

## **SURGICAL ONCOLOGY**

### **Annual Report for the year 2008.**

The Department of Surgical Oncology is a major department in the Institute where all major, supra-major surgeries are performed. The department consists of 3 units, headed by Professors of more than 20 years standing. Each unit is assisted by an Associate Professor, Assistant Professor, and Resident Surgeons. Majority of them are qualified surgical oncologists. The department is also conducting super-specialty courses (M.Ch. in surgical oncology) since 1989. Every year 2 M.Ch. students selected by RGUHS are posted in our department.

Most of the medical colleges in Karnataka depute their surgical post graduates for 2-month training in the department of Surgical Oncology. Regular Subject Seminars, Journal Clubs, Basic Sciences classes are conducted to all these students apart from giving them practical training in performing surgeries. Bangalore Surgical Society Meeting was organized in July 2008 in the institute where 12 papers from the department were presented. The only addition is the Laparoscopic unit to the department of surgical oncology. A proposal of indent for orthopedic instruments for limb conserving surgery, replacement of equipments to major operation theatre is yet to be cleared.

The Department of Surgical Oncology consists of 3 Professors, 3 Associate professors, and 4 Lecturers, assisted by Resident Surgeons after completing their MS in General Surgery. At present the number of resident surgeons is not adequate to manage the increasing demand of the department. A request has been made to the administration to advertise for the post of Resident Surgeons as was done earlier.

#### **The details of research activities are:**

**Unit 1:** Use of Sutant/Capacetabine in breast cancer

**Unit 3:**

1) A novel method of treating Esophageal Cancers by intra-tumoral injection of Paclitaxol (Oncogel). 16 patients have completed the trial, 4 more are awaiting recruitment. The overall results are encouraging. One patient who underwent Esophagectomy showed no tumor in the Esophagus. Follow-up is in progress for these patients for their long-term benefits.

2) Treatment of Lymphedemas of upper limb following treatment of breast cancer. 65 patients are recruited, 40 patients have completed 3 months of treatment and another 25 patients are to be recruited before analyzing the results. The treatment included a Homeopathic medicine used in Germany for Lymphedemas of benign tumors.

3) Use of Aromatase inhibitors for early breast cancer – an observational study. Aromasin is used instead of Tamoxifen or switched over from Tamoxifen to Aromasin after 2 years of Tamoxifen treatment. 10 patients are already being recruited. The advantages of Aromasin will be analyzed after a prolonged survival of 2 – 3 years.

Two more new projects for recurrent/ resistant breast cancers and advanced Hepatocellular Carcinoma are under proposal.

**Dr. V. Deshmane:**

- attended the trial meet in Singapore
- taking part in educating public on breast cancer awareness

**Dr. S Krishna Murthy:**

- attended ASCO 2008 at Chicago – abstracts of 2 Papers published in ASCO 2008
- attended a trial meet on Oncogel (oesophageal cancer ) in February 2008 at Czech Republic
- delivered a lecture on management of early breast cancer at Cochin Oncology Meet 2008.

**Statistics:**

	<b>Surgical 1</b>	<b>Surgical 2</b>	<b>Surgical 3</b>
No. of New Cases	2,522	2,369	1,692
No. of Admissions	1,934	983	3,696
No. of Surgeries performed	483	580	608
No. of Follow-up cases	13,403	9,952	12,401
Revenue from operations	Rs.11,87,240/-	Rs.18,11,290/-	Rs.26,00,970/-
No. of Deaths	57	36	81

**This is for your information.**

**HOD of Surgery  
(Dr. V. Deshmane)**