

lumber punctures, internal jugular and subclavian vein catheterization, urinary catheterization, breast examination, pap smear, ABG analysis and sample collection.

**07/2004 - 07/2007**

**V.M.M.C. & Safdarjung Hospital, New Delhi, India**

I worked as a resident in the department of Intensive Care and Anesthesiology at Safdarjung Hospital, New Delhi. Safdarjung Hospital is a multispecialty tertiary care teaching hospital with more than 1500 beds and runs 28 routine and 7 emergency theatres. My post graduate medical residency training in this department entails rotations in the Pre Anaesthetic Care, Elective and Emergency Operation Theatres, Monitored Anaesthesia Care and Intensive care facilities.

I have attained significant experience in the administration of General or Regional Anaesthesia and related clinical care to the patients of General Surgery, Surgical Oncology, Surgical Urology, Pediatric Surgery, Orthopedic Surgery, Obstetrics and Gynecology, Cardiothoracic vascular Surgery, Neurosurgery, E.N.T., Ophthalmology, Maxillofacial, Burns and Plastic Surgery. During my rotations in Intensive Care Unit I learned managing patients on ventilator support system and providing these patients adequate nutritional support.

**01/2002-02/2004**

**Jaswant Rai Speciality Hospital, India  
Junior Resident, Dept. of Medicine**

Jaswant Rai Specialty Hospital is a renowned multispecialty and research institute of Meerut, U.P., India. This medical center has daily outpatient attendance of more than 400 patients. The center has 18-bedded general ICU, 6 bedded CCU, 10 bedded Pediatric ICU, 8 bedded Neonatal ICU and very well developed Cardiology, Hematology, oncology, Gastroenterology, Neurology, Nephrology, Respiratory, Internal Medicine, Pediatrics, Surgery, Psychiatry, Endocrinology and burn departments. As a resident doctor here in the department of medicine for a period of two years I attended daily ambulatory clinic, which involved patient workup, management and follow up of various chronic and acute diseases. My in-patient duties included history taking, examination, sample collection and writing notes and orders as well as making diagnosis and management of the patients. I was on 24-36 hours duty twice a week in medicine emergency. Here I had opportunity to improve my skills in ABG's, PFT's as well as in critical care management

**01/2001 - 12/2001**

**Maulana Azad Medical College (MAMC) and L.N.J.P.H., New Delhi, India**

In this mandatory rotatory internship in Departments of Internal Medicine, General Surgery, Obstetrics and Gynecology, Community Medicine, Orthopedic surgery, Ophthalmology, ENT, and Pediatrics I was exposed to common clinical problems in these departments. My work included history taking, physical examination and initiating workup of the patients. I was involved in outpatient, inpatient and emergency patient care in these respective departments. I gained experience in handling common floor calls, common emergencies, common outpatient presentations, performing various procedures e.g. intravenous cannulations, arterial punctures, pleural and peritoneal taps, lumbar punctures, bone marrow aspiration and biopsy. I attended to subspecialty clinics in neurology, endocrinology, respiratory medicine and cardiology. I regularly participated in clinical case presentations, seminars and conferences held in these departments during my rotations.

### **Research Experience**

1. Mount Sinai - Queens Hospital Medical Center, New York  
Principal-investigator: Shiv Kumar Goel, MD. Co-investigator: Sabiha Bandagi, MD.  
"Lupus Nephritis- Time of Diagnosis and long term prognosis in a community hospital". The study had been approved by the IRB and was near its completion. My project work was to determine the prognosis of patients with lupus nephritis and to determine the major factors contributing to the treatment outcome in a community health center. This study was a retrospective analysis of all the patients presented and followed up in last 17-20 years in our hospital.
2. V.M.M.C. & Safdarjung Hospital, New Delhi, India  
Principal-investigator: Shiv Kumar Goel, MD. Co-investigator: Dr. P.K. Verma, MD  
My research topic was "To study the risk prediction of mortality and the length of stay of patients in intensive care unit (I.C.U.) by utilizing APACHE III, MPM II and SAPS II scoring systems and to compare the predictive accuracy of these scoring system among themselves". This study was conducted on 300 consecutive ICU admissions at Safdarjung Hospital. The study group consisted of surgical as well as medical specialties of various diagnostic categories like respiratory failure, multiple trauma, GIT disorder etc. All the patients were evaluated according to APACHE II, SAPS II and MPM II scoring systems within the 1st 24 hours of their admission.

