



Cheyenne Regional
Cancer Services



Cancer Program

ANNUAL REPORT 2013-2014

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“Everyone at the cancer center works together as a team.”

“I had Stage 2 breast cancer that was discovered on January 6, 2014. Over the next several months, I had a bilateral mastectomy, chemotherapy and radiation therapy. I was so glad to be able to come to one place for my treatment. The cancer center is beautiful. But more important than the beautiful building are the beautiful people in it. Everyone at the center works together as a team, and they provide wonderful service. It’s amazing how they would know what kind of support and interaction I needed from day to day. It is a blessing to have this kind of care available in Cheyenne and for the outlying rural communities.”

– Wanda Moore, 60
Albin, Wyoming

Message from the Chair

Jeffrey C. Carlton, MD



The members of the Cheyenne Regional Medical Center (CRMC) Cancer Committee, the CRMC Cancer Registry staff and I are delighted to present the 2013-2014 Cancer Program Annual Report. As an extended organization, we continue our efforts to provide the highest quality collaborative care for our cancer patients as we strive for enhanced services, quality improvement and developing a vision for the future.

The committee's structure, goals and initiatives are guided by the accreditation standards provided by the American College of Surgeons Commission on Cancer (ACoS CoC), the primary organization responsible for accrediting cancer programs around the country. The cancer program underwent onsite review for reaccreditation by the ACoS CoC in November of 2013. This was a rigorous process that included reviews of the Cancer Registry and minutes of Cancer Committee meetings and observation of our November Cancer Conference. We were pleased to successfully complete that process, receiving a three-year accreditation with commendation. We continue to be the only accredited cancer program in Wyoming, and we are confident that pursuing and maintaining this accreditation has had a very positive impact on our direct patient care and programmatic focus. Our Certified Tumor Registrars (CTR) Barb Weiss, Shawn Bonner and Elizabeth Marshall have done an outstanding job of maintaining the requirements for our accreditation, including rigorously accruing the Cancer Registry data.

This past year the new Cheyenne Regional Cancer Center opened—the culmination of several years of planning and construction. This beautiful, spacious facility houses Radiation Oncology, Medical Oncology, the Ambulatory Infusion Center, the Cancer Registry and administrative offices. Our Cancer Resource Center has space that has allowed expansion of our services to include dietary consults, speech pathology consults, social work support, massage, yoga classes, American Cancer Society support, wig and prosthesis fittings and a meditation room for spiritual support. This comprehensive cancer center affords our patients the highest level of convenience and access to care in an inviting, relaxing environment. It is truly an outstanding facility and is a credit to those who devoted careful thought to its planning and design.

The Cancer Committee oversees the function of our monthly multidisciplinary Cancer Conference. During the conference, selected patients representing at least 10 percent of the newly diagnosed cancer cases are presented for collaborative discussion among specialist physicians to guide treatment decisions. The patients' pathology slides and radiology studies and the appropriate national treatment guidelines are displayed to increase the value of the review and discussion. These conferences continue to be well attended with enlightening discussions and collaboration that leads to treatment decisions that shape our patients' care.

This past year we have strengthened our clinical trial offerings by joining the Colorado Cancer Research Program (CCRP), a highly regarded National Cancer Institute (NCI)-supported clinical trials network in our region. This association will allow our patients to participate in more than 100 well-designed NCI-sponsored cancer research trials. Jennifer Van Horn, RN, MSN, AOCNS, is our Clinical Trials Program Coordinator and continues to strengthen our research involvement.

I am now in my twenty-first year of practice at CRMC and my twentieth year as chair of the CRMC Cancer Committee. I am very pleased to see the strides we have made during that time, and especially over the past five years, to provide our patients with the best comprehensive cancer care possible.

A handwritten signature in black ink that reads "Jeffrey C. Carlton". The signature is written in a cursive, flowing style.

Jeffrey C. Carlton, MD
Chair, Radiation Oncology

Cancer Committee 2013-2014

Alana Workman, MD	Medical Oncology, Alternate Cancer Center Liaison Physician and Alternate Cancer Registry Quality Improvement Coordinator
Amber Carroll, PT, DPT, CLT	LANA Physical Therapy, Rehabilitation Services
Amy Gruber, MD	Hospice, Palliative Care
Anita Yardley Janssen, RN	Accreditation Specialist, Quality Improvement Department
Ashley Breton, MS, PhD	Oncology Clinic Supervisor, Alternate Clinical Research Coordinator
Autumn Kiser, PCSW	Oncology Social Worker, Psychosocial Coordinator
B. Douglas Harris, DO	Urology
Barb Weiss, CCA, CTR	Certified Tumor Registrar
Barbara Lawyer, RN	Oncology Program Manager / Outreach, Community Outreach Coordinator
Bruce Linscheid, M Div	Director of Pastoral Care
Constance Schmidt, MHA, RN, CBN, FACHE	Chief Nursing Officer
Cynthia Smith, MSN, RN	Oncology Clinical Nurse Educator
Danette Best, RN, BSN, OCN	Breast Health Navigator, Quality Improvement Coordinator
Don Dickerson, MD	Radiation Oncology, Alternate Chair
Douglas Schmitz, MD	Alternate General Surgery Representative
Elizabeth Marshall, RHIA, CTR, CCS	Certified Tumor Registrar
Ellen Rossi, RN	Alternate Quality Improvement Coordinator
Eric Hoyer, MD	Diagnostic Radiology
Jakub Stefka, MD	Pathology Cancer Conference Coordinator
Jeffrey C. Carlton, MD	Radiation Oncology, Chair
Jennifer Van Horn, RN, MSN, AOCNS	Oncology Clinical Research Specialist / Coordinator
Jill Ruiz, PC	Oncology Chaplain
Judie Book, RN	Hospice
Katie Mitzelfelt	American Cancer Society
Kimberly Johnson, MSN, RN	Ambulatory Infusion Center Nurse Manager, Alternate Oncology Nursing Manager
Leonard Geringer, RTT, RTR	Radiation Oncology Manager, Alternate for Director of Oncology Services
Lisa Burton, MD	General Surgery Representative
Maristela Batezini, MD	Medical Oncology, Cancer Liaison Physician
Michelle Anaya, RN	Patient Safety and Quality Coordinator, Alternate for Quality Improvement Department Representative
Mohamed El-Tarabily, MD	Medical Oncology, Cancer Registry Quality Improvement Coordinator
Nyoka Carter, LPN	Radiation Oncology / Alternate Community Outreach Coordinator
Phillip Haberman, MD	Pathology / Alternate Cancer Conference Coordinator
Rene Davison, PCSW	Alternate Psychosocial Services Representative
Ron Waeckerlin, MD	Pathology
Sarah Blakely, PharmD	Pharmacy
Shawn Bonner, CTR	Certified Tumor Registrar
Stine-Kathrein Kraeft, MD	Pathology, Cancer Conference Coordinator (Served Partial Year)
Tamela Thiede, BSHA, RTR, CCS, CCS-P	Oncology Service Line Director
Tammi Fuchs, FNP	Alternate for Hospice / Palliative Care
Tiffany Malcom, RN	Oncology Inpatient Unit Nurse Manager / Oncology Nursing Manager
Tiffany Sink, MS, MPH, RD, CSO, LD, RD	Nutrition Services
William Ketchum, MD	Alternate Diagnostic Radiology

Comprehensive and Compassionate Treatment



The Cheyenne Regional Cancer Center is committed to providing a comprehensive and compassionate treatment, prevention and research program that delivers high-quality oncology care to patients from southeastern Wyoming, western Nebraska and northern Colorado.

Our center strives to be a regional resource that the public and medical community can turn to for the diagnosis, management and prevention of cancer while also providing support for cancer patients and their families.

Our vision is to ensure a high quality of life for each patient while also providing lasting hope.

