Almost 30 years ago, Cancer Treatment Centers of America® (CTCA) first opened its doors with the hopes of providing whole-person, innovative cancer care with evidence-informed supportive therapies. I am proud to say that we still continue that same care today, while working to advance medicine and provide additional treatment options to our patients.

As I look back on 2016, I think of the amazing accomplishments that CTCA® at Western Regional Medical Center (Western) has been able to achieve. Many of these accomplishments could not have been possible without the patients who inspire us and the physicians who are challenging cancer care today.

This past year, we have worked to further build out our clinical research program, setting new standards for innovation. I am also proud to share that Western was reaccredited by the National Accreditation Program for Breast Centers, displaying our commitment to providing high-quality, multidisciplinary care to our breast cancer patients. Western was also fortunate enough to be recognized by Press Ganey for the 2016 Guardian of Excellence Award in Patient Experience in the Outpatient Clinic category for reaching the 95th percentile in patient experience. These accomplishments and third-party recognitions truly showcase our ongoing commitment to providing the best care possible to not only our patients, but also their caregivers.

In this 2016 report, you will find information about the patients we have been privileged to care for, programs we have provided to members of our community and additional awards and accreditations Western has achieved. I am humbled by everything our hospital has been able to accomplish this year and look forward to what this next year will bring.

Sincerely,

Matt McGuire
President and CEO
Cancer Treatment Centers of America
at Western Regional Medical Center
Contents

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05 2016 Estimated Leading New Cancer Cases
06 Accreditations and Recognitions
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The information presented throughout the 2016 Cancer Registry Annual Report reflects the data collected from January 1 to December 31, 2015 unless otherwise noted.
Cancer Registry Report

The Western Cancer Registry maintains a data system designed for the collection, management and analysis of data on individuals diagnosed with cancer. The Cancer Registry has entered more than 4,527 cases into the database since its reference year, 2011.

During 2015, 1,033 new cases were accessioned into the Cancer Registry database. Of these cases, 489 cases were analytic and 544 were non-analytic. An analytic patient is one who is diagnosed and/or receives all or part of first course of cancer treatment at Western. A non-analytic patient is one who receives subsequent cancer treatment due to progressive or recurrent disease. There were 429 male patients and 604 female patients. Western accessioned patients from 49 states, as well as four from international countries, with the largest portion of patients residing in Arizona.

The American College of Surgeons Commission on Cancer mandates that “A 90 percent follow-up rate is maintained for all analytic patients diagnosed within the last five years, or from the cancer registry reference date, whichever is shorter. A successful follow-up rate of 80 percent must be maintained on all analytic patients from the cancer registry’s reference date.” The Western Cancer Registry reference year is 2011. Western has exceeded this specified follow-up standard with a 90.52 percent follow-up rate.

The Cancer Registry staff performs the daily functions of the Tumor Registry and ensures data accuracy with continuous quality improvement reviews by Cancer Committee physicians. The Registry provides the Cancer Committee with information from which analysis of patient outcomes and evidence-informed clinical decision making can be performed.

1,033 Total Patients
at Western Regional Medical Center

429 604

489 Analytic
544 Non-Analytic
## 2016 Estimated Leading New Cancer Cases*

### Men

<table>
<thead>
<tr>
<th>SITE</th>
<th>U.S.</th>
<th>WESTERN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prostate</td>
<td>21%</td>
<td>22%</td>
</tr>
<tr>
<td>Lung</td>
<td>14%</td>
<td>10%</td>
</tr>
<tr>
<td>Colon and Rectum</td>
<td>8%</td>
<td>13%</td>
</tr>
<tr>
<td>Kidney and Renal Pelvis</td>
<td>5%</td>
<td>7%</td>
</tr>
<tr>
<td>Pancreas</td>
<td>3%</td>
<td>6%</td>
</tr>
<tr>
<td>Other</td>
<td>49%</td>
<td>42%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

