

**Education should be imparted with a view to the type of society that we wish to build.**

-Dr. S. Radhakrishnan

Background:

Hand Surgery is very well known subspeciality of orthopedics. But unfortunately, many patients are suffering from neglected hand injuries. However very few dedicated trained hand surgeons are catering these services in our country. Thus, many patients are neglected or improperly treated. Considering above fact, we want to start Upper limb, Hand, microvascular reconstructive and Brachial plexus surgery fellowship program in Regency Hospital

**Program and Training Director:** Dr Ajeet Tiwari (MS Ortho)

**Associated Faculty:** Dr S K Gulati (Mch Plastic)

Dr Amit Verma (Mch Plastic)

**Program description:**

The purpose of this Hand, Upper Extremity, and Microvascular Surgery Fellowship is to offer fellows special knowledge and training in the management of:

- Acute hand and upper extremity trauma
- Hand and upper extremity microvascular emergencies
- Reconstructive hand and upper extremity conditions
- Congenital upper limb deformities
- Brachial plexus and peripheral nerve injuries

Fellow will be assigned to one or more faculty member(s) who has some or all their practice dedicated to hand and upper extremity surgery. The hand trauma call schedule should be attended by hand fellow daily. Hand call includes replantation / microvascular emergency services, for which our institution is a referral center for the entire Kanpur and neighboring districts. Our faculty appreciates a mentorship-type relationship with the fellows who are expected to participate in morning teaching program like seminars, journal club and case presentation and gradually assume greater responsibilities in patient care in clinic and in the operating room over the course of the fellowship under the direct supervision of the faculty. Highlights of clinical exposure include:

**Adult reconstruction** includes experience in treatment of osteoarthritis (including posttraumatic) and rheumatoid arthritis for the upper extremity, Dupuytren's contracture, nerve compression syndromes and tendon reconstructions. However, treatment of benign and malignant tumors of the upper extremity is included in the education of the fellows.

**Trauma** includes treatment of fractures and dislocations of the upper extremity, flexor and extensor tendon injuries, nerve injuries, compartment syndromes, and replantation / microvascular emergency services. Experience is obtained for both acute, sub-acute and chronic injury presentation.

**Brachial Plexus and Peripheral Nerve Injuries** include the evaluation and management of both adult and pediatric patients with traumatic and birth-related brachial plexus injuries as well as the treatment of acute and chronic peripheral nerve injuries.

**Congenital hand** includes treatment of all birth-related injuries, such as congenital absence of the thumb, radial and ulnar club-hand, syndactyly, and cerebral palsy.

**Free-tissue transfer** includes our significant experience with free, vascularized fibular grafting, soft tissue reconstruction with local, regional, and distant tissue transfer.

I, further propose and recommend the UPOA Fellowship committee and other UPOA office bearers for providing accreditation to this fellowship, so that we can train more surgeons for better patient care and promote hand surgery in our state.

#### Details of fellowship

1. **Eligibility:** A candidate who has passed MS (Orthopedics) or M.Ch. (Plastic Surgery) can apply for these fellowships.
2. **Selection committee:** Department of Upper limb and Hand Surgery (Dr Ajeet Tiwari, Dr S K Gulati)
3. **Duration:** 3-6 months
4. **No. of fellows:** 2
5. **Fellowship mentor:** Appointed by fellowship director
6. Candidates will be paid 50,000/p.m. and accommodation by Department

Regards

Dr. Ajeet Tiwari

Fellowship Director

Head, Department of Upper limb, Hand & Brachial Plexus Surgery

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