The center offers a comprehensive approach to cancer treatment—caring for the mind, body and spirit of the patient and family. Our state-of-the-art advanced technology and expert cancer treatment team ensure that our patients receive both high-quality and compassionate care. We provide diagnostic technologies and treatments that reduce the symptoms and side effects of cancer treatment. This positively impacts survival rates and improves the overall quality of life for our patients and their families.

American College of Surgeons' Commission on Cancer Accreditation

Cheyenne Regional Medical Center is the first and only hospital in Wyoming to



receive the American College of Surgeons' Commission on Cancer accreditation. Hospitals with this accreditation are surveyed every three years to ensure that they meet the commission's standards. Cheyenne Regional received its three-year accreditation renewal in 2013 with five commendations.

As part of the accreditation process, Cheyenne Regional's Cancer Committee establishes goals for quality improvement and directs the oncology

program's growth by evaluating new technologies, programs and services that would enhance patient care.

Our Cancer Committee includes board-certified physicians from the following medical specialties, which diagnose or treat cancer: surgery, medical oncology, hematology, diagnostic radiology, radiation oncology, pathology, internal medicine, family medicine, palliative care and urology. Input is also provided by the following Cheyenne Regional departments: Administration, Social Work, Patient Navigation, Cancer Registry, Rehabilitation, Nursing, Nutritional Services, Quality Improvement, Clinical Research and Community Outreach.

Clinical and demographic data are collected by Cheyenne Regional's Cancer Registry employees. This data guides our decisions and can ultimately help us to improve the prevention, detection and treatment of cancer. Data collection and analysis can also impact overall patient care and the kinds of services we offer, with the goal being to improve survival and quality of life for cancer patients in our region. Our Cancer Registry employees are instrumental in maintaining our accreditation and monitoring our compliance with the standards set by the American College of Surgeons.

Multidisciplinary Cancer Care

The Cheyenne Regional Cancer Center provides a multidisciplinary approach to cancer care. Our team meets regularly in Cancer Conference to discuss patient cases that are diagnosed and/or treated at the hospital. Physicians and other health professionals involved in the care of cancer patients present and discuss the cases, including a review of the patient's history, pathology and imaging studies. In cooperation with the patient, this team develops a unique and comprehensive treatment plan that may include conservative monitoring, surgery, chemotherapy, radiation or a combination of treatments. Most patients are able to make appointments and see their oncology physicians in one location and on the same day.

Cancer Care Program

Ambulatory Infusion Center

The Ambulatory Infusion Center (AIC) provides infusion and injection services to patients with a wide variety of diagnoses, including cancer, rheumatoid arthritis, anemia and infections requiring intravenous antibiotics. The AIC offers a calm and relaxing environment for patients receiving laboratory tests, chemotherapy, specialty infusions, blood transfusions and injections. All AIC infusions are provided by registered nurses who are Oncology Nursing Society-certified in chemotherapy administration. Infusions and injections are prepared for each patient—according to the physician’s order at the time of the patient’s arrival—by our pharmacists. The AIC offers patients and families the services they need in a stress-free environment, close to home.

Pathology

Our Pathology Department can diagnose and classify all types of cancer. This service helps surgeons and oncologists determine the most effective treatment for their patients. Each pathologist is board certified by the American Board of Pathology in Clinical Pathology. The department offers 24- to 48-hour turnaround times for most tests.

Hospice

Cheyenne Regional Hospice offers both outpatient and inpatient services, with inpatient services being provided at the Davis Hospice Center. The Davis Hospice Center offers a comfortable, homelike atmosphere for patients and their families. Bereavement and other services are offered to support and guide those who are grieving.

Palliative Care

Palliative care provides relief for pain and other symptoms and stresses that can occur during a serious illness. Its main purpose is to improve a patient’s quality of life and can be offered during any phase of an illness. Palliative care customizes

treatment to meet the specialized needs of each individual. This service aims to relieve pain, shortness of breath, fatigue, constipation, nausea, loss of appetite, difficulty sleeping and other symptoms that impact quality of life. Palliative care physicians, nurse practitioners, social workers and chaplains help patients and families make medical decisions, choose treatments and provide support and resource assistance.

Rehabilitation

Rehabilitation services are also offered as part of our cancer care program. These services can help patients achieve the best physical, social, psychological and work-related functioning possible during and after cancer treatment. Patients who may need additional rehabilitation services can participate in specialized training and classes at Gold’s Gym in Cheyenne.

Laboratory

Cheyenne Regional’s Laboratory plays a vital role in detecting, diagnosing and treating cancer. Our on-site laboratory provides quick results for many routine laboratory tests, enabling physicians to quickly prescribe or adjust patients’ treatment plans.



Nutritional Services

Nutrition is another important part of cancer treatment. Eating the right foods during and after treatment can help a patient feel better and recover from treatment faster. Cancer patients receive a complete nutritional assessment by our Cheyenne Regional oncology dietitian, who is a certified specialist in oncology nutrition. Patient education, nutritional supplements, personalized high-protein or nutrition-dense diets are provided by our dietitians to help patients maintain a healthy diet and eating habits during cancer treatment.

Lymphedema Therapy

Two outpatient lymphedema specialists provide lymphedema therapy for patients. Lymphedema care is offered in the cancer center’s massage therapy room, which was designed specifically to care for patients undergoing lymphedema therapy.



Cancer Resource Center

The Cancer Resource Center offers professional assistance and education to cancer patients and their families and caregivers from the moment of diagnosis. Working in collaboration with the American Cancer Society, the Cancer Resource Center provides the following:

- computers that allow patients and family members to access online information about cancer and related topics
- a library of books, magazines, pamphlets, videos and DVDs to patients and family members wishing to learn more about their diagnosis
- a conference area for patients and families
- information for patients and their families in addition to community members who are interested in cancer detection, treatment, clinical trials and prevention
- a boutique that offers several free services for patients undergoing cancer treatment at the cancer center. More information about the boutique is highlighted in the next column.

Cancer treatment can take a financial as well as a physical and an emotional strain on patients and their families. To help ease some of this burden, the Cancer Resource Center has a boutique that provides free wigs, hats, liners and scarves to patients who have lost their hair due to cancer treatment. The head coverings are funded by grants and other outside sources, including local businesses and the American Cancer Society. Prosthesis and bras are also provided by the boutique and are free to patients undergoing treatment and who have no health



insurance or who have high deductibles. Another reason for the boutique is to provide a private place for patients to try on head coverings. About 40 people, primarily women, use the boutique each year. We anticipate greater use of the boutique since it is now located along with all of our other cancer services in our new cancer center.



Oncology Inpatient Nurses

Dedicated Seven-Bed Inpatient Unit

A seven-bed inpatient unit is an important part of the comprehensive cancer care provided at Cheyenne Regional Medical Center. The unit offers a multidisciplinary, holistic approach to cancer care that considers the medical, functional, psychosocial and spiritual needs of patients. Physicians, specialists and highly trained oncology nurses coordinate patient care with social workers, case managers, patient navigators, dietitians and pharmacists who are specially trained in cancer care. The multidisciplinary team rounds on patients weekly to ensure that their questions and needs are being met during their inpatient stay.