### Women

<table>
<thead>
<tr>
<th>SITE</th>
<th>U.S.</th>
<th>WESTERN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breast</td>
<td>28%</td>
<td>36%</td>
</tr>
<tr>
<td>Lung</td>
<td>13%</td>
<td>9%</td>
</tr>
<tr>
<td>Colon and Rectum</td>
<td>8%</td>
<td>9%</td>
</tr>
<tr>
<td>Thyroid</td>
<td>6%</td>
<td>5%</td>
</tr>
<tr>
<td>Pancreas</td>
<td>3%</td>
<td>5%</td>
</tr>
<tr>
<td>Other</td>
<td>42%</td>
<td>36%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

*New leading cancer cases 2016. Estimates from the American Cancer Society “Cancer Fact and Figures” 2016 compared to 2016 analytic data at Western.
Accreditations and Recognitions

**National Accreditation Program for Breast Centers Reaccreditation**

In 2016, Western was reaccredited by the National Accreditation Program for Breast Centers (NAPBC) for its breast program. In 2013, Western became the first breast cancer center in the state of Arizona to receive this three-year, full accreditation. Western joins the list of fewer than 500 breast cancer centers in the United States to receive this accreditation, three of which are other CTCA hospitals.

**The Joint Commission**

Western is currently accredited by The Joint Commission with Full Standards Compliance. This accreditation decision is awarded to a health care organization that demonstrates satisfactory compliance with applicable Joint Commission standards in all performance areas. Western also earned The Joint Commission’s Gold Seal of Approval® for Lung Cancer Certification. The Gold Seal of Approval is a symbol of quality that reflects an organization’s commitment to providing safe and effective patient care. Western is the first hospital in the Southwest and just the sixth hospital in the United States to receive this esteemed designation.

**Quality Oncology Practice Initiative**

Western is currently recognized as meeting the highest standards for quality cancer care by the Quality Oncology Practice Initiative (QOPI®) Certification Program, an affiliate of the American Society of Clinical Oncology (ASCO). The QOPI Certification Program provides a three-year certification for outpatient hematology-oncology practices, and Western first received this accreditation in 2014. The QOPI Certification Program (QCP) seal designates those practices that not only score high on the key QOPI quality measures, but also meet rigorous chemotherapy safety standards established by ASCO and the Oncology Nursing Society (ONS).

**American College of Surgeons Commission on Cancer**

Western is currently accredited by the Commission on Cancer (CoC), a quality program of the American College of Surgeons (ACS), with the silver level commendation—the highest level of commendation possible for a new program. In addition, Western achieved commendation in *Clinical Trial Accrual, Cancer Registrar Education, Public Reporting of Outcomes and Nursing Care*.

**Press Ganey Guardian of Excellence Award**

In 2016, Western was recognized by Press Ganey® as a Guardian of Excellence Award℠ winner in the category of Patient Experience—Outpatient Oncology. This award recognizes outstanding hospitals that have consistently achieved the 95th percentile of performance in the realm of patient experience as gauged by the Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) survey.
Additional Accreditations

- College of American Pathologists (CAP) Laboratory Accreditation Program Clinical Laboratory Improvement Act (CLIA)
- American College of Radiology Breast Ultrasound Accredited Facility
- American College of Radiology Mammography Accredited Facility
- American College of Radiology Computed Tomography Accredited Facility
- American College of Radiology Nuclear Medicine Accredited Facility
- American College of Radiology Positron Emission Tomography Accredited Facility
- American College of Radiology Magnetic Resonance Imaging Accredited Facility
- American College of Radiology Radiation Oncology Accredited Facility
- Quality Respiratory Care Institution from the American Association for Respiratory Care

Hospital Awards 2016

- Winner of “Best of our Valley-Best Hospital Group” by Arizona Foothills Magazine
- Dr. Shauna Birdsall and Dr. Noah Horowitz named “Top Docs” by Phoenix Magazine
- Dr. Glen Weiss named “Researcher of the Year” by AZ Business Magazine
### Primary Sites

