

## **INTRODUCTION:**

The recent report published by the World Health Organization, Cancer will be the leading cause of morbidity and mortality world wide with approximately 15 million new cases and 8.2 million cancer deaths in 2012. The no. of new cases are expected to rise by about 70% over the next decades. As per Indian population data the ratio of mortality due to Cancer is high and alarming. Cancer is the second most common disease in India responsible for maximum mortality with about 3 Lakhs deaths per year. The world Cancer day theme of "Not Beyond Us" with message of achieving treatment for all. "We can I can" with message to build a quality cancer work force.

Yenepoya University envisages playing a leadership role in the process of organising oncological services in this geographical region. Thus envisaging developing oncology to amalgamate clinical skills, teaching and research with the start of Post doctoral training in Surgical Oncology.

Central Library: **Oncology Section:** 170 Oncology text books; 122 Oncology reference text books; 88 Oncology specific e journals; and 6 hard copies of Oncology journals viz. Haematology/Oncology clinics of North America, Cancer Journal, Cancer Nursing, Journal of Cancer research and therapeutics, Indian Journal of Cancer & Oral Oncology.

## **Surgical Oncology Department:**

The department of Surgical Oncology has more than 20 inpatient beds with adequate support of Surgical Intensive Care Beds and Modular Operation Theatre and other required facilities. The department is supported by the Medical Oncology unit having more than 30 beds.

## **Infrastructure and Equipments :**

The department has full fledged equipments required to train the M.Ch. students

- Diagnostic facilities like good pathology Lab with Onco pathologist
- Colonoscope, Upper GI Endoscope
- 03 modular well equipped operation theatres with facility to operate all major surgeries .
- 3D Laparoscopy Unit
- Da - vinci Robo for Robotic thoracic and abdominal procedures

## Publications:

2013-2016	
1	Nasolabial flaps : A series of 30 cases, <b>Dr. Jalaluddin Akbar</b> , Indian Journal of Applied Research, ISSN No.2249-555X Vol.7/Issue-1/January 2017/ISSN-2249-555X/IF:3919/IC Value:79.96 January 2017
2	Post Operative Wound Complication in Ma-Jor Abdominal Surgeries By Using Porlen, Pds 11 and Pds Plus Suture Material, <b>Dr. Jalaluddin Akbar</b> , Indian Journal of Applied Research ISSN No:2249-555X Vol.6/Issue:10/October 2016/ISSN-2249-555X/IF:3.919/IC Value:74.50 October 2016.
3	Downregulation of S100 Calcium Binding Protein A9 in Esophageal Squamous Cell Carcinoma. Pawar H, Srikanth SM, Kashyap MK, Sathe G, Chavan S, Singal M, Manju HC, Kumar KV, <b>Vijayakumar M</b> , Sirdeshmukh R, Pandey A, Prasad TS, Gowda H, Kumar RV. Scientific World Journal. 2015;2015:325721.
4	Report from a symposium on catalyzing primary and secondary prevention of cancer in India. Krishnan S, Dhillon PK, Bhadelia A, Schurmann A, Basu P, Bhatla N, Birur P, Colaco R, Dey S, Grover S, Gupta H, Gupta R, Gupta V, Lewis MA, Mehrotra R, McMikel A, Mukherji A, Naik N, Nyblade L, Pati S, Pillai MR, Rajaraman P, Ramesh C, Rath GK, Reithinger R, Sankaranarayanan R, Selvam J, Shanmugam MS, Shridhar K, Siddiqi M, Squiers L, Subramanian S, Travasso SM, Verma Y, <b>Vijayakumar M</b> , Weiner BJ, Reddy KS, Knaul FM. Cancer Causes Control. 2015 Nov;26(11):1671-84.
5	LC-MS-based serum metabolomic analysis reveals dysregulation of phosphatidylcholines in esophageal squamous cell carcinoma. Mir SA, Rajagopalan P, Jain AP, Khan AA, Datta KK, Mohan SV, Lateef SS, Sahasrabuddhe N, Somani BL, Keshava Prasad TS, Chatterjee A, Veerendra Kumar KV, <b>VijayaKumar M</b> , Kumar RV, Gundimeda S, Pandey A, Gowda H. J Proteomics. 2015 Sep 8;127(Pt A):96-102.
6	Identification of differentially expressed serum proteins in gastric adenocarcinoma. Subbannayya Y, Mir SA, Renuse S, Manda SS, Pinto SM, Puttamallesh VN, Solanki HS, Manju HC, Syed N, Sharma R, Christopher R, <b>Vijayakumar M</b> , Veerendra Kumar KV, Keshava Prasad TS, Ramaswamy G, Kumar RV, Chatterjee A, Pandey A, Gowda H. J Proteomics. 2015 Sep 8;127(Pt A):80-8.
7	Calcium calmodulin dependent kinase kinase 2 - a novel therapeutic target for gastric adenocarcinoma. Subbannayya Y, Syed N, Barbhuiya MA, Raja R, Marimuthu A, Sahasrabuddhe N, Pinto SM, Manda SS, Renuse S, Manju HC, Zameer MA, Sharma J, Brait M, Srikumar K, Roa JC, <b>Vijaya Kumar M</b> , Kumar KV, Prasad TS, Ramaswamy G, Kumar RV, Pandey A, Gowda H, Chatterjee A. Cancer Biol Ther. 2015;16(2):336-45.
8	Phosphotyrosine profiling identifies ephrin receptor A2 as a potential therapeutic target in esophageal squamous-cell carcinoma. Syed N, Barbhuiya MA, Pinto SM, Nirujogi RS, Renuse S, Datta KK, Khan AA, Srikumar K, Prasad TS, <b>Vijayakumar M</b> , Kumar RV, Chatterjee A, Pandey A, Gowda H. Proteomics. 2015 Jan;15(2-3):374-82.
9	Cancer research in India: national priorities, global results. Sullivan R, Badwe RA, Rath GK, Pramesh CS, Shanta V, Digumarti R, D'Cruz A, Sharma SC, Viswanath L, Shet A, <b>Vijayakumar M</b> , Lewison G, Chandy M, Kulkarni P, Bardia MR, Kumar S, Sarin R, Sebastian P, Dhillon PK, Rajaraman P, Trimble EL, Aggarwal A, Vijaykumar DK, Purushotham AD. Lancet Oncol. 2014 May;15(6):e213-22.
10	Delivery of affordable and equitable cancer care in India. Pramesh CS, Badwe RA, Borthakur BB, Chandra M, Raj EH, Kannan T, Kalwar A, Kapoor S, Malhotra H, Nayak S, Rath GK, Sagar TG, Sebastian P, Sarin R, Shanta V, Sharma SC, Shukla S, <b>Vijayakumar M</b> , Vijaykumar DK, Aggarwal A, Purushotham A, Sullivan R. Lancet Oncol. 2014 May;15(6):e223-33.

