

# Manan Patel MD

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## EDUCATION

**Columbia University Medical Center, New York City, NY** 8/11 - current  
*Interventional Pain Management Fellow- Dept of Anesthesiology*

**Mount Sinai Medical Center, New York City, NY** 7/08 - 6/11  
*Resident, Department of Anesthesiology*  
*ABA Boards Part I - Written Examination - Pass (75<sup>th</sup> percentile)*  
*ABA Boards Part II - Oral Examination - Pass*  
*ABA Pain Certification Examination - registered Aug 2012*

**Saint Peter's University Hospital – Drexel College of Medicine, New Brunswick, NJ** 7/07 - 6/08  
*PGY I Preliminary Resident, Department of Medicine*

**UMDNJ - Robert Wood Johnson Medical School, Piscataway, NJ** 8/03 - 5/07  
*Doctorate of Medicine*  
*Deans Scholarship Award*

**Duke University, Durham, NC** 8/98 - 5/02  
*Bachelor of Science Economics*  
*Magna Cum Laude*

## RESEARCH

**Dept of Psychiatry, Robert Wood Johnson University Hospital, New Brunswick, NJ** 2003-2005  
Research designed to show that heart failure patients with depression had higher levels of inflammatory cytokines TNF and IL-6 than heart failure patients without depression. These cytokines have been implicated as a possible cause of the increased mortality seen in such patients with depression than patients without depression. Ultimately, the goal was to show that treatment of depression resulted in a decrease in the inflammatory cytokines, reduced mortality, and improved quality of life in heart failure patients.

**Dept of Immunology, Duke University, Durham, NC** 2001-2003  
Research conducted to describe a possible mechanism accounting for the hypergammaglobulinemia seen in HIV-infected individuals. In vitro studies confirmed that HIV binding to CD21 co-receptor resulted in increased IgG production.

## **PUBLICATIONS/PRESENTATIONS**

1. Ramasamy R, Hildebrandt T, O'Hea E, Patel M, Clemow L, Freudenberger R, Skotzko C.  
"Psychological and social factors that correlate with dyspnea in heart failure." Psychosomatics 47(5) Sep-Oct 2006: 430-4
2. Eastern Pain Association Meeting Oct 2011 Presentation - "Low Pressure Headache after Chiropractic Manipulation"

## **LICENSURE**

New York Medical License, June 2011 – present  
New Jersey Medical License - June 2012

## **MEMBERSHIPS AND SOCIETIES**

American Society of Anesthesiologists, July 2008 – present  
New York State Society of Anesthesiologists, July 2008 – present

## **HONORS/AWARDS/ACTIVITIES**

President of Robert Wood Johnson Anesthesia Student Group  
Founder of Robert Wood Johnson Music Club  
Student Doctor volunteer at Robert Wood Johnson Student Club  
Robert Wood Johnson Dean's Scholar Merit Scholarship  
Robert Wood Johnson Summer Research Scholarship  
Executive Board Member - Association of American Physician of Indian Origin