**Summary by Body System, Sex, Class and Best CS/AJCC Stage Report**

<table>
<thead>
<tr>
<th>Primary Site</th>
<th>Sex</th>
<th>Class of Case</th>
<th>Stage Distribution - Analytic Cases Only</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total (%)</td>
<td>M</td>
<td>F</td>
</tr>
<tr>
<td>ORAL CAVITY AND PHARYNX</td>
<td>37 (3.6%)</td>
<td>32</td>
<td>5</td>
</tr>
<tr>
<td>Lip</td>
<td>2 (0.2%)</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Tongue</td>
<td>19 (1.8%)</td>
<td>16</td>
<td>3</td>
</tr>
<tr>
<td>Salivary Glands</td>
<td>4 (0.4%)</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>Gum and Other Mouth</td>
<td>1 (0.1%)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Nasopharynx</td>
<td>2 (0.2%)</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Tonsil</td>
<td>7 (0.7%)</td>
<td>7</td>
<td>0</td>
</tr>
<tr>
<td>Oropharynx</td>
<td>2 (0.2%)</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>DIGESTIVE SYSTEM</td>
<td>247 (23.9%)</td>
<td>133</td>
<td>114</td>
</tr>
<tr>
<td>Esophagus</td>
<td>10 (1.0%)</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Stomach</td>
<td>23 (2.2%)</td>
<td>14</td>
<td>9</td>
</tr>
<tr>
<td>Small Intestine</td>
<td>2 (0.2%)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Colon Excluding Rectum</td>
<td>78 (7.6%)</td>
<td>36</td>
<td>42</td>
</tr>
<tr>
<td>Cecum</td>
<td>10</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Appendix</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Ascending Colon</td>
<td>4</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Hepatic Flexure</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Transverse Colon</td>
<td>5</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Sigmoid Colon</td>
<td>16</td>
<td>7</td>
<td>9</td>
</tr>
<tr>
<td>Large Intestine, NOS</td>
<td>39</td>
<td>21</td>
<td>18</td>
</tr>
<tr>
<td>Rectum and Rectosigmoid</td>
<td>34 (3.3%)</td>
<td>21</td>
<td>13</td>
</tr>
<tr>
<td>Rectosigmoid Junction</td>
<td>4</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Rectum</td>
<td>30</td>
<td>18</td>
<td>12</td>
</tr>
<tr>
<td>Anus, Anal Canal and Anorectum</td>
<td>7 (0.7%)</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Liver and Intrahepatic Bile Duct</td>
<td>25 (2.4%)</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td>Liver</td>
<td>22</td>
<td>14</td>
<td>8</td>
</tr>
<tr>
<td>Intrahepatic Bile Duct</td>
<td>3</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Gallbladder</td>
<td>4 (0.4%)</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Other Biliary</td>
<td>4 (0.4%)</td>
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<td>0</td>
</tr>
<tr>
<td>Pancreas</td>
<td>54 (5.2%)</td>
<td>26</td>
<td>28</td>
</tr>
<tr>
<td>Retroperitoneum</td>
<td>1 (0.1%)</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Peritoneum, Omentum and Mesentery</td>
<td>2 (0.2%)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Other Digestive Organs</td>
<td>3 (0.3%)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>RESPIRATORY SYSTEM</td>
<td>101 (9.8%)</td>
<td>47</td>
<td>54</td>
</tr>
<tr>
<td>Nose, Nasal Cavity and Middle Ear</td>
<td>1 (0.1%)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Larynx</td>
<td>6 (0.6%)</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>Lung and Bronchus</td>
<td>94 (9.1%)</td>
<td>41</td>
<td>53</td>
</tr>
<tr>
<td>BONES AND JOINTS</td>
<td>3 (0.3%)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>SOFT TISSUE (including Heart)</td>
<td>14 (1.4%)</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>Primary Site</td>