Oncology Diagnostic and Medical Imaging

The Medical Imaging Team is comprised of dedicated radiologists, technologists, nurses and support staff focused on providing compassionate and comprehensive care to our community and region. Cheyenne Regional's imaging services support our oncology program with a variety of screening and diagnostic exams/procedures, including the following:

Screening Programs

- Breast Cancer
- Lung Cancer

- DEXA for Osteoporosis

State-of-the-Art Imaging

- PET/CT
- SPECT/CT
- Digital and CR Diagnostic X-ray
- Digital Fluoroscopy
- CT
- MRI
- 3D Ultrasound: General, Vascular and OBGYN

Women's Imaging

- Digital Mammography with CAD (Computer-Aided Detection)
- Breast MRI with CAD
- Stereotactic Biopsy
- 3D Ultrasound

Access to Imaging

- PACS (Picture Archiving Communication System)
- PACS Mobility
- eMix

Oncology Patient Navigation & Breast Health Navigator

Our patient navigators offer continuum of care to cancer patients, the families of cancer patients, caregivers and survivors. The navigators help patients find information about diagnosis, treatment and recovery, enabling patients to make informed decisions about their care. The navigators coordinate services by collaborating with medical providers, nutritionists, counselors, community resources and support groups in order to identify patient needs and assist in finding financial, psycho-social and other resources to meet these needs.

Cheyenne Regional Medical Center was the first hospital in Wyoming to offer the services of a breast health navigator, an oncology registered nurse who guides and supports breast cancer patients throughout the treatment and recovery process. Patients often find that working with the navigator helps reduce the anxiety experienced during cancer treatment.



Radiation Oncology Staff

Radiation Oncology

Radiation Oncology Services at Cheyenne Regional provide comprehensive and personalized consultation, treatment planning, radiotherapy and follow-up for patients diagnosed with a wide range of cancers. Our two board-certified radiation oncologists, board-certified medical physicist, registered radiation therapists, certified medical dosimetrists and registered nurses deliver compassionate state-of-the-art cancer treatment. They are committed to providing high-quality and individualized patient care.

With the opening of the new cancer center, Cheyenne Regional also purchased a Varian TrueBeam linear accelerator/treatment system. This system is equipped with several different imaging options. Having these options allows the therapists to take an image of the treatment area every day, ensuring that the beam is aimed precisely. The TrueBeam system also shapes the radiation beam, targeting only those areas that need to be treated. This spares healthy tissue near the treatment area. In addition, TrueBeam is capable of generating radiation beams with different energies and delivering treatment options that can be customized for the patient.

Cheyenne Regional's other external beam radiation therapy treatment system is TomoTherapy HiArt from Accuray. The TomoTherapy machine is designed with a Computerized Tomography (CT) imaging system that can take a CT scan of the patient each day prior to treatment. Information from each day's scan allows the therapists and

physicians to precisely align the patient before treatment. This ensures that each treatment is of the highest quality and accuracy. The TomoTherapy machine at Cheyenne Regional also uses a unique design that revolves around the patient. The design allows multiple entry sites for the radiation beam with continuous beam shaping. This means that only the areas needing radiation are treated – sparing healthy tissue.

High-Dose Rate and Low-Dose Rate Brachytherapy systems at Cheyenne Regional use a radioactive source that is either implanted directly into tissues or introduced into catheters in the area to be treated.

Medical Oncology & Hematology Associates

The physicians of Cheyenne Oncology & Hematology Associates (COHA) specialize in diagnosing and treating blood disorders and cancer. COHA's board-certified and board-eligible physicians work with an experienced staff to provide individualized, compassionate and supportive care for patients. COHA has an on-site laboratory that processes tests quickly, which helps when critical treatment decisions need to be made. The clinic also has a full-time triage nurse with special oncology training to answer questions about medications, side effects, symptoms and other treatment-related topics. COHA is located on the second floor of the cancer center.

Clinical Trials and Research

Clinical trials are offered to patients for the prevention, diagnosis and treatment of cancer and treatment side effects. Cheyenne Regional is participating in the National Cancer Institute Community Oncology Research Program through affiliation with Colorado Cancer Research Program. We offer many of the same state-of-the art clinical trials available through Colorado health systems with the benefit of care close to home.

purpose of the grant is to help reduce the impact of cancer in the region. Our Cancer Resources staff provides cancer awareness through education programs focusing on cancer prevention and the importance of being screened. Low-income and/or underinsured patients needing assistance are recruited into state-funded breast, cervical and colorectal cancer screening programs and mammogram assistance programs.

Outreach Services

In 2014, the Wyoming Department of Health awarded Cheyenne Regional Medical Center a Wyoming Cancer Resource Services grant. The

Our Cancer Resources staff provides cancer awareness through education programs focusing on cancer prevention and the importance of being screened.



Jeffrey C. Carlton, MD; Don R. Dickerson, MD; Maristela Batezini, MD; Mohamed E. El-Tarabily, MD; Alana Workman, MD

Cheyenne Regional Cancer Cases

PRIMARY SITE	'92-'12	2013 ANALYTIC CASES BY STAGE AT DIAGNOSIS						(%)Total '13	Total '92-'13
Analytic Cases (Class 00-22)	All Stages	%Stage 0	%Stage 1	%Stage 2	%Stage3	%Stage 4	%Unknown or N/A	#Analytic Cases All Stages	#Analytic Cases All Stages
Lip	13	0%	100%	0%	0%	0%	0%	1	14
Tongue	52	0%	0%	20%	20%	60%	0%	5	57
Mouth	46	0%	0%	0%	0%	0%	0%	0	46
Parotid/Salivary Glands	25	0%	0%	0%	0%	100%	0%	1	26
Pharynx	59	0%	0%	0%	33%	67%	0%	3	62
Esophagus	73	0%	20%	0%	40%	40%	0%	5	78
Stomach	72	0%	17%	0%	17%	50%	17%	6	78
Small Intestine	28	0%	0%	0%	0%	0%	0%	0	28
Colon	585	0%	17%	35%	43%	4%	0%	23	608
Rectum/Anus/Rectosigmoid	217	0%	12%	41%	24%	24%	0%	17	234
Liver	69	0%	0%	25%	25%	50%	0%	4	73
Gallbladder/Biliary Tract	67	0%	25%	0%	0%	50%	25%	4	71
Pancreas	171	0%	0%	25%	25%	38%	13%	8	179
Other Digestive Organs	10	0%	0%	0%	0%	0%	0%	0	10
Nasal Cavity/Middle Ear	5	0%	0%	0%	0%	0%	100%	1	6
Accessory Sinuses	2	0%	0%	0%	0%	0%	0%	0	2
Larynx	85	20%	60%	0%	0%	20%	0%	5	90
Lung	1,069	0%	17%	9%	17%	57%	0%	46	1,115
Trachea/Heart/Mediastinum/Pleura	29	0%	0%	100%	0%	0%	0%	1	30
Bone/Joint	16	0%	0%	0%	0%	0%	0%	0	16
Nerves/Peritoneum/Connective Tissue	49	0%	0%	0%	0%	100%	0%	1	50
Multiple Myeloma	86	0%	0%	0%	0%	0%	100%	6	92
Leukemia	160	0%	0%	0%	0%	0%	100%	21	181
Other Hematopoetic	44	0%	0%	0%	0%	0%	100%	8	52
Skin (Reportable Cases)	12	0%	0%	0%	0%	0%	0%	0	12
Melanoma of Skin	102	50%	0%	0%	0%	50%	0%	2	104
Breast	1,600	13%	49%	26%	5%	5%	3%	88	1,688
Invasive Uterine Cervix	90	0%	33%	0%	33%	0%	33%	3	93
Other Uterus	214	0%	71%	0%	14%	14%	0%	14	228
Ovary	145	0%	0%	14%	29%	43%	14%	7	152
Vulva/Vagina/Other F Genitals	43	0%	0%	0%	25%	25%	50%	4	47
Prostate	1,451	0%	15%	62%	8%	13%	3%	39	1,490
Testis	68	0%	75%	0%	25%	0%	0%	8	76
Penis	4	0%	0%	0%	0%	0%	0%	0	4
Kidney	202	5%	47%	21%	16%	11%	0%	19	221
Bladder	447	60%	24%	12%	0%	4%	0%	25	472
Other Urinary	42	0%	0%	0%	0%	0%	0%	0	42
Brain/CNS	229	0%	0%	0%	0%	0%	100%	10	239
Thyroid/Endocrine/Thymus	328	0%	47%	6%	18%	6%	24%	17	345
Hodgkin Lymphoma	45	0%	0%	0%	0%	0%	0%	0	45
Non-Hodgkin Lymphoma	280	0%	13%	0%	38%	31%	19%	16	296
Unknown Primary Site/Miscellaneous	229	0%	0%	0%	0%	0%	100%	9	238
TOTAL	8,563	7%	27%	19%	13%	18%	16%	427	8,990

