



TATA MEMORIAL CENTRE
HOMI BHABHA CANCER HOSPITAL, VARANASI
(Under the Department of Atomic Energy, Government of India)



LIST OF ONGOING PROJECTS AT HBCH/MPMMCC, VARANASI

S. N.	Principal Investigator (PI)	Project Title
1.	Dr. Abhishek Shinghal	Elective Para-Aortic Vs Pelvic Only Irradiation in Pelvic Node Positive Cervical Cancer: An Open Labelled Phase III Randomized Study [EPIC STUDY].
2.	Dr. Abhishek Shinghal	Elective Para-Aortic Vs Pelvic Only Irradiation in Pelvic Node Positive Cervical Cancer: An Open Labelled Phase III Randomized Study [EPIC STUDY].
3.	Dr. Ajay Choubey	To study the pattern of presentation and care in cases of carcinoma esophagus presenting at a tertiary care centre in North India.
4.	Dr. Ajay G. V	Correlation of Radiation dose to the peri-tumoral Edema volume and Symptoms with Quality of life in High-grade Gliomas (CRESH Study).
5.	Dr. Akhil Kapoor	A two-arm randomized open label Phase II clinical trial to assess the efficacy of Gemcitabine cisplatin or Capecitabine and Concurrent chemoradiation in Operated stage II & III GB cancer (GECCOR-GB)
6.	Dr. Akhil Kapoor	Tripal metronomic therapy versus physicin choice chemotgerapy after failure of platinum-based therapy in squamous cell head and neck cancer: A phase 3 randomized open-label study.
7.	Dr. Akhil Kapoor	Trastuzumab in HER2 positive advanced Biliary tract cancers-single arm pros.pestive phase II clinical trial (TAB trial)
8.	Dr. Akhil Kapoor	A randomized controlled trial of therapeutic monitoring-based dosing strategy versus standard dosing strategy of Sunitinib in metastatic renal cell carcinoma.
9.	Dr. Akhil Kapoor	To assess the efficacy of low dose Abiraterone (250 mg) once daily taken along with food in comparison to fasting state in patients with Metastatic Castrate Resistant Prostate Cancer



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10.	Dr. Akshay Batra	An audit of blood ordering schedule of patients operated for abdominal cancer at a Tertiary Care Oncology centre.
11.	Dr. Akshay Batra	A questionnaire-based study on motivational profile of voluntary non-remunerated platelet donors at a tertiary-care cancer hospital.
12.	Dr. Anuj Gupta	A two-arm randomized open label prospective design superiority Phase III clinical trial to compare the efficacy of Docetaxel-oxaliplatin-capecitabine/5 fluorouracil (DOC/F) followed by Docetaxel versus Oxaliplatin-Capecitabine/5 fluorouracil (CAPOX/mFOLFOX-7) in advanced Gastric Cancers (DOC-GC).
13.	Dr. Aseem Mishra	Impact of Tumor budding and changes in epithelial mesenchymal transition on other adverse histopathological factors and loco-regional control.
14.	Dr. Aseem Mishra	Nutritional assessment in Oral cancer patients and nutritional factors responsible for postop morbidity.
15.	Dr. Aseem Mishra	A Cluster Randomized trial to assess the effectiveness of different tobacco intervention methods for tobacco cessation.
16.	Dr. Aseem Mishra	Intra-operative gross examination versus frozen section for achievement of adequate margin in patients undergoing surgery for oral cavity squamous cell carcinoma: A randomized controlled trial.
17.	Dr. Avinash Gupta	Expression of Programmed cell death protein 1 (PD-1) on various T cell subsets and PD-L1 expression on blasts in bone marrow aspirate of adult B ALL cases, its prognostic significance and correlation with minimal residual disease.
18.	Dr. Bal Krishna Mishra	Carboplatin/paclitaxel versus cisplatin/5-fluorouracil as definitive chemo radiotherapy for locoregionally advanced unresectable esophageal and gastroesophageal junction
19.	Dr. Divya Khanna	Health care professionals' awareness of the Medical cause of death certification and ICD-10 coding system for assigning COVID-19 related deaths in cancer patients.



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20.	Dr. Divya Khanna	Assessing the effect of COVID-19 Pandemic on Cancer-related care and the challenges faced by Cancer Patients in Treatment completion in a Tertiary Cancer Hospital of Varanasi district.
21.	Dr. Durgatosh Pandey	Phase I study of safety and feasibility of Ayurvedic oral cannabis preparation in the peri-operative period in hepatobiliary and pancreatic cancers.
22.	Dr. Ipsita Dhal	Expression of Her2/Neu and Ki-67 proliferation index in gall bladder carcinomas: Clinicopathological significance.
23.	Dr. Ipsita Dhal	Expression of Androgen receptor and PDL-1 in triple negative breast cancer: Clinicopathological and prognostic significance.
24.	Dr. Ipsita Dhal	Study of tumor budding in invasive breast cancer and its correlation with clinical and other histopathological parameters
25.	Dr. Ipsita Dhal	An analysis of Pediatric round cell tumors highlighting the spectrum of differential diagnosis.
26.	Dr. Neha Singh	Utility of Leukemia associated Immunophenotypes in Minimal Residual Disease and immune escape mechanisms in predicting prognostic outcome in Adult Acute Myeloid Leukemia patients
27.	Dr. Neha Singh	Lymph nodal tissue flow cytometry: Assay standardization, antibody panel validation for stratifying Hodgkin and Non-Hodgkin lymphoma and identifying pitfalls in diagnosis
28.	Dr. Neha Singh	Role of Circulating Tumor cells in lung adenocarcinomas by flow cytometry.
29.	Dr. Pankaj Chaturvedi	The efficacy of conventional screening versus mHealth screening in early detection of oral potentially malignant disorders and oral cancer amongst the rural population of Varanasi: A Prospective and blinded study.
30.	Dr. Rahul Sarode	A pilot study to assess the prevalence of high risk HPV 16 ,18,31 and 45 among elderly women diagnosed with cervical cancer.
31.	Dr. Rahul Sarode	Audit for validation of Hospital Antibigram in a Tertiary Care Cancer Hospital.



