

## **FELLOWSHIP IN HAND SURGERY**

### **1. Information Related to Course Content :**

The human hand is a marvellous piece of engineering. Not only is it a precise and dextrous prehensile organ but is also a very important organ for sensory input. The integrity and appropriate functional balance of all elements viz. skeletal, muscle and tendon, neurovascular and highly specialized skin, is vital for a properly functional hand. It is a means of earning livelihood and by virtue of its function it is exposed most to trauma, apart of course, from the myriad of congenital anomalies, and infections and degenerative conditions it is so commonly subject to. Skilled, experienced, committed and comprehensive management are required to prevent functional and financial ruin of the patient, a situation seen fairly frequently as a result of inept management. Hence proper training for the surgeon to manage hand problems is vital.

Dr DY Patil Medical College and Hospital, Pimpri, Pune, is located close to the Industrial belt of Pimpri Chinchwad and Bhosari. The number of cases of hand injuries from the industrial units from this area reporting to the hospital every day is very sizeable. Dr DY Patil Medical College and Hospital is equipped with all the modern facilities and expertise for investigation and comprehensive, one-stop management of these hand injuries. Thus the proposed Hand Surgery programme will not only bring recognition to Dr DY Patil Medical College and Hospital as a **centre of excellence** but will also bring significant revenue to the hospital.

The Department of Plastic, Reconstructive and Aesthetic Surgery and Burns at Dr DY Patil Medical College and Hospital is fully equipped and capable to manage all conditions pertaining to the hand. It has faculty which is trained in Microsurgery and Hand Surgery, who are authoritative on congenital anomalies of the hand, with publications and presentations in national and international congenital hand forums and have contributed to development of new surgical techniques. The workload pertains to trauma, congenital anomalies and infectious and degenerative conditions of the hand, all of which the faculty is familiar with. The faculty is capable and commits to conducting an all round training programme in Hand Surgery which will encompass all aspects of the assessment and management of skeletal, soft tissue, micro-neuro-vascular restoration and reconstruction, as well as the rehabilitative programme of hand therapy. The department is therefore eminently suited for starting a fellowship programme in Hand Surgery.

It is proposed to start a one year duration programme of 'Fellowship in Hand Surgery' in the Department of Plastic Surgery, Dr DY Patil Medical College and Hospital, Pune, with an all round exposure and training to the fellows. This will be followed by an award of certification which will tremendously enhance their understanding and skills as well as confidence in managing problems of the hand.

**2. Duration :** 1 year.

### **3. Training Facilities :**

1. Ward
2. OPD
3. OT
4. Skill Lab
5. Cadaver dissection

### **4. Teaching Faculty Details**

1. Dr (Surg R Adm) G Vishwanath, Professor and HOD, Department of Plastic Surgery (Reg. No. 2007-09-3349)

2. Dr (Brig) Alok Sharma, Professor, shall be the Course Director and faculty for fellowship programme in Hand Surgery (Reg. No. 5186).
3. Dr Bhushan R. Patil, Assistant Professor of Plastic Surgery, shall be faculty for the fellowship programme in hand surgery. (Reg. No. 2007/05/1875)

**5. Infrastructure Facilities**

1. Ward
2. OPD
3. OT
4. Skill Lab
5. Cadaver dissection

**6. Fees :** 2,00,000/- (Rupees Two Lakhs only)