CHEYENNE REGIONAL CASES FROM 1992-2013

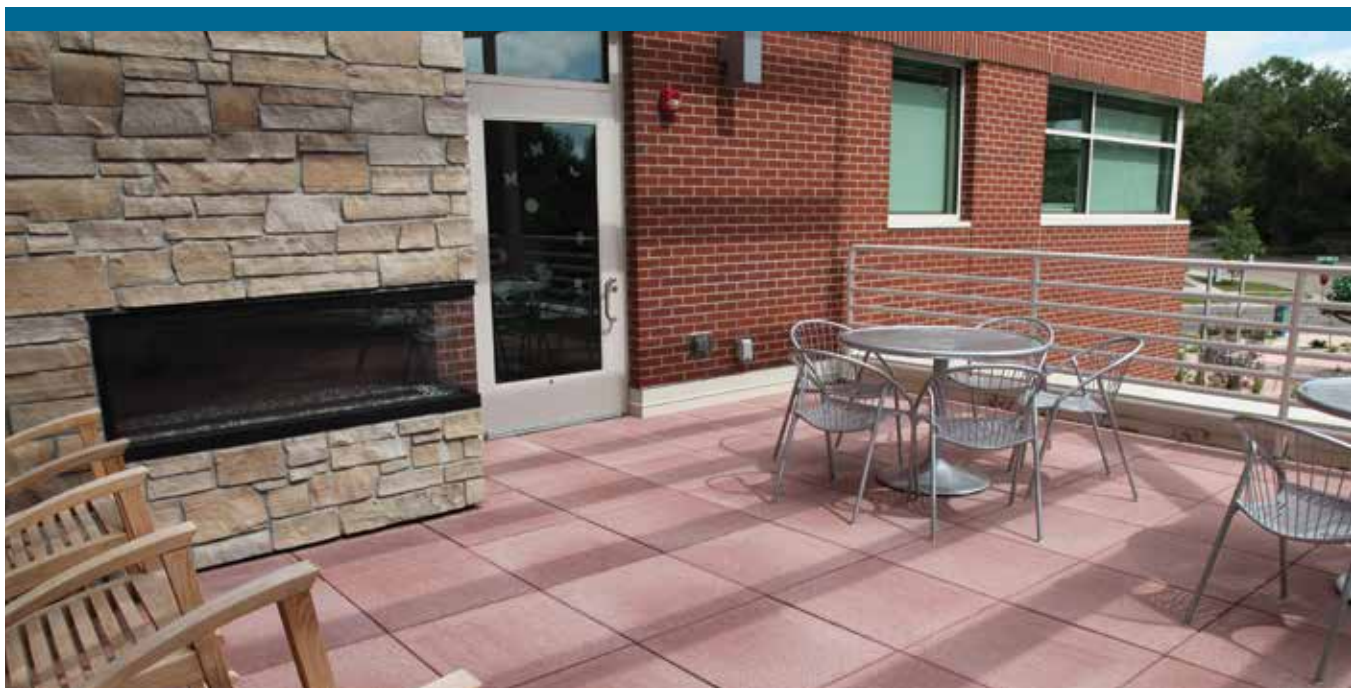
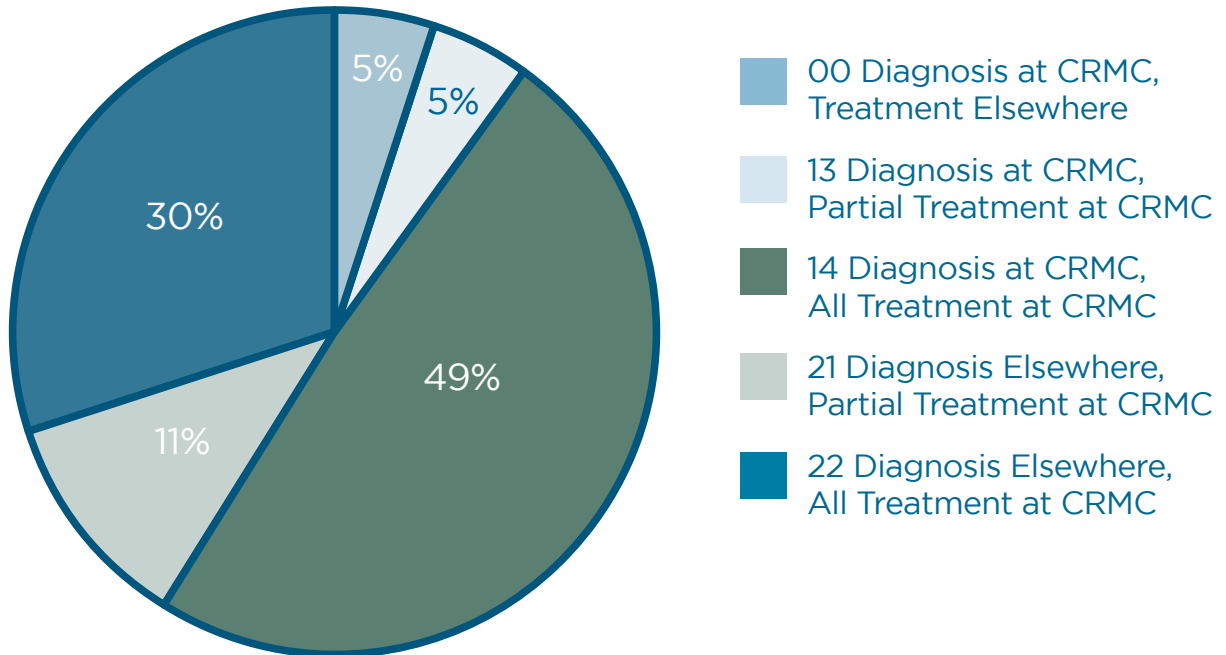
	1992-2012	2013 Cases	Total 1992-2013	% of Total
Total WY	8,075	405	8,480	94%
Out of State/Unknown	488	22	510	6%
Total 1992-2013	8,563	427	8,990	
Albany	337	5	342	4%
Campbell	9	0	9	0%
Carbon	152	8	160	2%
Converse	23	1	24	0%
Crook	1	0	1	0%
Fremont	11	1	12	0%
Goshen	265	8	273	3%
Hot Springs	3	0	3	0%
Johnson	1	0	1	0%
Laramie	6,696	351	7,047	78%
Natrona	28	0	28	0%
Niobrara	18	1	19	0%
Park	2	0	2	0%
Platte	486	26	512	6%
Sheridan	5	0	5	0%
Sublette	5	0	5	0%
Sweetwater	19	0	19	0%
Teton	4	0	4	0%
Uinta	2	2	4	0%
Washakie	3	2	5	0%
Weston	5	0	5	0%
Total WY	8,075	405	8,480	94%
Arizona	13	0	13	0%
Colorado	84	7	91	1%
Nebraska	167	10	177	2%
Other/Unknown	224	5	229	3%
Total Out of State/Other/Unknown	488	22	510	6%



Class of Case

	Description	# 2013 Cases	% 2013 Cases
00	Diagnosis at CRMC, Treatment Elsewhere	20	5%
13	Diagnosis at CRMC, Partial Treatment at CRMC	20	5%
14	Diagnosis at CRMC, All Treatment at CRMC	211	49%
21	Diagnosis Elsewhere, Partial Treatment at CRMC	49	11%
22	Diagnosis Elsewhere, All Treatment at CRMC	127	30%
All Classes	Total 2013 Cases	427	100%