<td>Total (%)</td>
<td>M</td>
<td>F</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>SKIN EXCLUDING BASAL AND SQUAMOUS</td>
<td>31 (3.0%)</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>Melanoma - Skin</td>
<td>28 (2.7%)</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td>Other Non-Epithelial Skin</td>
<td>3 (0.3%)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>BASAL AND SQUAMOUS SKIN</td>
<td>5 (0.5%)</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>BREAST</td>
<td>223 (21.6%)</td>
<td>4</td>
<td>219</td>
</tr>
<tr>
<td>FEMALE GENITAL SYSTEM</td>
<td>82 (7.9%)</td>
<td>0</td>
<td>82</td>
</tr>
<tr>
<td>Cervix Uteri</td>
<td>15 (1.5%)</td>
<td>0</td>
<td>15</td>
</tr>
<tr>
<td>Corpus and Uterus, NOS</td>
<td>31 (3.0%)</td>
<td>0</td>
<td>31</td>
</tr>
<tr>
<td>Corpus Uteri</td>
<td>27</td>
<td>0</td>
<td>27</td>
</tr>
<tr>
<td>Uterus, NOS</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Ovary</td>
<td>29 (2.8%)</td>
<td>0</td>
<td>29</td>
</tr>
<tr>
<td>Vagina</td>
<td>2 (0.2%)</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Other Female Genital Organs</td>
<td>5 (0.5%)</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>MALE GENITAL SYSTEM</td>
<td>98 (9.5%)</td>
<td>98</td>
<td>0</td>
</tr>
<tr>
<td>Prostate</td>
<td>94 (9.1%)</td>
<td>94</td>
<td>0</td>
</tr>
<tr>
<td>Testis</td>
<td>4 (0.4%)</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>URINARY SYSTEM</td>
<td>62 (6.0%)</td>
<td>44</td>
<td>18</td>
</tr>
<tr>
<td>Urinary Bladder</td>
<td>20 (1.9%)</td>
<td>16</td>
<td>4</td>
</tr>
<tr>
<td>Kidney and Renal Pelvis</td>
<td>41 (4.0%)</td>
<td>29</td>
<td>12</td>
</tr>
<tr>
<td>Ureter</td>
<td>1 (0.1%)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>EYE AND ORBIT</td>
<td>1 (0.1%)</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>BRAIN AND OTHER NERVOUS SYSTEM</td>
<td>48 (4.6%)</td>
<td>18</td>
<td>30</td>
</tr>
<tr>
<td>Brain</td>
<td>45 (4.4%)</td>
<td>16</td>
<td>29</td>
</tr>
<tr>
<td>Cranial Nerves Other Nervous System</td>
<td>3 (0.3%)</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>ENDOCRINE SYSTEM</td>
<td>48 (4.6%)</td>
<td>18</td>
<td>30</td>
</tr>
<tr>
<td>Thyroid</td>
<td>45 (4.4%)</td>
<td>16</td>
<td>29</td>
</tr>
<tr>
<td>Other Endocrine including Thymus</td>
<td>3 (0.3%)</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>LYMPHOMA</td>
<td>32 (3.1%)</td>
<td>10</td>
<td>22</td>
</tr>
<tr>
<td>Hodgkin Lymphoma</td>
<td>6 (0.6%)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Non-Hodgkin Lymphoma (NHL)</td>
<td>26 (2.5%)</td>
<td>8</td>
<td>18</td>
</tr>
<tr>
<td>NHL - Nodal</td>
<td>17</td>
<td>3</td>
<td>14</td>
</tr>
<tr>
<td>NHL - Extranodal</td>
<td>9</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>MYELOMA</td>
<td>3 (0.3%)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>LEUKEMIA</td>
<td>14 (1.4%)</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Lymphocytic Leukemia</td>
<td>8 (0.8%)</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Chronic Lymphocytic Leukemia</td>
<td>7</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Other Lymphocytic Leukemia</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Myeloid and Monocytic Leukemia</td>
<td>6 (0.6%)</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>MISESTOMIOMA</td>
<td>2 (0.2%)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>MISCELLANEOUS</td>
<td>24 (2.3%)</td>
<td>10</td>
<td>14</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1,033</td>
<td>429</td>
<td>604</td>
</tr>
</tbody>
</table>
Patients by State

