

Cancers Treated and Services At-A-Glance

The University of Arizona Cancer Center at Dignity Health St. Joseph's Hospital and Medical Center combines knowledge, experience, and advanced technology with expert, dedicated staff to provide exceptional, compassionate, individualized care for patients and their loved ones. The Cancer Center's focus is patient-centered, multidisciplinary care, evidence-based diagnosis and treatment, and clinical and translational research.

CANCERS TREATED:

Breast

- Ductal
 - Ductal Carcinoma in Situ (DCIS)
- Lobular
- Invasive or Infiltrating
- Inflammatory
- Pagets Disease of the Nipple
- Breast Cancer Risk Assessment for
 - Atypical Hyperplasia,
 - Genetic Mutations,
 - Prior Exposure to Therapeutic Radiation
- Male Breast Cancer

Blood (Hematologic)

- Leukemias
 - Acute leukemia (AML, ALL)
 - Chronic leukemia (CLL, CML)
- Lymphomas
 - Hodgkin
 - Non-Hodgkin
- Plasma cell cancers
 - Multiple Myeloma
 - Waldenstrom's macroglobulinemia
 - Amyloidosis
- Myelodysplastic Syndrome

Endocrine

- Thyroid
- Adrenal
- Neuroendocrine
- Parathyroid
- Pancreas
- Pituitary

Gastrointestinal

- Colon & Rectal Robotic Surgery
- Transanal Surgery
- Appendicular/Appendix
- Esophageal
- Gastric/Stomach
- Small Bowel
- Colon/Large Bowel

- Rectal
- Anal
 - Perianal Skin Cancer or Dysplasia
- GIST (GI Stromal Tumor)

Genitourinary

- Prostate
- Bladder
- Kidney
- Adrenal
- Penile
- Testicular
- Ureter
- Urethral
- von Hippel-Lindau Disease

Gynecologic

- Cervical
- Fallopian
- Gestational Trophoblastic Disease
- Ovarian
- Peritoneal
- Uterine
- Vaginal
- Vulvar

Head & Neck

- Oral cavity
- Pharynx
 - Oropharynx
 - Tonsils
 - Tongue Base
 - Soft Palate
 - Nasopharynx
 - Hypopharynx
- Larynx
- Major and Minor Salivary Glands
- Nasal Cavity and Paranasal Sinuses

Hepatobiliary

- Liver
- Pancreas
- Gallbladder
- Bile Ducts

Skin/Cutaneous

- Advanced Basal Cell Carcinoma
- Advanced Squamous Cell Carcinoma
- Melanoma
- Advanced Merkel Cell Carcinoma
- Dermatofibrosarcoma Protuberans
- Sebaceous Cell Carcinoma
- Other Rare Skin Tumors

Soft Tissue Sarcoma

- Truncal/Extremity
- Retroperitoneal

Thoracic

- Lung
- Thymus
- Mesothelioma

SERVICES:

Cellular and Immunotherapy

- Autologous stem cell transplant

Diagnostic Imaging

- Stereotactic breast biopsy
- Ultrasound breast biopsy
- X-ray, Fluoroscopy
- Bone Densitometry
- Mammography
 - Screening and Diagnostic
 - 3D Tomosynthesis, MRI
- Ultrasound
- Computed Tomography (CT)
- Screening
 - Breast Cancer (mammography)
 - Lung Cancer Screening (low dose CT)
 - CT Colonography
- Nuclear Medicine, PET/CT

Endoscopy

Screening, diagnostic and therapeutic procedures including:

- Colonoscopy
- Flexible Sigmoidoscopy
- Esophagoscopy
- Gastroscopy
- Anoscopy
- Endoscopic Rectal Ultrasound

Genetic Counseling

Hepatological Services

- Diagnosis and medical management of primary liver cancer (hepatocellular carcinoma) and associated disorders of the liver, including cirrhosis
- Management of chemotherapy-induced effects on the liver
- Management of preexisting liver diseases in cancer patients

Infusion Services

- Chemotherapy
- Biotherapy
- Immunotherapy
- Intravesical Immunotherapy: Bacillus Calmette-Guerin (BCG)
- Intravesical Chemotherapy
- Apheresis
- Clinical Trials/Phase I, II and III
- Hydration and Electrolyte Replacement
- Symptom Management (e.g., anti-emetics and pain medication)
- Central and Peripheral IV Line Management
- Blood and Blood By-product Administration
- IV Pump Initiation and Disconnection
- Therapeutic Phlebotomy

Interventional Radiology (IR)

- Transarterial Chemoembolization (TACE) of Liver Cancers
- Transarterial Radioembolization (Yttrium-90) of Liver Cancers
- Radiofrequency Ablation of Tumors
- Microwave Ablation of Tumors
- Image Guided Biopsy
- Peripheral/Renal Angiography
- Paracentesis, Thoracentesis
- Malignant Fluid Collections
 - PleurX Catheters
- Venous Access (Ports, Tunneled Central Lines, PICC Lines)
- IVC Filter Placement
- Placement of Percutaneous Enteral Feeding Tubes
- Management of Urinary Obstructions
 - Nephrostomy Placement/Exchange
 - Nephroureteral Catheter Placement



Plastic and Reconstructive Surgery

- Head and neck reconstruction
- Facial reanimation
- Brachial plexus reconstruction
- Chest wall reconstruction
- Breast reconstruction
 - CyberKnife
 - TrueBeam
- Abdominal wall reconstruction
- Pelvic reconstruction
- Hand, upper, and lower extremity reconstruction
- Skin cancer and Moh's reconstruction
- Lymphedema

Precision Cancer Medicine

- Second opinion for refractory cancer
- Second opinion for interpretation of molecular tumor profile and genomic guided cancer therapy
- Precision medicine clinical trial opportunities

Radiation Medicine

- Brachytherapy
 - Low Dose Rate (LDR)
 - Head and Neck
 - High Dose Rate (HDR)
 - Prostate
 - Cervix
 - Uterine
 - Breast
 - Lung
 - Sarcoma
 - Head and Neck
 - Esophagus
 - Rectal
 - Biliary
 - Skin
- External Beam
 - Image-guided Radiotherapy (IGRT)
 - Intensity-modulated Radiation Therapy (IMRT)

- Stereotactic Radiosurgery (SRS)
 - Gamma Knife
 - TrueBeam
- Stereotactic Body Radiation Therapy (SBRT)
 - CyberKnife
 - TrueBeam

- Unsealed Sources
 - Radioactive Iodine (RAI) for Thyroid Cancer
 - Radium 223 (Ra-223) for Bone Metastasis
 - Yttrium-90 (Y-90) for Lymphoma
- Re-irradiation for Recurrent Tumors
- Total Skin Radiation
- Total Body Irradiation
- Total Lymphoid Irradiation

Supportive Care and Survivorship Program

- Pain and Symptom Management
- Rehabilitation
- Nutrition
- Counseling
- Psychosocial Support
- Lifestyle Management
- Speech/Swallow Function

Surgical and Minimally Invasive Surgery Services:

- Abdominal and GI
- Breast
- Ear, Nose, Throat (ENT)
- Endocrine
- Head and Neck
- Hepatobiliary
- Soft Tissue
- Thoracic
- Urologic