% of Total 2013 Analytic Cases



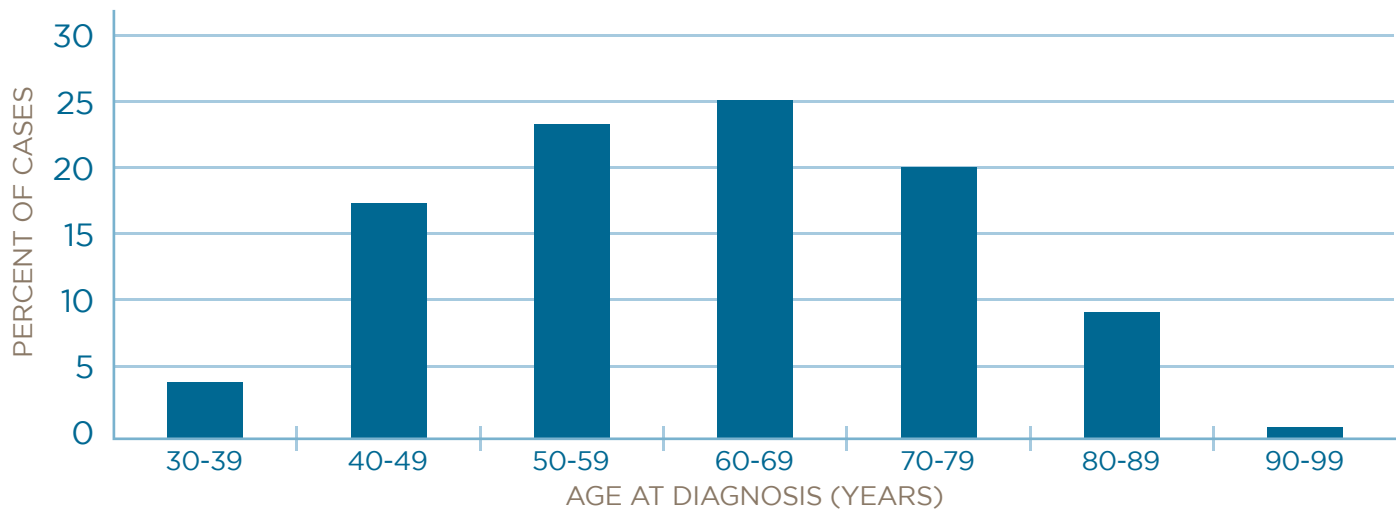
Breast Cancer

1,688 CASES FROM 1992 - 2013

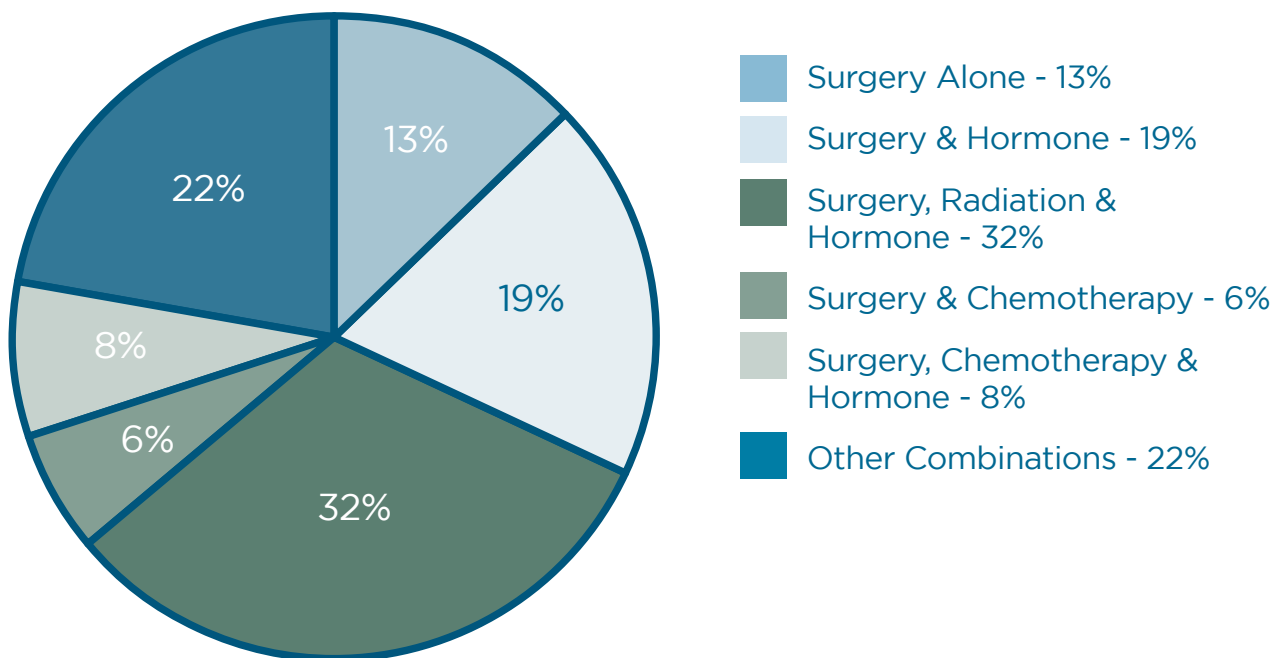
BREAKDOWN BY AGE

Age at Diagnosis	1992-2012	2013	1992-2013	% of Total Cases
20-29	4	1	5	<1%
30-39	68	3	71	4%
40-49	278	11	289	17%
50-59	371	20	391	23%
60-69	394	28	422	25%
70-79	324	17	341	20%
80-89	147	6	153	9%
90-99	14	2	16	1%
Total	1,600	88	1,688	