Alabama 3
Alaska 24
Arizona 366
Arkansas 7
California 147
Colorado 34
Connecticut 1
Delaware 2
Florida 9
Georgia 10
Hawaii 4
Idaho 15
Illinois 3
Indiana 4
Iowa 0
Kansas 19
Kentucky 1
Louisiana 6
Maine 1
Maryland 6
Massachusetts 2
Michigan 3
Minnesota 8
Mississippi 2
Missouri 13
Montana 16
Nebraska 8
Nevada 40
New Hampshire 0
New Jersey 2
New Mexico 40
New York 4
North Carolina 2
North Dakota 3
Ohio 10
Oklahoma 26
Oregon 27
Pennsylvania 7
Rhode Island 0
South Carolina 4
South Dakota 6
Tennessee 1
Texas 72
Utah 9
Vermont 1
Virginia 7
Washington 34
Washington, D.C. 1
West Virginia 3
Wisconsin 2
Wyoming 12

INTERNATIONAL
British Columbia 2
Guam 1
Mexico 1
U.S. Virgin Islands 2
Screening Programs

In 2015, Western sponsored two cancer screening events for members of the local community. The event locations, which were Mountain Park Health Center and Golden Gate Community Center, are community health centers that provide health services to low-income families in the Phoenix community. Altogether, Western provided 65 mammograms.

The first event, hosted at Mountain Park Health Center, was held in partnership with Assured Imaging, which provided mammograms for 26 women. Of those 26 mammograms, three women were sent for further testing, which ultimately led to negative results for all three women.

Mobile Onsite Mammography, which performed the mammograms at the second event at Golden Gate Community Center, screened 39 women for breast cancer with all results coming back as negative.

2 screening events sponsored in 2015

65 mammograms provided to low-income families in the Phoenix area
Comprehensive Services
Western Technologies, Treatments and Services

Cardiology
Echocardiogram (ECHO)
Cardiac Evaluations

Chemotherapy/Immunotherapy/Targeted Therapy
Bio Therapies
Chemoembolization
Chemoradiation
Chronotherapy
Genomic-based Therapy
High-Dose Chemotherapy
Immunotherapy
Interleukin-2
Intraperitoneal Chemotherapy (IPC)
Intrathecal Chemotherapy
Intratumoral Chemotherapy
Intravenous Chemotherapy
Metronomic Chemotherapy
Monoclonal Antibody Therapy
Oral Chemotherapy
Radioimmunotherapy
Targeted Drug Therapies

Chiropractic Services
Blood Flow Enhancement
Fatigue Management
Flexibility Enhancement
Joint Mobilization
Mechanical Traction
Nervous System Enhancement
Neuromuscular Reeducation
Soft Tissue Mobilization
Somato-Viscero Reflex Enhancement
Therapeutic Exercise

Critical Care
Intensive Care Unit
Invasive and Minimally Invasive Cardiac Monitoring

Diagnostics
Imaging
All Digital: Portable Fluoroscopy and X-Rays
• Barium Swallow or Enema
• Chest X-Ray
• Bone Density (Dexa)
Computed Tomography (CT) Scan
• CT Angiography with 3D CT
• CT Fluoroscopy
• Magnetic Resonance Imaging (MRI)
• MR Computer-Aided Detection (CAD)
Mammography (Full Field Digital) 3D Mammography
• Breast Needle Localization
• MRI Computer-Aided Detection (CAD) for Mammography
• MRI-Guided Breast Biopsy
• Sentinel Lymph Node Mapping and Imaging
Nuclear Medicine Imaging
• Bone Scan
• Multiple-Gated Acquisition (MUGA) Scans
• Quantitative Ventilation Perfusion Studies
Ultrasound

Laboratory and Pathology
Comprehensive Diagnostic and Therapeutic Laboratory Services for Patients (Seven Days a Week, Including Holidays)
Clinical and Anatomic Pathology
Specimen Processing
Patient Specimen Testing
Distribution of Blood and Blood Products
Bone Marrow Aspirations and Biopsy
Frozen Section and Special Stains
Immunohistochemistry Stains

