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Albert J. and Judith A. Dunlap Cancer Center at Mayo Clinic Health System in Eau Claire 2017–2018 Cancer Annual and Outcomes Report

The Oncology Department at Mayo Clinic Health System (MCHS) in Eau Claire and Mayo Clinic Radiation Oncology are located together in the Albert J. and Judith A. Dunlap Cancer Center offering a full range of comprehensive medical and surgical specialists who are board-certified in medical, surgical and radiation oncology. The Cancer Center’s design provides a seamless delivery of care — improving workflow patterns and communication among physicians, staff, patients and their families.

The chemotherapy infusion suite allows our patients to select and control their surrounding by providing different types of treatment areas, including private, semi-open and open locations for social interaction — resulting in improved outcomes and better patient experiences. Our multidisciplinary team blends cancer care by understanding the physical and emotional effects of cancer by focusing on the patient and their families, not the diagnosis. Mayo Clinic Health System’s strong support teams are comprised of specialists from pain management, palliative medicine, behavioral medicine, nutrition, physical therapy, emotional and spiritual guidance, social services and nationally certified oncology nurses. Cancer therapies are designed using the most advanced treatments, research, clinical trials and support resources. Medical oncologists on staff include Sandeep Basu, M.D.; Sameer Batoo, M.D.; Eyad Al Hattab, M.D.; and Scott Okuno, M.D. Advanced practice oncology providers on staff include Kaye Holt, C.N.P., and Ruta Kirstein, C.N.P. Radiation therapy is provided onsite through Mayo Clinic radiation oncologists, including Larry Past, M.D.; Zachary Wilson, M.D.; and Sara James, M.D. Advanced practice radiation therapy provider, Dawn Mrozinski, C.N.P., is onsite.

Our Nurses

Our oncology nursing staff is committed to providing patient- and family-centered care. We treat each patient with the value statements that are evidenced throughout Mayo Clinic. These values guide our mission every single day. They are:

- Respect
- Compassion
- Integrity
- Healing
- Teamwork
- Excellence
- Innovation

- Stewardship

Our nurses are valued members of our multidisciplinary team in the Cancer Center. We focus on quality of life throughout the patient's cancer treatment and beyond. We have specialized nurses who help us maintain our high standards in our cancer program. Our nurses:

- Administer chemotherapy
- Assist with incoming calls, care coordination, referrals, prior authorizations for medications and treatment plans
- Provide assistance to our radiation and oncology patients

Our Cancer Center includes 14 registered nurses who have chemotherapy and biotherapy certifications from the Oncology Nursing Society. There are eight registered nurses who have received national Oncology Nurse Certification. Our outreach sites in Barron and Menomonie have seven registered nurses that rotate between all of our sites. These nurses also maintain the chemotherapy and biotherapy certification from the Oncology Nursing Society. Our two licensed practical nurses and four medical assistants welcome patients to the Cancer Center and prepare them for their visit with the oncologist.

Our Research/Clinical Trial

Our cancer program participates in treatment and clinical trials, cancer education and support while providing



quality care close to home with Mayo Clinic expertise. When you participate in clinical research, you become part of the Mayo Clinic team. Clinical studies help bridge research and patient care by evaluating therapies, drugs, diagnostic tools and patient care practices. In 2018, MCHS enrolled 1,631 patients in cancer-related clinical trials and 167 eligible breast cancer patients were accrued to cancer-related clinical trials meeting the Commission on Cancer (CoC) program standard minimum requirement of 4 percent. Mayo Clinic conducts basic, translational,

clinical and epidemiological research throughout Mayo Clinic Health System. The needs of patients drive research at Mayo Clinic. As doctors treat patients and see opportunities for advancing patient care, they work together with Mayo Clinic scientists and research teams to develop new and improved diagnostic tools, medications, devices, treatment protocols and more. Mayo Clinic's unique culture of collaboration and teamwork, and its extensive facilities and resources, make it possible for researchers to unravel and solve complex research questions.

