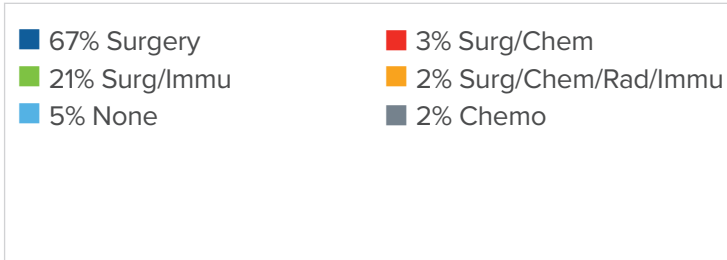
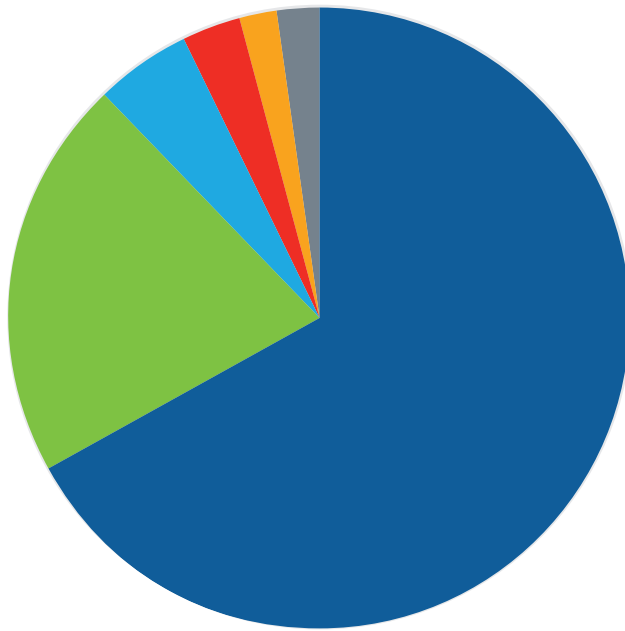
Treatment Type	Number of Cases	Percent
Total Cases	179	100.00%
Surgery/Radiation/Horm	77	43.02%
Surgery	22	12.29%
Surgery/Horm	16	8.94%
Surgery/Chemo/Rad/Immu	10	5.59%
Surgery/Chemo/Rad/Horm	10	5.59%
Surgery/Radiation	8	4.47%
Surgery/Chemo	6	3.35%
Surgery/Chemo/Rad/Horm/Immuno	5	2.79%
Surg/Chemo/Rad	5	2.79%
None	5	2.79%
Other Combinations	15	8.38%



Source: AdventHealth Cancer Institute Waterman Cancer Registry

Bladder: Treatment Combinations

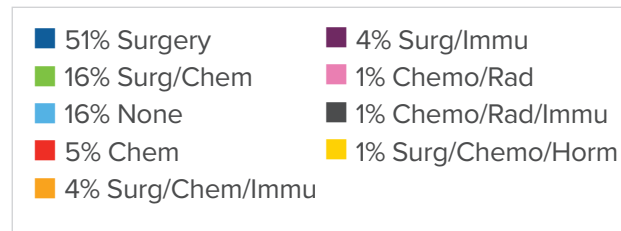
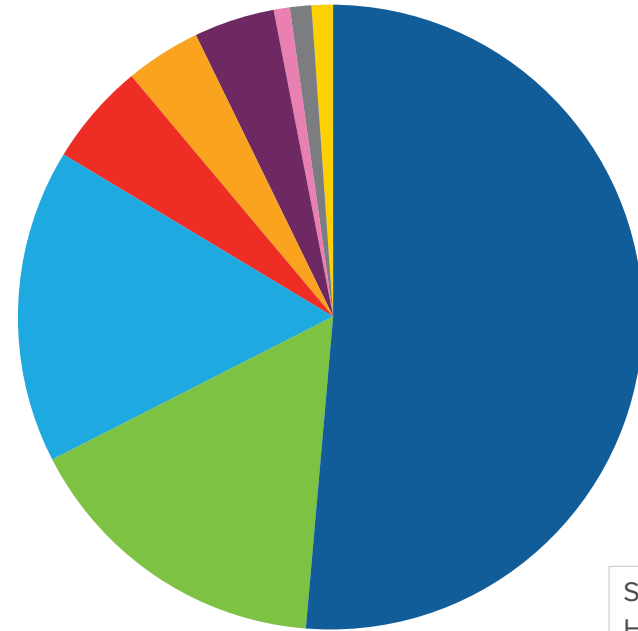
In 2022, 67 percent of patients with bladder cancer were treated with surgery at AdventHealth Waterman. Surgery combined with immunotherapy was the second most common form of treatment.