Gastroenterology
Celiac Plexus Neurolysis (CPN)
Colonoscopy
Cryoablation
Endoscopic Mucosal Resection (EMR)
Endoscopic Retrograde CholangioPancreatography (ERCP) (Including for Altered Anatomy)
Endoscopic Suturing
Endoscopic Ultrasound (EUS)
Esophagogastroduodenoscopy (EGD)
Gynecologic Oncology
Ablation of Intra-Abdominal Tumors
Anterior and Posterior Colporrhaphy
Cervical and Uterine HDR Brachytherapy
Colposcopy
Cone Biopsy/Loop Electrosurgical Excision Procedure (LEEP)
Full Range of Open Laparoscopic Gynecologic Surgery
Full Range of Robotic Gynecologic Surgery
Hysterectomy
Hysteroscopy
Inguinal Lymphadenectomy
Intraperitoneal Chemotherapy
Omentectomy
Ovarian Cancer Debulking and Staging
Radical Vulvectomy

Interventional Pulmonology
Airway Stents
All Digital: Portable Fluoroscopy and X-Rays
Argon Plasma Coagulation (APC)
Autofluorescence Bronchoscopy/Fluorescence Bronchoscopy (Balloon Bronchoscopy)
Balloon Bronchoplasty
Cryotherapy
Endobronchial HDR Brachytherapy
Endobronchial Ultrasound (EBUS)
Endobronchial Valve
Fiducial Marker Placement
Indwelling Pleural Catheter
Interventional Pulmonology Procedures
Lung Nodule Analysis
Navigational Bronchoscopy
Photodynamic Therapy (PDT)

Interventional Radiology
Abscess Drainage and Fluid Collection Management
Ablation
• Cryoablation
• Irreversible Electroporation (NanoKnife*)
• Microwave Ablation
• Radiofrequency Ablation (RFA)
Angiography/Angioplasty/Stent Placements
Arterial Infusion Catheter Placement
Arteriography
Biopsy (CT-Guided, US-Guided)
• Bone Marrow
Inferior Vena Cava Filter
Intrathecal Chemotherapy Administration
Mammography
• Breast Ductography/Breast Needle Localization
Paracentesis
Percutaneous Biliary Drainage (Internal and/or External Stent Placements)
Percutaneous Gastrostomy/Gastrojejunostomy
Percutaneous Image-Guided Biopsy
Percutaneous Nephrostomy/Urology Procedures
Portal Vein Embolization
Sir Sphere® Y-90 Microsphere
Radioembolization
TheraSphere® Radioembolization
Transarterial Therapy
• Bland Embolization
• Intra-Arterial Chemotherapy (IAC)
• Radioembolization
Transjugular Intrahepatic Portosystemic Shunt (TIPS)
Venous Angioplasty/Stenting
Vertebral Augmentation (Kyphoplasty) and Vertebral Tumor Ablation
**Mind-Body Medicine**

- Counseling (Individual, Couple, Family)
- Energy Therapies (Qigong, Reiki)
- Expressive Arts (Music, Movement)
- Laughter/Humor Therapy
- Relaxation and Guided Imagery Training
- Stress Management

**Naturopathic Medicine**

- Assessment of Herb-Drug-Nutrient Interactions
- Consultation for Safe and Appropriate Use of Dietary Supplements and Botanical Medicines for Symptom Management and Quality of Life
- Evaluation, Education and Management of Natural Therapy Use for Oncology Patients Undergoing Conventional Treatment
- Counsel Patient on Appropriate and Effective Lifestyle Choices During Treatment
- For Patients in Survivorship: Evidence-informed Practices for Prevention and Continued Long Term
- Acupuncture

**Neurosurgery**

- Angiography
- Biopsy
- Brain LAB Stereotactic Radiation Surgery
- Craniotomy
- Endonasal Endoscopy
- Placement of an Ommaya Reservoir
- Shunt Placement Stereotactic Radiosurgery (SRS)

