

Krishna Vishwa Vidyapeeth

(Deemed to be University), Karad

Curriculum for the Fellowship in

Urologic Oncology

Duration 1 year

- **Preamble:**

Urologic oncology is a subspecialty of urology focusing on the evaluation and treatment of patients with malignancies of the genitourinary tract, including the adrenal gland.

- **Eligibility Criteria(Qualification):**

- M.S. General Surgery

- **Objectives**

During the Urologic Oncology Fellowship, you have the opportunity to perform and lead basic science or clinical research & clinical training.

- **Goals of Training:**

- Fellowship programs designed to educate fellows in the evaluation and treatment of urologic cancers to include an understanding of the molecular mechanisms of cancer development and progression, urologic cancer pathology, radiation and chemotherapy treatments, surgical management options and supportive care. Also to provide education in reconstruction of the genitourinary tract.
- Surgical training during the clinical year will include adequate exposure to both minimally invasive and open surgical procedures.

- **Syllabus/Course content :**

- I. **Clinical Training :**

- Clinical training focuses on minimally invasive and open approaches to the full spectrum of urologic oncology cases. Fellows have full responsibility for running inpatient and outpatient urology services and actively participate in surgery.
- Experience with urologic oncology clinical trials and translational research is also available, providing exposure to the medical and surgical aspects of treating advanced urologic malignancies, especially renal cell carcinoma, bladder cancer and testicular cancer.
- Fellows assist in teaching urology residents and attend urology oncology multidisciplinary conferences. Full participation in the academic lecture program within the Department of Urology is expected.

- II. **Didactic Training :**

- Clinical conferences, seminars, small discussion groups, journal clubs and one-on-one instruction are integral parts of this fellowship.

III. Research:

The candidate must try to publish at least one research paper in one year.

• Evaluation:

- To ensure that the fellow acquire adequate knowledge and develop appropriate technical skills, individual performance is monitored carefully during the Urologic Oncology Fellowship. The fellow is formally evaluated by supervising faculty members on a regular basis and meet with the program director to review these evaluations.

• Syllabus

▪ Kidney cancer

- Partial nephrectomy
- Radical nephrectomy
- Radical nephrectomy with IVC thrombectomy
- Nephroureterectomy

▪ Prostate cancer

- Radical prostatectomy

▪ Bladder cancer

- TURBT
- Radical cystectomy
- Continent and non-continent urinary diversion Bladder cancer
- TURBT
- Radical cystectomy
- Continent and non-continent urinary diversion

▪ Testicular cancer

- High inguinal Orchiectomy
- Primary and post-chemotherapy RPLND

▪ Penis cancer

- Partial Penectomy
- Total Penectomy
- Inguinal LN dissection

▪ Adrenal cancer

- Partial (or cortical-sparing) adrenalectomy
- Open adrenalectomy

▪ Pediatric Uro-oncology

- TRUS guided prostate biopsy

▪ Robotic & Laparoscopic Procedures

▪ Chemotherapy & Radiotherapy

- IMRT & IGRT for prostate cancer
- **Journals:**
 - Indian J Urology
 - Journal of Urology
 - British J Urology
 - European Urology
 - Urological Internationals
 - Scandinavian J Urology & Nephrology
- **Periodicals**
 - Urological Clinics of North America
 - Seminars in Urology
 - World J Urology
 - Recent advances in Urology

ASSESSMENT:

- Theory examination
- Practical Examination: Long case structured assessment, Short case structured assessment, OSCE/ OSPE examination,
- Oral structured viva voce examination
- Logbook



Duration of the Program : 1 year

Tuition Fee of the Program : USD 2000