11	Esophagectomy for cancer of the esophagus. A regional cancer centre experience. <b>Vijayakumar M</b> , Burrah R, Hari K, Veerendra KV, Krishnamurthy S. Indian J Surg Oncol. 2013 Dec;4(4):332-5. doi: 10.1007/s13193-013-0260-9.
12	Evaluation of protein expression pattern of stanniocalcin 2, insulin-like growth factor-binding protein 7, inhibin beta A and four and a half LIM domains 1 in esophageal squamous cell carcinoma. Kashyap MK, Pawar HA, Keerthikumar S, Sharma J, Goel R, Mahmood R, <b>Vijayakumar M</b> , Kumar KV, Pandey A, Kumar RV, Prasad TS, Harsha HC Cancer Biomark. 2012-2013;12(1):1-9.
13	Renal angiomyolipoma - sarcomatous transformation and cavoatrial extension. Pingali S, <b>Vijayakumar M</b> , Rao PS, Rakesh R, Mukherjee G. Indian J Surg Oncol. 2013 Mar;4(1):27-9.
14	Trends in oesophagus and Stomach cancer incidence in Bangalore, India. Gopala Krishnappa BR, Vijay CR, Ramesh C, Bapsy PP, Kumar MU, <b>Vijayakumar M</b> , Supe SS. Gulf J Oncolog. 2013 Jan;1(13):42-50.
15	Ovarian Gonadoblastoma with Dysgerminoma in young girl with 46xx karyotype,a case report, <u>Deepa V Kanagal</u> , <sup>1</sup> <u>Kishan Prasad</u> , <sup>2</sup> <u>Aparna Rajesh</u> , <sup>3</sup> <b>Rohan G Kumar</b> , <sup>4</sup> <u>Sara Cherian</u> , <sup>5</sup> <u>Harish Shetty</u> , <sup>6</sup> and <u>Prasanna Kumar Shetty</u> <sup>7</sup>  Journal of Clinical and Diagnostic Research,2013 Sep,Vol 7,issue 9.
16	Giant Inflammatory Variant of Well Differentiated Liposarcoma of Retroperitoneum,a case report, <u>Shubha P. Bhat</u> , <u>Kishan H. L. Prasad</u> , <b>Rohan Shetty</b> , <u>Rajesh Ballal</u> , <u>Sunil Y. Kumar</u> , and <u>Panna Hegde</u> , Indian Journal of Surgical Oncology, Sep 2013, Vol 4, issue 3.
17	Neoplastic Parkinsonism,an Illustrative case report, <u>Lekha Pandit</u> , <u>Ananthan Raghotham</u> , <sup>1</sup> <u>Yasha Chickabasaviah</u> , <sup>2</sup> <u>Ganesh Khandige</u> , <sup>3</sup> and <b>Rohan Kumar Shetty</b> <sup>4</sup>  Annals of Indian Academy of Neurology,2013 Jul-Sep,Vol 16,issue 3.
18	Xeroderma Pigmentosa with multiple cutaneous Malignancies,A Rare Case report and Review of literature, <b>Rohan Shetty</b> , Girish B.S. , Rajesh Ballal , Harish S. Permi ,  Pramodh Makannavar & Vinay Alva, Nitte University Journal of Health Science,Vol 3,No 1 Mar 2013
19	Aggressive Mesenteric Fibromatosis, A Rare case report and review of literature, <b>Rohan Shetty</b> , Shubha Bhat , Rajesh Ballal , Pramod Makannavar & Anil Kumar K.N.  Nitte University Journal of Health Science,Vol 3,No 1 Mar 2013