Answering these questions requires a team of physicians who care for patients with a disease, basic scientists who investigate the condition's molecular basis and epidemiologists who study its effect on populations. This close integration makes it possible to quickly bring proven diagnostics and therapeutics to patients and share this knowledge with the next generation of doctors and scientists. Note: results are based on the previous year's information. The current year's data is monitored, but reported at the end of the following year due to the time frame for posting our public outcome's report.

Types of clinical studies:

- Observational Study
- Clinical Trial
- Medical Records Research

Our Cancer Registry

Mayo Clinic Health System's cancer registry integrates clinical and all aspects of medical information into a patient database. This abstract, an organized summary of information, systematically collects occurrence of cancer (incidence), type of cancer (site), extent of disease at diagnosis (stage), treatment received by patients and outcomes of treatment (survival). Great patient care begins with the data collection process. Cancer registries provide physicians, health officials, researchers, educators and lawmakers with an organized medical record

including occurrence of cancer (incidence), type of cancer (site), extent of disease (stage), treatment received by patients and outcomes of treatment (survival). This information base represents a patient's experience with cancer and generates reliable statistical information used in providing patient-centered care.

In cooperation with the CoC, registries offer a variety of useful data tools to successfully meet and exceed cancer program requirements for accreditation. The Cancer Program Practice Profile Report (CP³R) consists of 20 quality measures for nine cancer sites. Mayo Clinic Health System constantly exceeds the benchmark set by the CoC and reviews all cases that fall below. To date, all cases below benchmark have been due to patients declining treatment and/or a patient's health preventing the standard time frame for treatment.

The Rapid Quality Reporting System (RQRS) is a reporting and quality improvement tool, which provides a real clinical-time assessment of hospital-level adherence to National Quality Forum (NQF) endorsed quality of cancer care measures for specific disease sites. Mayo Clinic Health System continues to remain above 90 percent and regularly reviews cases for treatment inconsistencies. If a treatment inconsistency is noted by registry staff, the Cancer Committee chair and/or physician advisors are consulted.

Defeating Cancer — Reporting Our Data

The Mayo Clinic Health System cancer registry includes Chippewa Valley, Northland, Oakridge and Red Cedar facilities in its database of more than 8,000 patients. The cancer registry generates nearly 1,100 new cases each year and reviews over 40,000 previous cases to include additional treatment information. Our five most common cancer sites in 2017 were:

- Breast: 167
- Melanoma: 97
- Lung: 85
- Prostate: 123
- Non-Hodgkin's: 31

The database is monitored and maintained by certified tumor registrars (CTRs) — medical information specialists educated in the collection of disease, specifically cancer, and are required to complete continuing education credits annually. Mayo Clinic Health System in Eau Claire and Northland received the American Cancer Society (ACS) Platinum Merit Award in 2017 for data completeness submissions. (*CoC Standard 1.11, 5.1*)

This information is directly responsible for changes in treatment planning and identifying underserved and/or higher cancer incidence in the U.S. populations. The data is coordinated and reported in statistics compiled by the National Cancer Data Base (NCDB), American Cancer Society (ACS), Wisconsin Cancer Reporting System (WCRS) and numerous other agencies working to eradicate cancer.

The WCRS has been recognized by the U.S. Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR) as a Registry of Excellence for 2018. Wisconsin is one of only 19 states to achieve this designation, which reflects the submission of high-quality data for cancer prevention and control activities.

Our Compliance Programs and Commitment to Excellence

We are proud to be an accredited cancer program by the American College of Surgeons' Commission on Cancer. Mayo Clinic Health System's cancer program was surveyed in March 2016 by the CoC. Due to the hard work of diligent medical staff and Cancer Committee members, the program excelled meeting compliance in all required standards and received four special commendations. Our cancer program was awarded a three-year accreditation with commendation. Our HERS Breast Center is accredited through the National Accreditation Program for Breast Centers (NAPBC).