Source: AdventHealth Cancer Institute Waterman Cancer Registry

Colon: Treatment Combinations

In 2022, 51 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.

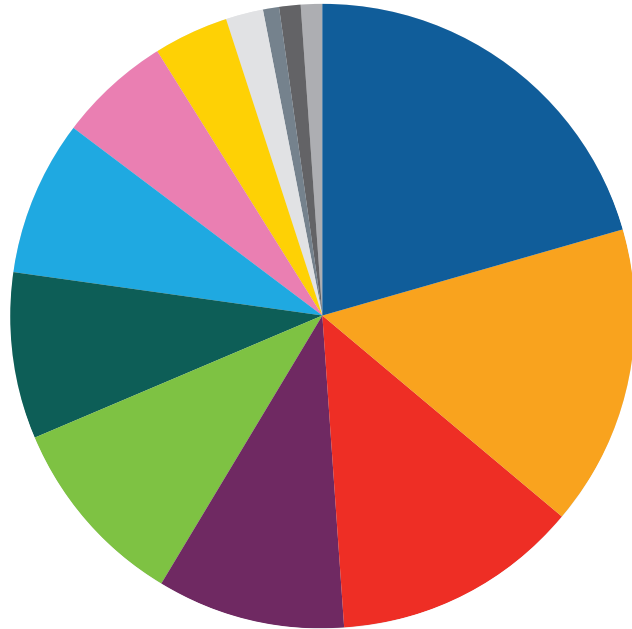


Surg: Surgery
 Horm: Hormone Therapy
 Rad: Radiation
 Chem: Chemotherapy
 Immu: Immunotherapy

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 2022.

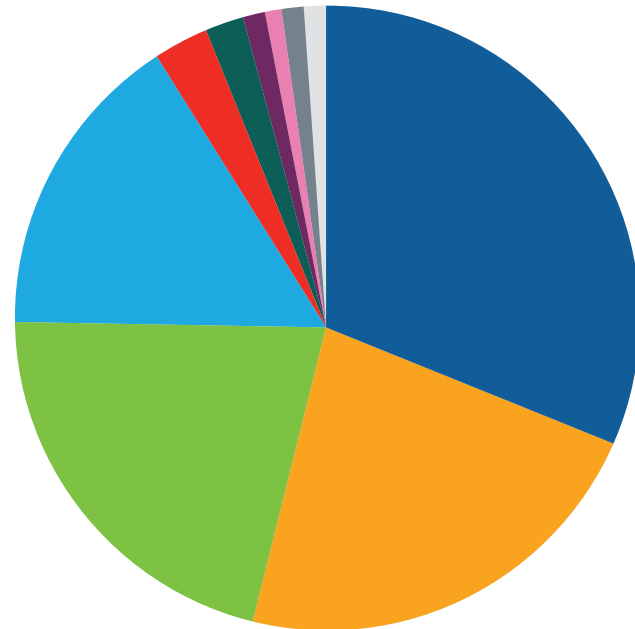


- 21% None/Watchful Waiting
- 16% Radiation
- 13% Chem/Immu
- 10% Surgery
- 10% Chemotherapy
- 9% Chem/Rad/Immu
- 8% Chem/Rad
- 4% Immunotherapy
- 4% Surg/Chem
- 2% Rad/Immu
- 1% Surg/Chem/Immu
- 1% Surg/Chem/Rad
- 1% Surg/Immu

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 2022.