BREAKDOWN BY AGE



Treatment 2013 Breast Cancer Cases



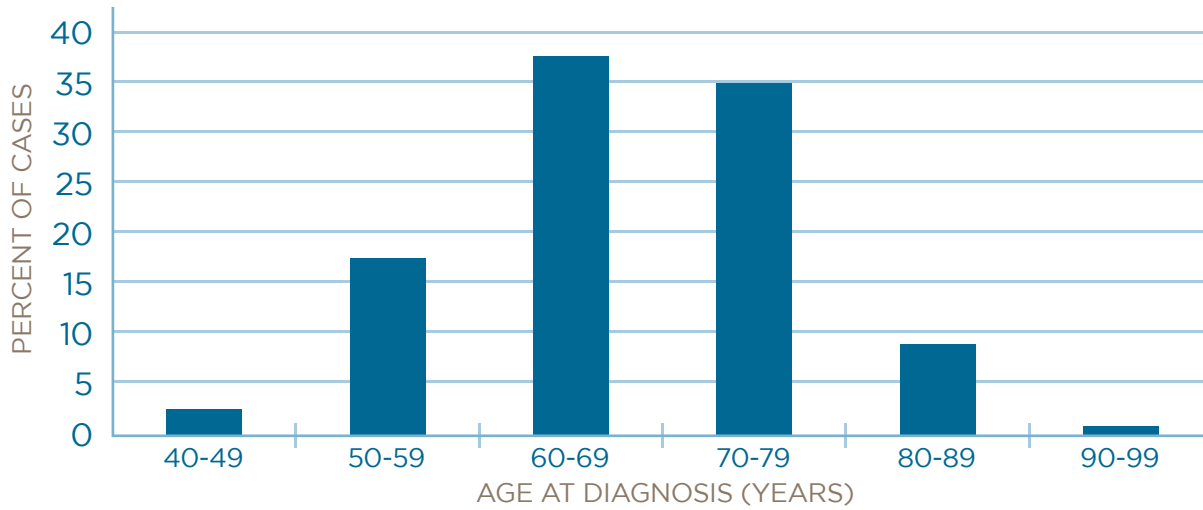
Prostate Cancer

1,490 CASES FROM 1992 - 2013

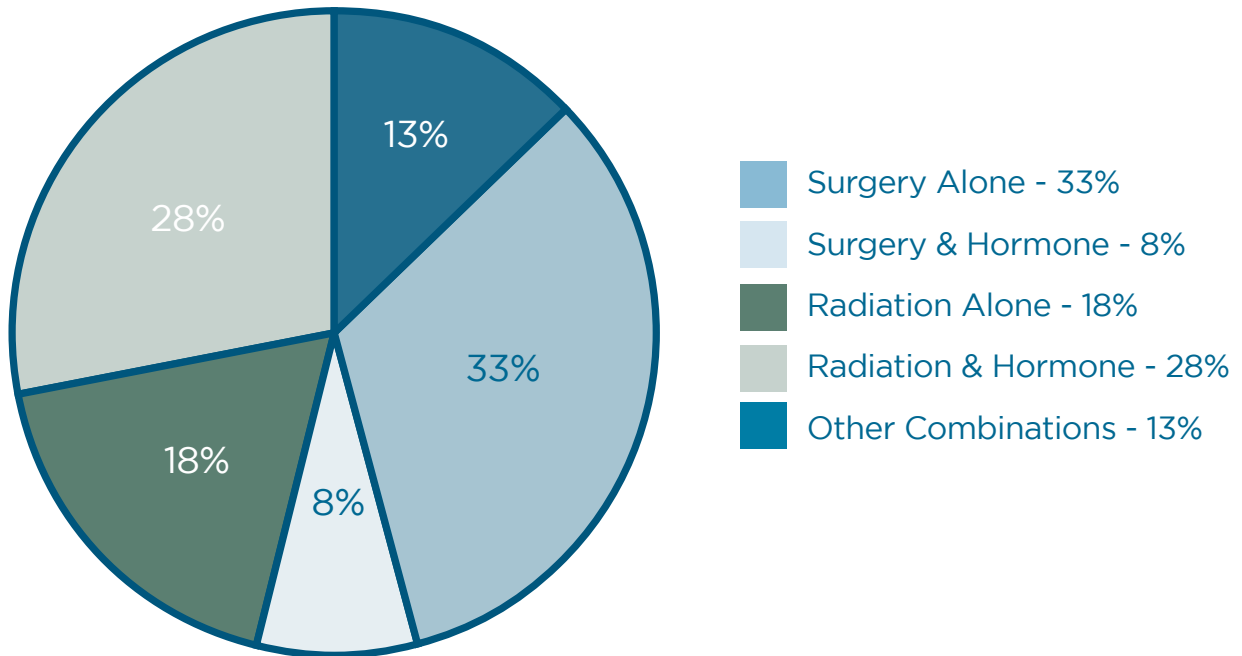
BREAKDOWN BY AGE

Age at Diagnosis	1992-2012	2013	1992-2013	% of Total Cases
20-29	0	0	0	0%
30-39	1	0	1	<1%
40-49	31	0	31	2%
50-59	250	4	254	17%
60-69	534	21	555	37%
70-79	505	10	515	35%
80-89	120	4	124	8%
90-99	10	0	10	1%
Total	1,451	39	1,490	