Our Community

We collaborate with other agencies to promote cancer awareness in the community through a series of activities. Mayo Clinic Health System offers prevention and screening programs, and several support groups to support our patients, as well as the general community. In 2018, our community outreach activities included:

- Cancer Awareness Night at the University of Wisconsin-Eau Claire women's basketball game sponsorship (included a booth to answer cancer questions)
- American Cancer Society and Mayo Clinic Health System's collaborative agreement
- Making Strides Against Breast Cancer (walk to raise money for the American Cancer Society's breast cancer programs)
- LIVESTRONG at the YMCA (program for cancer survivors)
- American Cancer Society Relay for Life
- Half Moon Dragon Boat Festival (Cancer Center staff were onsite with cancer information and an activity)
- Cancer Awareness Nights at the University of Wisconsin-Eau Claire and the University of Wisconsin-Stout (volleyball games)
- Hope in the Valley (community event including several booths staffed by Cancer Center staff, the HERS Breast Center and Gastroenterology (inflatable colon))
- Lung Screening Program

Mayo Clinic Health System Support Groups

- Chippewa Valley Breast Cancer Support Group
- Living Again Support Group (for cancer patients, survivors and caregivers)
- Lymphedema Laugh and Learn Support Group
- Myeloma Support Group

Cancer Resources

We collaborate with the American Cancer Society to provide patients with the following resources, as appropriate, including:

- Lodging services
- Look Good Feel Better
- Reach to Recovery (breast cancer)
- Transportation services

To find an American Cancer Society office near you, visit cancer.org.

Cancer Committee at Work

A successful cancer program depends on an effective Cancer Committee. The committee is responsible for setting goals and planning all cancer-related activities in the program. Members voluntarily participate in attending meetings, initiating changes, directing compliance with program requirements and actively pursuing a higher level of patient care.

An experienced and proactive Cancer Committee utilizes the data in their cancer registry database and other medical departments. These combined efforts create a multidisciplinary approach in comprehensive cancer care ensuring our patients receive the safest and advanced treatment choices when arriving at Mayo Clinic Health System. This team wants a win for the patient.

2018 Mayo Clinic Health System Cancer Committee Members

Sandeep Basu, M.D., Medical Oncology
Larry Past, M.D., Radiation Oncology
Zachary Wilson, M.D., Radiation Oncology
Angela Appel, M.D., Surgery
Jeremy McBride, M.D., Radiology
Melissa Hart, M.D., Pathology
James Deming, M.D., Palliative Care
Kaye Holt, N.P., Medical Oncology
Barbara Eidahl, R.N., Oncology Director
Adele Moe, Quality Assurance
Mary Thelen, R.N., Palliative Care Director
Jennifer Blaskowski, Community Outreach
Holly Hennlich, Clinical Research
Sarah Lewis, M.S.W., A.P.S.W., Cancer Guide
Mary Beth Clark, M.S., C.C.C., Rehabilitation Services
Kathleen C. Bauer, R.N., B.S.N., O.C.N., Medical Oncology
Jeni Darnell, R.N., Medical-Surgical (Inpatient)
Barbara Massie, Certified Tumor Registrar

Alternate Members and Support Staff

Won Song, M.D., Diagnostic Radiology
Vipul Trivedi, M.D., Pathology
Holland M. Ravelle, M.D., Radiology
Eyad Al Hattab, M.D., Medical Oncology
John McMahon, Quality Specialist
Beth Blackburn, Community Outreach
Susan Houck, M.S.W., Social Services
Andrea Jadeke, R.T., Radiation Oncology
Laura Miller, R.N., Radiation Oncology
Rebecca McInnis, Administration
Rose Olson, R.N., Medical-Surgical (Inpatient)
Terri Soley, R.N., HERS Breast Center
Erin Liebelt, Palliative Care
Christine Lueck, Palliative Care
Blanca Schafer, Clinical Research
Tracey Curtis, Pathology/Medical Records
Connie Hofmeister, Certified Tumor Registrar
Roberta Christensen, American Cancer Society

For more information about the Cancer Committee, please contact Barb Eidahl (eidahl.barb@mayo.edu).

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