

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 multi-disciplinary care, evidenced-based diagnosis and treatment, and clinical and translational research.

CANCERS TREATED:

Breast

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

Endocrine

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

Gastrointestinal

- 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

- Basal Cell Carcinoma
- Squamous Cell Carcinoma
- Melanoma
- Merkel Cell Carcinoma
- Dermatofibrosarcoma Protuberans (DFSP)
- Sebaceous Cell Carcinoma
- Other Rare Skin Tumors

Thoracic

- Lung
- Thymus
- Mesothelioma

SERVICES:

Diagnostic Imaging

- X-ray, Fluoroscopy
- Bone Densitometry
- Mammography
 - Screening and Diagnostic
 - 3D Tomosynthesis, MRI
- Ultrasound
- Computed Tomography (CT)
- MRI
 - Breast MRI, MR Guided Biopsy
 - Prostate Spectroscopy
- Screening
 - Breast Cancer (mammography)
 - Lung Cancer Screening (low dose CT)
 - CT Colonography
 - Cirrhosis Hepatocellular Carcinoma Screening (MRI, CT)
- Nuclear Medicine, PET/CT



Endoscopy

Screening, diagnostic and therapeutic procedures including:

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

Genetic Counseling

Infusion Services

- Chemotherapy
- Biotherapy
- Immunotherapy
- 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)

- 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

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