BREAKDOWN BY AGE



Treatment 2013 Prostate Cancer Cases



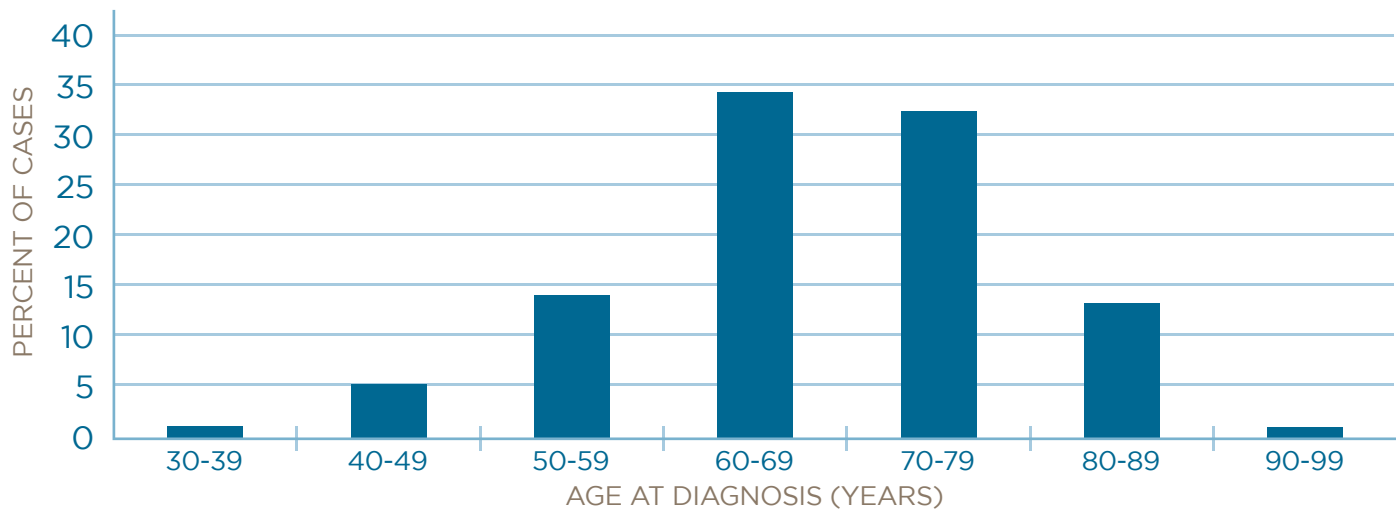
Lung Cancer

1,115 CASES FROM 1992 - 2013

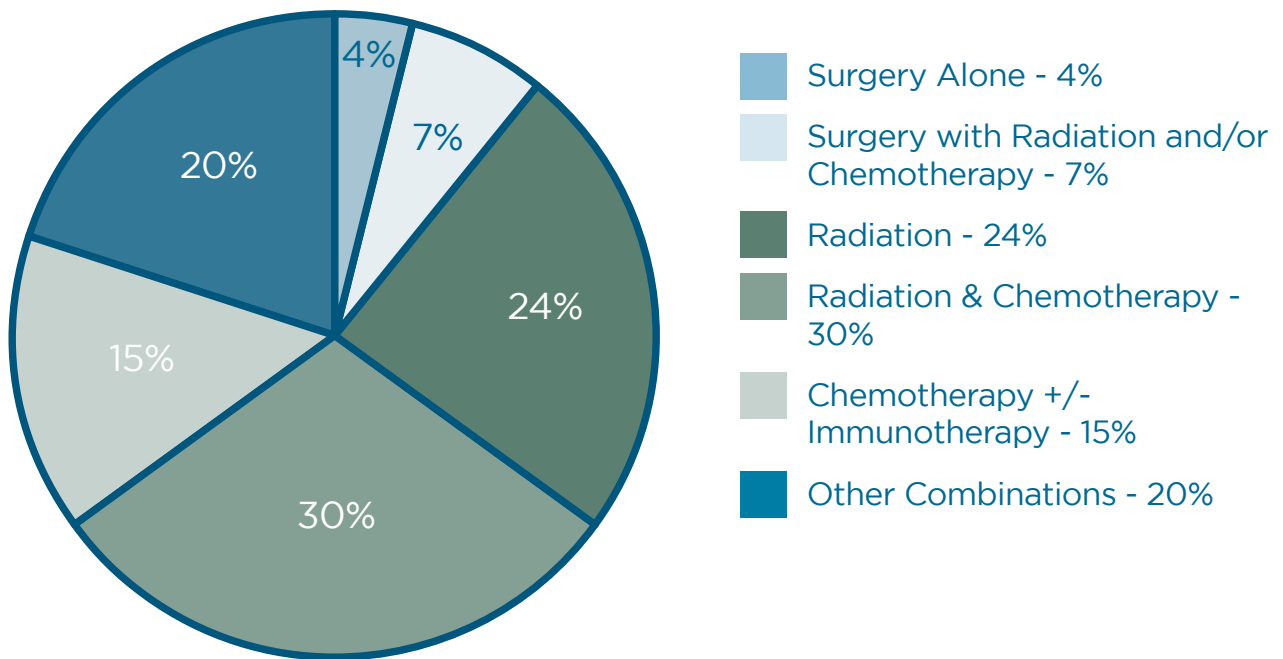
BREAKDOWN BY AGE

Age at Diagnosis	1992-2012	2013	1992-2013	% of Total Cases
20-29	4	0	4	<1%
30-39	6	0	6	1%
40-49	57	2	59	5%
50-59	151	5	156	14%
60-69	360	14	374	34%
70-79	348	14	362	32%
80-89	131	11	142	13%
90-99	12	0	12	1%
Total	1,069	46	1,115	

BREAKDOWN BY AGE



Treatment 2013 Lung Cancer Cases



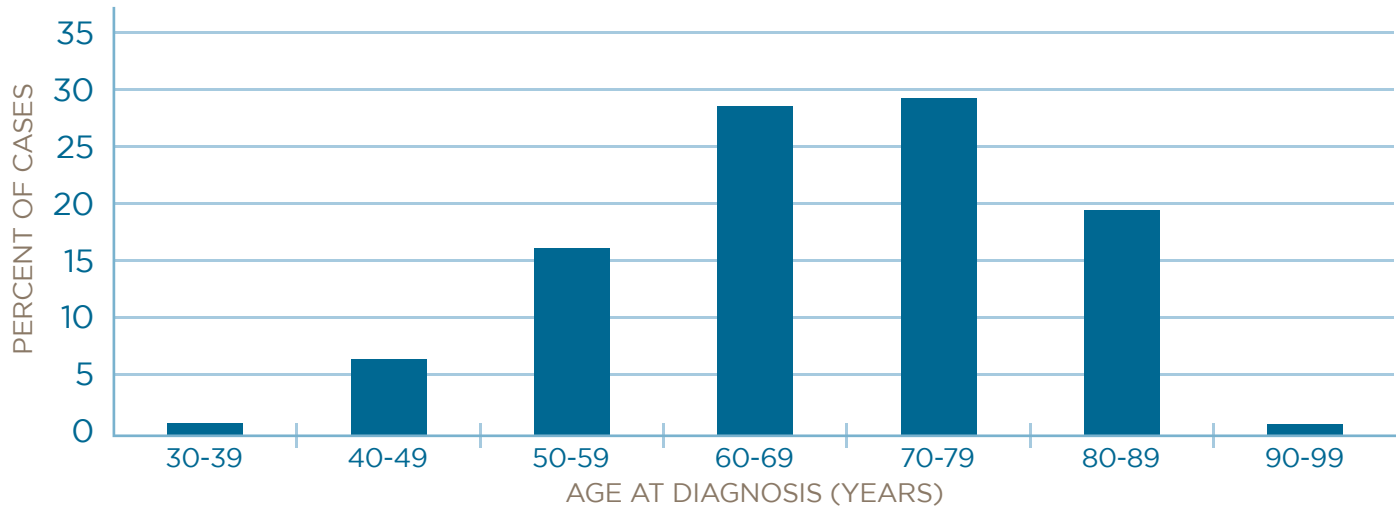
Bladder Cancer

472 CASES FROM 1992 - 2013

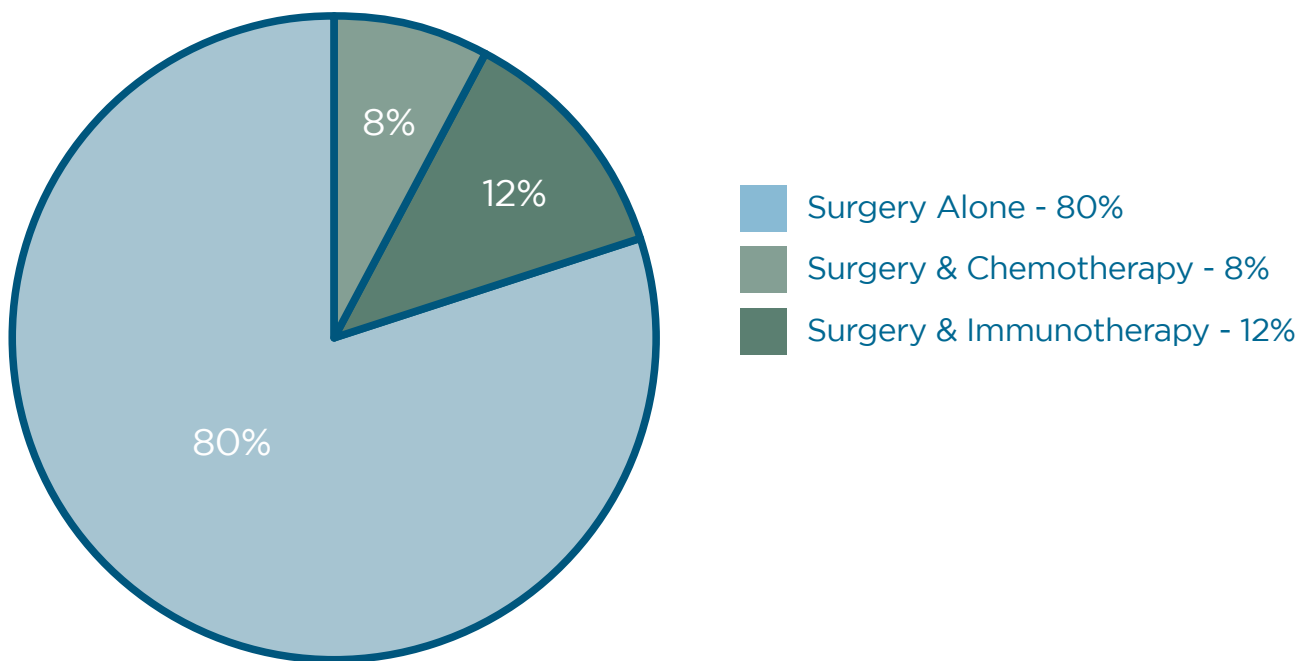
BREAKDOWN BY AGE

Age at Diagnosis	1992-2009	2010-2012	2013	1992-2013	% of Total Cases
20-29	0	1	0	1	<1%
30-39	2	4	0	6	1%
40-49	15	14	1	30	6%
50-59	57	17	2	76	16%
60-69	96	26	9	131	28%
70-79	104	23	8	135	29%
80-89	77	6	5	88	19%
90-99	5	0	0	5	1%
Total	356	91	25	472	