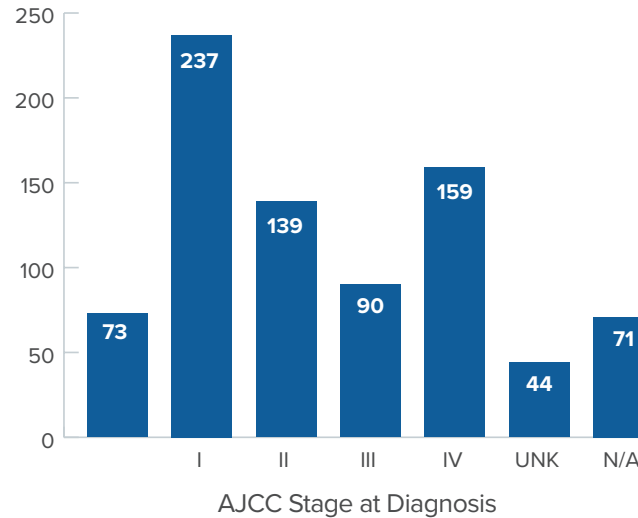
- 32% Radiation
- 23% None
- 22% Surgery
- 16% Rad/Horm
- 3% Hormone Therapy
- 2% Surg/Horm
- 1% Surg/Rad
- 1% Surg/Rad/Horm
- 1% Horm/Immu
- 1% Chem/Horm

Source: AdventHealth Cancer Institute Waterman Cancer Registry

Stage at Diagnosis

In 2022, 55 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.

Source: AdventHealth Cancer Institute Waterman Cancer Registry



Stage	Cases	Percent
Total	813	
0	73	9%
I	237	29%
II	139	17%
III	90	11%
IV	159	20%
UNK	44	5%
N/A	71	9%

Summary Stage at Diagnosis

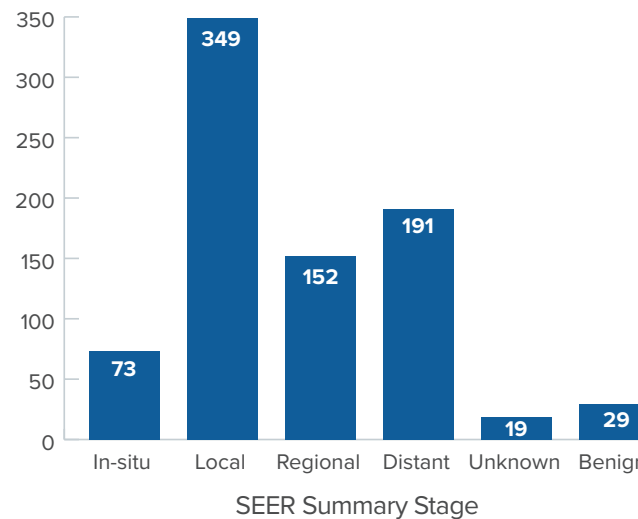
Of cancers diagnosed at AdventHealth Cancer Institute Waterman in 2022, 43 percent were discovered while the cancer was still localized to the area in which it originated. Of cancers diagnosed in 2022, 23 percent of patients were diagnosed after the cancer had spread to distant parts of the body.

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



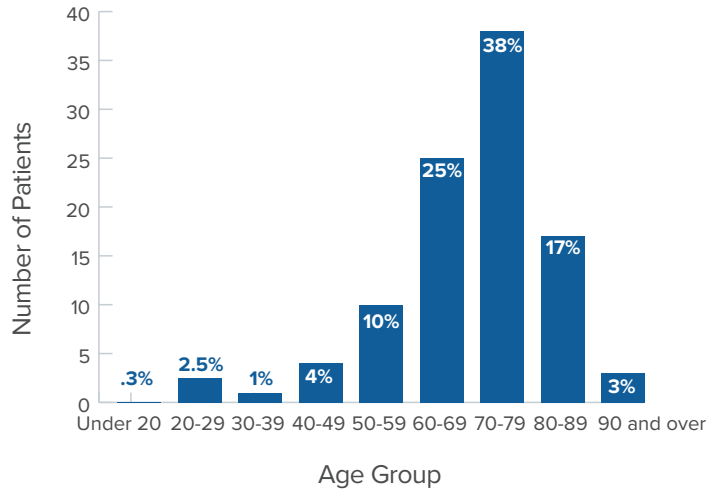
Stage	Cases	Percent
Total	813	
In-situ	73	9%
Local	349	43%
Regional	152	19%
Distant	191	23%
Unknown	19	2%
Benign	29	4%

Source: AdventHealth Cancer Institute Waterman Cancer Registry

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.