**Nutrition Therapy**

- Bioelectrical Impedance Analysis (BIA)
- Diabetes Self-Management Education Program
- Indirect Calorimetry Test
- Laboratory Blood Analysis (Nutrition Panel, Including Iron Panel, Vitamin D, Prealbumin)
- Nutrition Anthropometrics
- Nutrition Education
- Parenteral and Enteral Nutrition

**Oncology Rehabilitation**

- Acupuncture
- Auriculotherapy
- Borg Rating of Perceived Exertion (RPE)
- Fatigue Management
- Flexibility Program
- Interactive Metronome
- Lymphedema Management
- Manual Therapy (Massage Therapy)
- Neuromuscular Re-Education with Electrical Stimulation
- Occupational Therapy
- Physical Therapy
- Post-Mastectomy Rehab
- Pulmonary Rehab
- ReBuilder®
- Scar Tissue Manipulation
- Speech and Language Pathology

**Orthopedic Oncology**

- Hip and Joint Replacement
- Implants (e.g., Metal Implants, Prosthesis) and Transplants
- Limb Salvage Surgery
- Rodding/Rod Fixation

**Pain Management**

- Anatomical Landmark-Guided Procedures
- Blocks of Somatic and Visceral Cancer Pain Syndromes
- Caudal, Lumbar, Thoracic and Cervical
- Celiac Plexus Neurolysis (CPN)
- Discography
- Epidural Steroid Injection
- Facet Joint Injections
- Minor and Major Joint and Bursa Injections
- Nerve Block/Nerve Root Block
- Nerve Injections, Implanted Pain Pumps, or Nerve Stimulation Devices
- ON-Q Pain Relief System
- Patient-Controlled Analgesia (PCA) Pain Pump
- Patient-Controlled Epidural (PCEA) Pump
- Peripheral and Central Somatic Nerve and Plexus Blocks
- Transcutaneous Electric Nerve Stimulation (TENS)
- Trigger Point Injections
- Tunneled Catheter Placements (For Various Nerve Sheaths)
Radiation Oncology
Accuboost
External Beam Radiation Therapy (EBRT)
High-Dose Rate (HDR) Brachytherapy
Image Guided Radiation Therapy (IGRT)
Intensity Modulated Radiation Therapy (IMRT)
Intraoperative Radiation Therapy (IORT)
Large Bore CT/RT with Simulation
Local Hyperthermia
Radioactive Protectants
Stereotactic Body Radiation Therapy (SBRT)
Systematic Radiation Therapy
TomoTherapy® HI-ART
Varian® Linear Accelerator Triology with
RapidArc and SBRT

Spiritual Support
Assistance with Advanced Directives and/or Living Wills
Classes (that Focus on Healing, Faith and Life)
Crisis Intervention
Family Consultations
Grief and Bereavement Counseling and Referral
Interface with Local Pastor and Church
Non-Denominational Worship Service
Our Journey of Hope® Program
Prayer (Individual and Group)
Spiritual Counseling
Telephone Consultations

Surgery
Autologous Fat Grafting (Breast Reconstruction)
Breast Surgery, including Lumpectomy and Mastectomy/Breast Conservation/Reconstruction
Cytoreductive (Debulking) Surgery
da Vinci® Surgical System
Diagnostic/Staging Surgery
Enteroscopy
Head and Neck Surgery
Hyperthermic Intraperitoneal Chemotherapy (HIPEC)
Intraoperative Ultrasound
Laryngectomy with Voice Restoration Procedure
Liver Resection
Melanoma Surgery
Minimally Invasive Surgery
Neck Dissection
Neobladder Formation
Oncoplastic and Breast Reconstructive Surgery
Pancreas Resection
Reconstructive Microsurgery
Robotic Surgery
Sentinel Lymph Node Biopsy
SPY Elite System
Thoracoscopic Resections
Urological Surgery
Vascularized Lymph Node Transfer
Video-Assisted Thoracic Surgery (VATS)