3. Mount Sinai - Queens Hospital Medical Center, New York  
Conducted research assignment and a quiz on "**The long term outcome of hematuria home screening for bladder cancer in men**". This research assignment and quiz was designed for the residents and interns of my department at queens hospital center. The purpose of this study was to emphasize the importance of hematuria home screening test in the high risk population of patients in our community

#### Publications:

1. Dharshan A, Jalaja J., **Goel S.K.**, Shenoy M.M.. (2010, February 1). "Double Interatrial Septum" online publication in the "Images in Cardiology" section of the Canadian Journal of Cardiology. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2851396/>.
2. **Shiv Kumar Goel**, Hammad Bhatti, John McMahon, Karen-Shakin Mrejen. "**Primary Malignant Melanoma of the Lung - A difficult diagnoses**" Case report and extensive literature review on this rare malignant pulmonary neoplasm of a patient who was seen and treated in our facility. Poster presentation at American Thoracic Society, New Orleans International Conference May 14-19, 2010 New Orleans, Louisiana.
3. Ashish Tikotekar, **Shiv Kumar Goel**, John McMahon, Habibur Rahman. Case report and extensive literature review on "**A Case of Inflammatory Myofibroblastic Tumor with a Large Pleural Effusion**" This is a unusual case of Primary Inflammatory Pseudotumor (Myofibroblastic tumor which is been seen in our hospital. Oral presentation at ATS, New Orleans International Conference May 14-19, 2010 New Orleans, Louisiana.

#### Poster Presentations:

- 1) **Goel S.K.**, Abrudescu A., Mrejen S.K. "**Interstitial lung disease as the initial presentation of SLE**". Poster presentation at the 6<sup>th</sup> annual joint AMA Resident and Fellow Section Research Poster Symposium at Houston, Texas Nov 2009. Poster presentation at New York State Thoracic Assembly, West Point NY Jan 23-24, 2009. MSSNY Resident and Fellow Section Research Symposium, May 2009, Rochester, NY
- 2) **Goel S.K.**, Casino J.V., Guzman P., Berman C. "**Streptococcus bovis: An Uncommon Cause of Central Nervous System Infection**". Poster presentation at the 6th annual joint AMA Resident and Fellow Section Research Poster Symposium, Houston, Texas Nov 2009 and at MSSNY Resident and Fellow Section Research Symposium, May 2009, Rochester, NY.
- 3) Hammad Bhatti, **Shiv Goel**, Alfred Ajise, Sarfraz Memon, Tutu Aung. "**Right heart failure from pulmonary hypertension as presenting symptoms of multiple myeloma with amyloidosis**" Poster Presentation at the 6th annual joint AMA Resident and Fellow Section Research Poster Symposium, Houston, Texas Nov 2009
- 4) **Goel S.K.**, Abrudescu A., Lopez R. "**Wegener Granulomatosis in an elderly patient**" Poster presentation, Annual Research Day 2009, Queens Hospital Center Jamaica NY. Abstract Submitted for presentation at ACP annual conference, Toronto, Canada, 2010
- 5) Faisal Usman, Hammad Bhatti, **Shiv Goel**, Abhijit Naik, Issac Sachmechi, Mariyam Qadir "**A patient with unexplained low HDL**" Podium presentation at 6th annual joint AMA Resident and Fellow Section Research Poster Symposium, Houston, Texas Nov 2009
- 6) Shiv Kumar Goel, Jalaja Joseph, M.M. Shenoy. "**Cardiac Tumor or Just Fat..?**" Case report and literature review of the Lipomatous Hypertrophy of the Cardiac Interatrial Septum Mimicking Cardiac Tumor and Presenting as Arrhythmias. Poster presentation, Annual Research Day 2009, Queens Hospital Center Jamaica NY.

#### Other Awards/Accomplishments

I was among the highest scorers in ABIM examination in 2010. Scored top ranks in Delhi and All India Premedical Entrance Exam in 1996. Second position in H.S.S.C.(12th grade) with 3rd highest marks in chemistry at all India level. Organized many house functions at the school and college level. Received scholarship under National Mathematics Olympiad Scholarship scheme in the field of science in year 1994-95. Chosen Head Boy of the class in 1994. First position in 11th grade, 1994 and Second position in S.S.C.(10th grade) in my school 1993

#### Seminars and Conferences:

1. American Thoracic Society, New Orleans International Conference May 14-19, 2010 New Orleans, Louisiana.
2. AMA Resident and Fellow Section and AMA Medical Student Section Research Symposium, November 2009, Houston, Texas

3. Medical Society of the State of New York (MSSNY) Resident and Fellow Section Research Symposium, May 2009, Rochester, New York.
4. New York State Thoracic Assembly, Jan 23-24, 2009, West Point, NY.
5. 39th Annual Conference of Indian Society of Anaesthesiologists, Delhi Chapter, 2005.
6. 45th Annual Conference of Indian Society of Anaesthesiologists, Delhi Chapter, 2006.  
"Challenges in Anaesthesia- Pediatrics to Geriatrics"
7. CME and Workshop on the Airway Management, Maneuvers and Gadgets (Basic and Advanced Course), Organized by MAMC and LNJPB, Delhi, 2006.

**Hobbies & Interests:**

- 1) Adventure sports like river rafting, ice skiing, paragliding, etc.
- 2) Meditation for relaxation - Member of Art of Living.
- 3) Painting- specifically on the old village themes.
- 4) Travel- A desire to meet new people and find out about different cultures and life styles has led me to travel extensively in India.
- 5) Listening to soft music

**Language Fluency (Other than English)**

Good command over written and spoken knowledge of Hindi, the National Language of India. Also, working knowledge of Punjabi, a dialect used in northern India.

**Visa Status**

H1B (working visa)