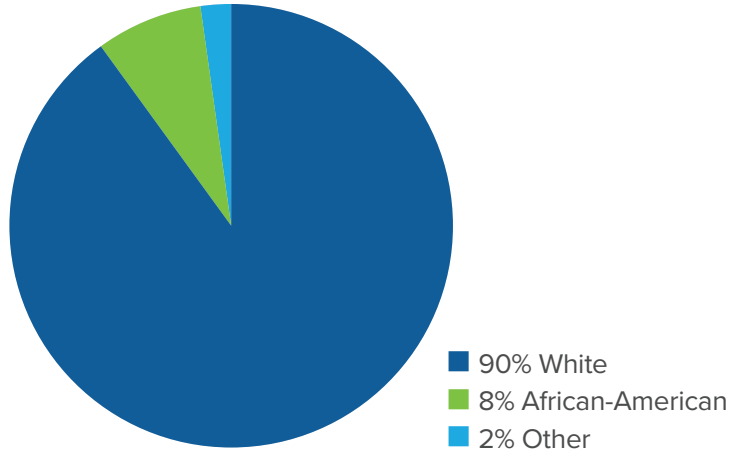


Source: AdventHealth Cancer Institute Waterman Cancer Registry

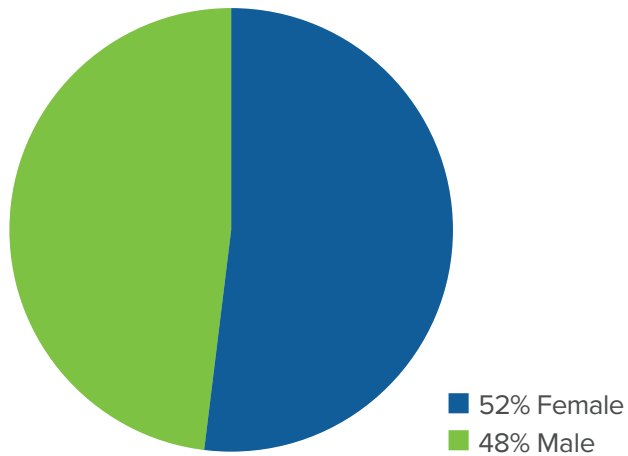


*Shivam Kharod, MD
Radiation Oncologist
AdventHealth Waterman's Radiation Oncology Program
is accredited by the American College of Radiology.*

