**ADULT HEMATO ONCOLOGY**

- Treatment offered for spectrum of haematological problems such as -
  - Benign haematological problems -
    - Anemias, bleeding disorders, platelet disorders and hemoglobinopathies
  - Haematological malignancies
    - Leukemias, Lymphomas, Multiple Myeloma, Myeloproliferative and Lymphoproliferative disorders and Bone marrow/stem cell transplantation.
- Provide leukemia induction/consolidation chemotherapy in adults.
- Provide outpatient based chemotherapy for Myeloma, Lymphoma, Myeloproliferative, lympho proliferative disorders and some types of leukemias.
- Offer state of the art Bone marrow and stem cell transplantation facilities.
- Both autologous and various types of allogenic stem cell transplantation (syngenic, related, unrelated, cord and haploidentical to name a few) performed.
- Donors can be family members and have only 50% match and the immune system can be manipulated to give successful results.
- State of the art infrastructure
  - Dedicated BMT rooms.
  - HEPA filtered pressure controlled rooms
  - Stem cell collection and storage facilities.
  - Blood banking including apheresis unit
  - Laboratory facilities with cytogenetic capability
  - We perform transplant procedures on par with international centers.

**PEDIATRIC ONCOLOGY**

- Treat and cures children up to 18 years of age with cancer and blood diseases
- Understand special needs of children with cancer.
- Provide comprehensive and compassionate care from diagnosis through recovery.
- Comprehensive Oncology Services include -
  - Diagnostic evaluation
  - OP based, Day care or IP based chemotherapy.
  - Extensive psychological and social support and palliative carer services.
  - Cancers treated in the Department includes Pediatric Leukemia (ALL, AML, CML), Lymphomas (non-hodgkin's and hodgkin's), as well as all Pediatric solid Tumors like Neuroblastoma, Wilms Tumor, Bone and Soft Tissue Sarcoma, Brain Tumor, Hepatoblastoma.
  - Survivor clinic comprising of clinical psychologist, cardiologist, endocrinologist and dietician to promote the long term health of cancer survivors.

**ONCOLOGY FACILITIES AT SRMC**

**A) DIAGNOSTIC FACILITIES**

- ONCO PATHOLOGY
- MOLECULAR BIOLOGY
- GENETICS

**RADIOLOGY (CT, MRI & MAMMOGRAM)**

- NUCLEAR MEDICINE (WITH PET CT)
- CANCER SCREENING

**B) TREATMENT FACILITIES**

- SURGICAL ONCOLOGY
- RADIATION ONCOLOGY (TELETHERAPY & BRACHYTHERAPY)
- MEDICAL ONCOLOGY
- ADULT HEMATO ONCOLOGY
- PEDIATRIC ONCOLOGY
- PEDIATRIC HEMATO ONCOLOGY

**TIMINGS : 8 AM TO 3 PM (MONDAY-SATURDAY)**

**LOCATION**

E 1 SRI NPV RAMASWAMY UDAYAR BLOCK

**CONTACT NUMBER : 044-45928548 EXTN: 316.**
INTRODUCTION TO CANCER
- Increasing incidence.
- Third commonest disease.
- Causes –
  - Changing Lifestyle
  - Habits (Tobacco and alcohol consumption).
  - Dietary causes.
- Problems –
  - Lack of awareness
  - Delay in diagnosis
  - Inadequate treatment facilities
- Need of the hour –
  - Comprehensive multimodality team approach.
  - Proper staging
  - Tumour board based treatment plan formulation
- Treating specialities –
  - Surgical Oncology
  - Radiation Oncology
  - Medical Oncology
  - Pediatric Oncology
  - Adult hemato Oncology
  - Pediatric hemato Oncology

"Today Sri Ramachandra Medical Center is one of the few multi speciality hospitals offering comprehensive state of the art diagnostic and treatment facilities for cancer patients of all age groups under one roof."

SURGICAL ONCOLOGY
- Our approach to Cancer surgery -
  - Decisive
  - Meticulous
  - Never hasty and never desperate.
  - Our strength – Organ preserving surgery
  - Laparoscopic surgery
  - Reconstructive surgery
  - Limb salvage surgery
  - Cranio fascial surgery
  - Team of diverse specialists in surgery comprising of Surgical Oncologists, Plastic surgery, Neuro surgery, Orthopedic surgery, Surgical Gastroenterology, Urology and Oro Fascio Maxillary surgery.
  - Excellent pre op and post op care team headed by highly experienced anesthesists and critical care specialists and intensivist.
  - Rehabilitative team comprising of physiotherapy and speech therapy.

RADIATION ONCOLOGY
FEATURES
- State of the art world class radiotherapy facility.
- 160 leaf MLC agility with highest leaf speed. (first in the state)
- Robotic 6D couch – Hexapod facility.
- Ultrasound guided image verification – CLARITY (first in the state)
- 18 channel HDR Microselectron for Brachytherapy
- Highest precision in treatment
- Faster treatment time.
- Safer treatment

TREATMENT OFFERED
- 3D Conformal RT
- IMRT
- IGRT
- VMAT
- Stereotactic RT (SRS, SRT, SBRT)
- Brachytherapy.

The medical center also offers IP services for out station patients availing radiotherapy as well as IP services for patients needing supportive care for Radiotherapy related side effects.

MEDICAL ONCOLOGY
- World class infrastructure
- Chemotherapy and biological therapy offered for adult solid tumors
- Treatment based on standard international protocols.
- Dedicated day care facility, general wards and private rooms available
- Dedicated Biological safety cabinet facility for reconstituting chemotherapy drugs.
- All rooms are Hepafiltered pressure controlled with strict asepsis control.
- Procedures such as Bone Marrow biopsy and Intra thecal chemotherapy done.
- ICU facilities available for supportive care for chemotherapy related complications.
- Blood bank with apharesis and Peripheral stem cell transplant capability.