

# Veterinary Medical Center Wish List

## Integrated Oncology (April 2020)

### **\$28,000 - CT Couch Top Overlay (Rad Onc) (Top priority)**

This overlay for the CT couch mimics the linear accelerator table. This makes sure that patient positioning during radiation treatment exactly duplicates the position of the planning CT scan. It provides locking mechanisms for immobilization devices to ensure exact positioning.

### **\$50,000 - ARIA Workstation and Planning License (Rad Onc)**

This is a computer workstation used to create the patient's treatment plans. We have only one station currently but are often busy enough to need to plan more than one case at a time.

### **\$10,000 – Medical, Surgical or Radiation Oncology Research Money**

Funds are often needed to supplement faculty or resident research projects. In other cases, "seed" money is needed to obtain enough preliminary data to be able to apply for further funding or justify moving forward with a project

### **\$2,500 – Send a Medical, Surgical or Radiation Oncology Resident/Faculty to an annual scientific meeting**

This allows our residents and faculty the opportunity to learn the latest information about radiation oncology and to present the results of their research.

### **\$750 – Mayo Stand (Med / Surg Onc)**

Mayo stands would be beneficial to the surgery team since, as an integrated service, we are doing more small procedures in the treatment ward. We need the stand to provide adequate space for our sterile equipment so that we eliminate as much contamination as possible in our minor procedures room.

### **\$2,000 to \$5,000 – Positioning mattresses and supplies for Linear Accelerator (Rad Onc)**

In order to precisely treat patients with Intensity-modulated radiation therapy (IMRT) or Stereotactic Radiosurgery (SRS), a custom positioning device is made for each patient.

### **\$5,000 - Indexing Bars (Rad Onc)**

These devices assist in replicating the position of immobilization devices between the CT couch overlay and the linear accelerator treatment table.

### **\$50,000 annually – Medical, Surgical or Radiation Oncology Technician**

This includes salary and benefits for one technician. The service caseload is increasing and additional staff is needed to help care for patients.

### **\$60,000 annually – Medical, Surgical or Radiation Oncology Resident**

This includes salary and benefits for one resident. In addition to teaching students and seeing patients, each one of our residents conducts a research project.

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## **\$3,000,000 – Endowed Faculty Position**

Endowments help ensure that funding is available in perpetuity for faculty. They help us recruit new talent or retain current faculty.

## **\$1,000 - Therapeutic Recovery Cushions (Med / Surg Onc)**

Improves circulation for the skin and muscles supporting and distributing the patient's weight helping relieve pain during recovery and minimizes heat loss from anesthetized patients.

## **\$1,000 – Funding for Medical, Surgical or Radiation Oncology Technician CE and Conference Travel**

This provides our technicians the opportunity to attend a conference to learn new techniques in patient care and management.

## **\$1,500 & \$2,500 – SunTech Vet20 Veterinary Blood Pressure Monitor and Blood Pressure Cuffs (Med Onc)**

Takes reliable, accurate measurements on patients in a matter of minutes with no shaving or gel required. The touch screen makes it simple to use and requires little training. It is portable and battery operated which allows it to move from treatment areas to exam rooms easily.

## **\$15,000 – Veterinary Electroporator ELECTROvet S13 (Surg Onc)**

Used for electro-chemotherapy to treat tumors such as melanoma, mast cell tumors, squamous cell carcinomas, sarcoid tumors and fibrosarcoma's in both small animal and equine patients.

## **\$40,000 – Force Triad Energy Platform (Surg Onc)**

Provides electrosurgical cutting and coagulation laparoscopically thus decreasing surgery and anesthesia time for patients. We currently have one of these machines but our caseload is growing so rapidly that we need another one.

## **\$75,000 Wireless Pilot Probe and 12mm SMX Lymphatic Mapping Probe**

This device allows surgeons to identify sentinel lymph nodes during surgery to assist in deciding what lymph nodes likely are metastatic so they can be removed.

## **\$10,000 – Custom designed head holder for positioning for IMRT and SRS (Rad Onc)**

This is used in combination with individual patient positioning devices and can be reused for each patient. There is no product available for the veterinary market, so it is custom built by Ohio State Engineering.