Diagnosis by Race



Diagnosis by Gender

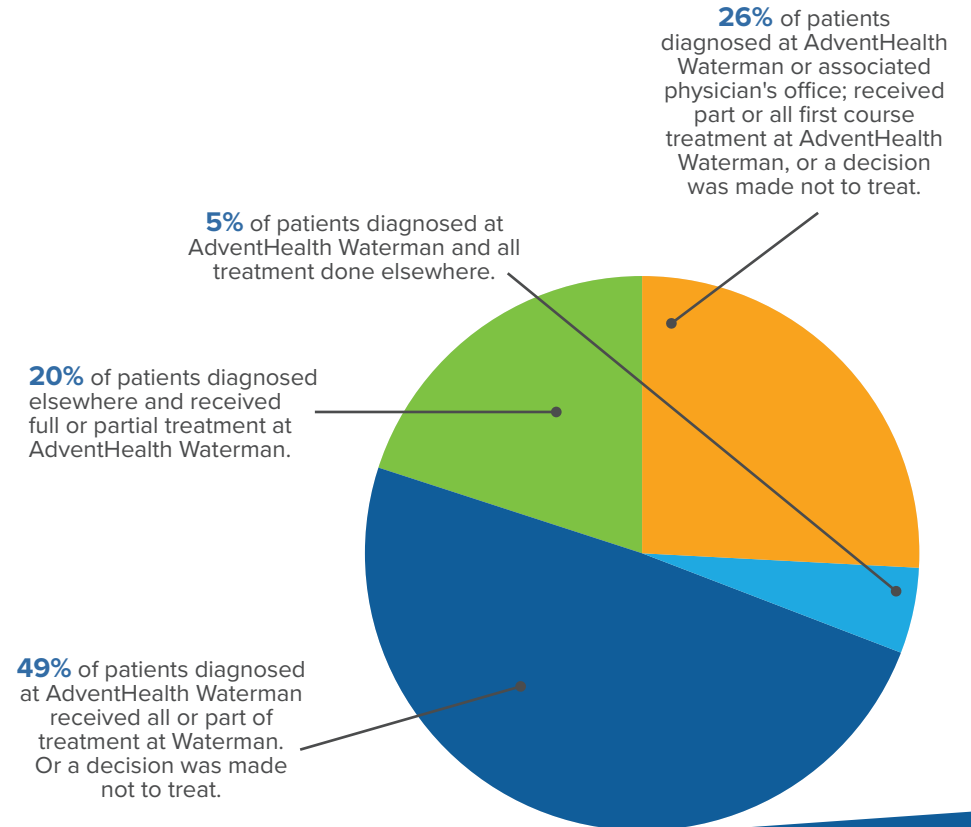


Source: AdventHealth Cancer Institute Waterman Cancer Registry

Diagnosis and Treatment Center

Seventy-five percent of cancer patients diagnosed at AdventHealth Waterman in 2022 received part or all of their treatment at Waterman. Five percent of patients diagnosed at AdventHealth Waterman received all of their treatment elsewhere.

Class Distribution



2023 Quality Improvement Study

In 2023, AdventHealth Waterman Cancer Institute participated in a quality study through the American College of Surgeons' Commission on Cancer. This study focused on patients who missed their appointments for their radiation treatments.

When patients miss their treatments, this can negatively impact the success rate of cancer treatment.

This study looked at the reasons why patients miss radiation treatments, and initiatives to reduce the "no show" rate.

The goals for this study were to:

- Identify barriers to patients receiving timely and complete radiation therapy regimens.
- Implement solutions to address barriers
- Reduce "no show" rates by 20% from the current rates

This study focused on patients who missed three or more radiation treatment visits.

Waterman's radiation no show rate in March/April 2023 was 25%. The major reasons for these missed appointments include:

- Patient sick (not due to treatment)
- Patient toxicity (attributed by treatment)
- Patient hospitalized
- Conflict in appointment with another provider
- Patient does not wish to continue treatment
- Patient placed on treatment break by Radiation Oncologist

Waterman implemented the following initiatives to reduce patient "no show" rates:

- Discuss patient cases at weekly Chart Rounds to proactively identify potential issues with patient compliance with treatment schedules

- Connect patients with oncology social worker to assist with arranging transportation where that was an issue
- Radiation therapists inform the social worker immediately after a patient misses a treatment and the social worker contacts the patient to offer assistance
- The social worker meets with new patients at time of initial consultation and educates them of her services
- All new patients receive a flyer that outlines why it's important not to miss their radiation treatments

Out of 268 radiation patients in 2023, 51 (19%) were assisted with transportation by the oncology social worker.

Waterman was successful in reducing its no show rate in 2023 from 25% to 0.01%.

AdventHealth Waterman is committed to continuous process improvement to provide quality care to our patients. The above efforts resulted in improved access to services and better patient care.



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 2023, the oncology social worker provided 390 interventions to assist patients with psychosocial emergencies and needs. The following chart shows additional support provided by the oncology social worker in 2023.

Patient Support Data	
Number of patients who had psychosocial distress screenings	439
Number of patients who received transportation assistance	57
Number of patients who received financial assistance	68
Number of support groups held	21
Number of support group participants	59



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 2023 included:

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

Below is a summary of some of the community outreach events from 2023.

Program	Date	Location	Outcomes
<ul style="list-style-type: none"> • Changing Seasons Symposium 	March 7	Eustis Community Center	• 62 participants. 26 screened by navigator for cancer risk. Educational lecture by Radiation Oncologist Dr. Shivam Kharod
<ul style="list-style-type: none"> • Royal Harbor Health Fair 	March 8	Royal Harbor 55+ Community	• 100 participants. 57 screened by Navigator. Colorectal cancer educational lecture by Surgeon Dr. Christopher Keeler
<ul style="list-style-type: none"> • Pink on Parade 5k 	September 17	Lake Yale Baptist Conference Center	• 289 participants. 36 screened for cancer risk
<ul style="list-style-type: none"> • Community Health Fair 	September 24	Venetian Center, Leesburg	• 48 participants screened for cancer risk
<ul style="list-style-type: none"> • Walk for a Cure 	September 30	The Villages Polo Club	• 92 participants screened for cancer risk
<ul style="list-style-type: none"> • Libby's Legacy Pink Ribbon 5k 	October 15	Lake David Park, Groveland	• 186 participants
<ul style="list-style-type: none"> • City of Eustis Health Fair 	October 18	Eustis Community Center	• 160 participants screened for cancer risk
<ul style="list-style-type: none"> • Lake County Senior Expo 	October 26	Lake Square Mall, Leesburg	• 15 participants screened for cancer risk
<ul style="list-style-type: none"> • Community Clinic Health Fair 	October 27	AdventHealth Community Clinic, Eustis	• 31 participants screened for cancer risk
<ul style="list-style-type: none"> • Great American Smokeout 	November 17	AdventHealth Waterman	• 21 participants screened for lung cancer risk; 2 referred for low dose CT screening