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32.	Dr. Rahul Sarode	An Audit of Hand Hygiene Compliance and Environment surveillance of high touch surface areas in an Oncology Tertiary Care Institute.
33.	Dr. Rahul Sarode	KAP gap analysis for Needle Stick Injury and Hospital Biomedical waste management in a tertiary care oncology
34.	Dr. Rajesh Dikshit	Development of Breast Cancer risk prediction model using lifestyle factors and polygenic risk score in Indian Population
35.	Dr. Rajesh Dikshit	A New method of Cervical Cancer Screening in Low and Middle income Countries(LMIC): Training and Technical validation of Automated Visual Evaluation(AVE) in India.
36.	Dr. Rajesh Dikshit	A survey to assess the feasibility of acceptance of HPV screening by self-sampling by ASHA workers
37.	Dr. Rajni Sharma	Quality of Life (QoL) Among Ostomized Patients-a cross-sectional study.
38.	Dr. Satyajit Pradhan	Grid Oncology: Remaking Cancer Care in India (GO Study).
39.	Dr. Satyajit Pradhan	Rapid Palliation in Locally Advanced Cervical Cancer: A Phase III randomized trial (RAPPAL Study)
40.	Dr. Satyajit Pradhan	Phase 3 randomized trial comparing Perioperative therapy (preoperative chemo v/s CTRT) in locally advanced gall bladder cancers (POLCA-GB)
41.	Dr. Sharayu Mhatre	Evaluating The Role of Genetic Susceptibility for Oropharynx cancer in Indian Origin Population: a case-control study using the candidate Gene approach
42.	Dr. Sharayu Mhatre	Identification of risk factors and its correlation with somatic mutational signature in oral pre-cancer and cancers for risk prediction and early detection
43.	Dr. Shashikant C.U. Patne	Immunohistochemical expression of HER2, p53 and PD-L1 in EBV positive and EBV negative gastric & gastroesophageal junction adenocarcinomas
44.	Dr. Shashikant C.U. Patne	Tumor budding score in gall bladder adenocarcinoma: A retrospective analysis
45.	Dr. Shreyasi Ray	Barriers and facilitators to adoption and practice of clinical-practice-guidelines by anesthesiologists in India.



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46.	Dr. Somnath Dey	ECHO Telementoring to Improve Quality Palliative Care in underserved Areas of Zambia, Kenya, Nigeria, Ghana, South Africa and India.
47.	Dr. Soumitra Saha	A Qualitative Study to Explore the Factors Influencing Health Seeking Decisions and Treatment Completion in Pediatric Malignancy.
48.	Dr. Soumitra Saha	Retrospective Analysis of Childhood Renal tumors Treated in a Tertiary Cancer Centre from North India.
49.	Dr. Sujit Bharti	Antimicrobial susceptibility profiling of multi drug resistant Gram-negative bacilli with special reference to Ceftazidime-Avibactam and Ceftriaxone-Sulbactam with EDTA.
50.	Dr. Sujit Bharti	Health-care Associated Infections: Epidemiology, prevention and Control in a tertiary level Oncology centre in Northern India.
51.	Dr. Vijeta Bajpai Batra	Infection Prevention and Control (IPC)-Capacity Building-Orientation Training for COVID-19 Preparedness and IPC for Healthcare Facilities.
52.	Dr. Vijeta Bajpai Batra	Multidrug-resistant bloodstream infections in hematological cancer patients; epidemiological, clinical and microbiological features.
53.	Dr. Vijeta Bajpai Batra	Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India.
54.	Dr. Vikramjit S. Kanwar	Response-Adapted Management of Childhood Classical Hodgkin Lymphoma (cHL) and Early Response Assessment by Positron Emission and Computerized Tomography (PET-CT) to allow Omission of Radiotherapy in Indian Children Treated with a Standard of Care Intensified Chemotherapy regimen.
55.	Dr. Vikramjit S. Kanwar	InPOG-18-01: India Neuroblastoma Registration Study
56.	Dr. Zachariah Chowdhury	Clinicopathological and prognostic significance of VEGF expression and p53 mutation in gallbladder carcinoma.
57.	Dr. Zachariah Chowdhury	A clinicopathologic analysis of T cell Non Hodgkin lymphomas at extranodal sites highlighting the diagnostic conundrums



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58.	Mr. Avadhesh Kumar Yadav	A feasibility study to assess the impact of structured training program about tracheostomy care at home on attitude and practices of caregivers at home.
59.	Mr. Avadhesh Kumar Yadav	Impact of a structured training program regarding Care of Patients with Chest Tube Drainage in terms of knowledge and practices of Nurse working in a tertiary care cancer centre in north India.
60.	Mr. Avadhesh Yadav	Retrospective analysis to evaluate the utilization of operation theatre time at newly developed oncology super Specialty Hospital in north india.
61.	Mr. Bhavesh P. Bandekar	An Observational study of the common errors made by principal investigator and lacunae found during submission to ethics committee in tertiary oncology centre in eastern Uttar Pradesh region.
62.	Mr. Narender Kumar	Comparing Rapid arc with 3DCRT planning in High-Grade Gliomas: A dosimetric study to define criteria for selection of future treatment technique.