BREAKDOWN BY AGE



Treatment 2013 Bladder Cancer Cases



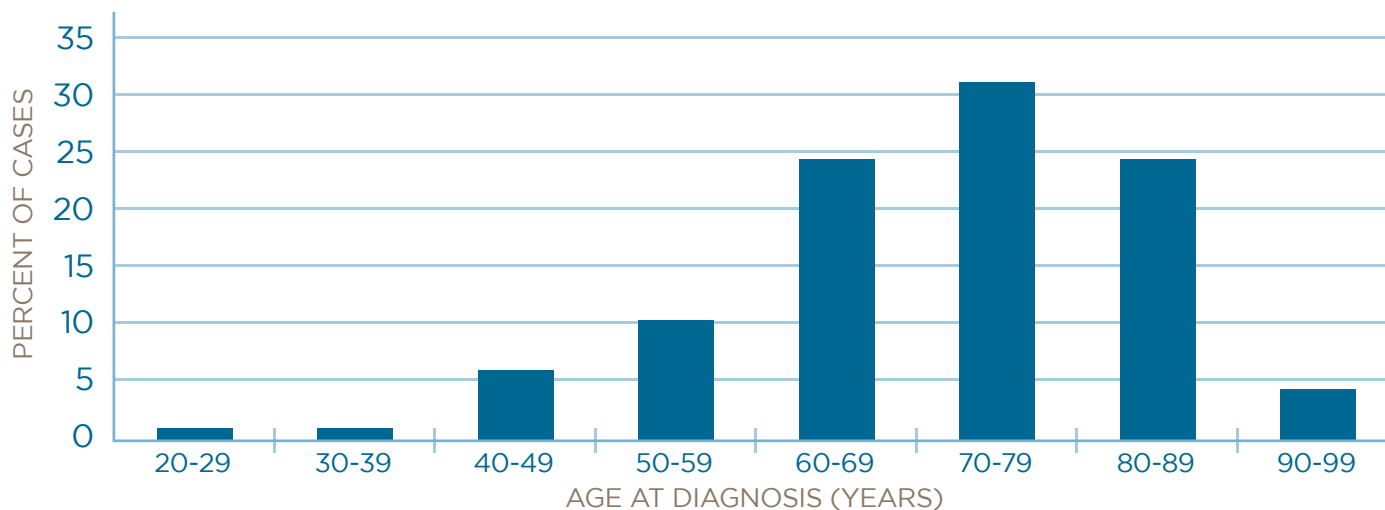
Colon Cancer

608 CASES FROM 1992 - 2013

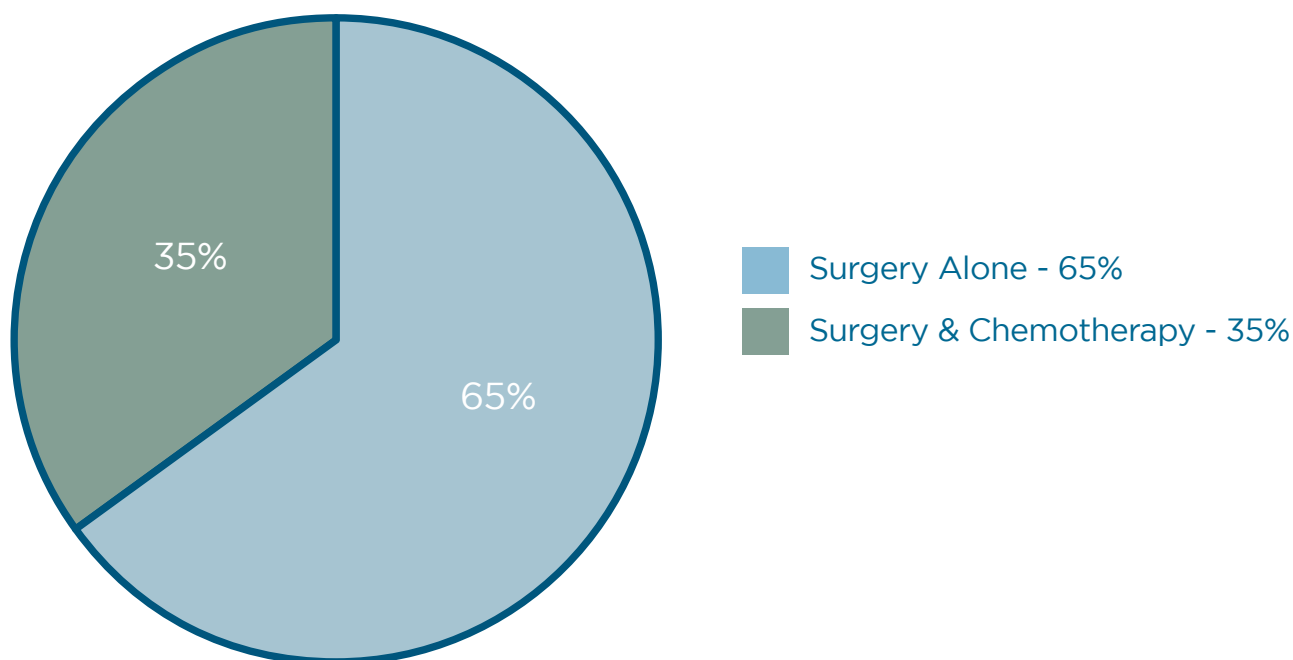
BREAKDOWN BY AGE

Age at Diagnosis	1992-2012	2013	1992-2013	% of Total Cases
20-29	5	0	5	1%
30-39	5	0	5	1%
40-49	33	1	34	6%
50-59	58	3	61	10%
60-69	140	6	146	24%
70-79	185	6	191	31%
80-89	137	7	144	24%
90-99	22	0	22	4%
Total	585	23	608	

BREAKDOWN BY AGE



Treatment 2013 Colon Cancer Cases



Spotlight on Outcomes

ACCOUNTABILITY MEASURES

Cheyenne Regional Medical Center's Cancer Committee ensures that our patients receive accountable care, meaning treatment plans are consistent with evidence-based medical guidelines. One way we accomplish this is by monitoring our Cancer Program Practice Profile Report (CP3R) in accordance with Standard 4.4 of the Commission on Cancer's Cancer Program Standards. The CP3R report is produced by the Commission on Cancer and is based on data submitted to the National Cancer Data Base (NCDB). The report shows CRMC's compliance with key performance measures and also compares our compliance with other accredited programs.

BREAST CANCER - Radiation administered within 1 Year of Diagnosis for Women Under age 70 Receiving Breast Conservation Surgery for Breast Cancer

Estimated Performance Rate (EPR):

CRMC	100.0%
All Commission on Cancer-Approved Community Hospital Cancer Programs	91.6%
All Commission on Cancer-Approved Programs	92.4%
Commission on Cancer – Expected Performance Rate > or = 90%	90.0%

BREAST CANCER - Tamoxifen or 3rd Generation Aromatase Inhibitor Administered within 1 Year of Diagnosis for Women with AJCC T1c N0 or Stages IB-III Hormone Receptor Positive Breast Cancer

Estimated Performance Rate (EPR):

CRMC	100.0%
All Commission on Cancer-Approved Community Hospital Cancer Programs	91.6%
All Commission on Cancer-Approved Programs	91.3%

Spotlight on Outcomes

ACCOUNTABILITY MEASURES

BREAST CANCER - Combination Chemotherapy
Administered within 4 Months of Diagnosis for Women
Under Age 70 with AJCC T1c N0 or Stages IB-III Hormone
Receptor Negative Breast Cancer

Estimated Performance Rate (EPR):

CRMC	100.0%
All Commission on Cancer-Approved Community Hospital Cancer Programs	93.6%
All Commission on Cancer-Approved Programs	92.8%
Commission on Cancer – Expected Performance Rate > or = 90%	90.0%

COLON CANCER - Adjuvant Chemotherapy
Administered within 4 Months of Diagnosis of Patients
Under Age 80 with AJCC Stage III Lymph Node Positive
Colon Cancer

Estimated Performance Rate (EPR):

CRMC	100.0%
All Commission on Cancer-Approved Community Hospital Cancer Programs	92.3%
All Commission on Cancer-Approved Programs	91.4%

Cancer Center Events

We are grateful to the many groups and individuals who have donated their time, talent and energy to our cancer center over the past year. The photos on this page are a small sample of the many wonderful ways our community has reached out to help our patients. We want each person and group that has shared with our patients to know how very much we appreciate you. Every performance, hand-written note, piece of artwork and gift has been a blessing. **Thank you all!**





Cheyenne Regional
Cancer Services

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