*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. In 2023, AdventHealth Cancer Institute Waterman was a corporate sponsor (\$3,000) for the American Cancer Society's Walk for the Cure event in October in The Villages. Through sponsorships such as this, the American Cancer Society provides cancer resources to Lake County residents.

Some of these include:

- Cancer educational brochures
- Transportation and lodging assistance
- Health insurance assistance services
- Caregiver resource guides
- Survivorship information
- Cancer Survivors Network
- Patient Navigation



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 2023, our breast navigator screened 71 uninsured women for eligibility and provided application assistance for mammogram screening, resulting in 66 women receiving free mammograms through this program. Breast cancer was detected in five of these women who received assistance with obtaining Medicaid and timely cancer treatment. 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 2023, the Foundation raised \$153,063 to support cancer services (including more than \$17,917 raised by other local groups and organizations), with an additional \$110,444 raised through events and promotion.

During 2023, the annual Gala, Pink on Parade 5k and the Partners in Caring Golf Classic, provided the Foundation the opportunity to engage the community further to support cancer services at a greater level.

Proceeds from these events are used to promote breast cancer awareness and provide financial and educational support for early detection and screening. Proceeds will also help fund upcoming equipment replacements to bring renewed hope to cancer treatment patients.

In 2023, Waterman CEO Abel Biri's personal pilgrimage on the Camino de Santiago inspired \$32,000 in contributions for cancer services funding.

In 2023, the Foundation received external grants totaling \$37,500 from the Florida Society of Clinical Oncology (FLASCO) Foundation, the Prevent Cancer Foundation, the Charles and Mary McLin Foundation, and the W.T. Bland Jr. Charitable Trust for assistance with cancer patients' unmet living expenses, and patient educational support.

During 2023, eighteen patients were assisted with their housing, utilities and transportation needs, totaling \$25,349.

2023 Contributions and Distributions

Contributions

- Raised by Foundation for cancer services, screening mammograms and cancer benevolent fund..... \$244,590
- Raised by partner organizations
 - o Designated for screening mammograms\$11,611
 - o Designated for cancer benevolent fund \$4,771
 - o Designated for cancer care \$1,535

Distributions

- Cancer Benevolent Fund\$25,349

Financial contributions directly impact the lives of those battling cancer in Lake County and assist our expert clinical team by providing necessary innovative technology and personalized care to enhance our clinical outcomes, reduce the cost of health care and help cure more cancers. We encourage others to consider contributing 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.

2023 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
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Christopher Keeler, DO
 Surgery



Justin Kelly, MD
 Colorectal Surgery



Shivam Kharod, MD
 Quality Improvement
 Coordinator
 Radiation Oncology



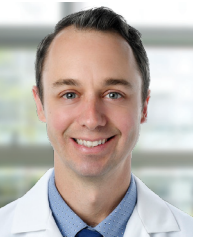
Mohsin Malik, MD
 Cancer Liaison Physician
 Medical Oncology



Peter Marzek, MD
 Reconstructive Surgery



Flor Putigna, DO
 Chief Medical Officer



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

Amanda Caceres, Genetic Counseling

Gracie Da Silva, Oncology Social Work

Kathy Diaz, Florida Health Department

Renee Furnas, Community Outreach

Jeri Hendershot, Oncology Nursing

Sarah Muchow, Rehabilitation

Leslie Maxwell, Cancer Institute Director

Janet Moore, Cancer Navigation

Monica Owens, Nutritional Services

Kelly Van Gennip, Palliative Care

Tammy Semelsberger, American Cancer Society

Marjorie Sneed-Owens, Cancer Registry

Alison Sutton, Cancer Registry

Susie Trott, Cancer Data Specialist

Sabine Vatel, Pastoral Care

Charissa Wynn, Cancer Navigation

For More Information

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