

TIMOTHY CANTY, M.D.

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POSTDOCTORAL TRAINING

- 2006 **Harvard Medical School. BI Deaconess Hospital: Fellowship**, Pain Management. Fellowship emphasizing balanced, multidisciplinary approach to pain management with thorough training in all interventional techniques.
- 2005 **Harvard Medical School. Massachusetts General Hospital: Residency**, Anesthesiology and Critical Care
- 2001 **New York Medical College, Saint Vincent's Hospital: Internship**, Internal Medicine

EDUCATION

- 2000 **M.D. University of Texas Health Science Center, San Antonio.** Dean's list/High honors. Alpha Omega Alpha.
- 1995 **B.S. University of Massachusetts, Amherst.** *Magna cum laude.* Biochemistry departmental honors

CLINICAL AND CONSULTANT POSITIONS

- 2019 – present **New York University.** Adjunct Clinical Assistant Professor. School of Nursing.
- 2016 – present **Manhattan Pain Fellowship.** Director. Co-founded, developed and currently run a 1-year pain management training program. Train physicians to become board certified interventional pain practitioners.
- 2015 – 2018 **Northwell Health.** Attending. SIUH North Dept. of Anesthesiology
- 2015 – present **Mount Sinai Health System.** Attending. Dept. of Anesthesiology
- 2012 – 2016 **Beth Israel Hospital, NY.** Staff physician. Dept. of Pain Medicine.
- 2012 – 2014 **Long Island College Hospital.** Attending, Dept. of Anesthesiology.
- 2011 – present **Comprehensive Spine and Pain Center of New York.** Executive Director. Comprehensive pain management practice performing all minimally invasive interventional treatments.
- 2011 – 2016 **State University of New York Downstate Medical Center.** Assistant Professor Faculty, Department of Anesthesiology
- 2010 – 2011 **The Spine and Pain Institute of New York.** Director of Interventional Pain Management.
- 2010 – 2018 **Staten Island University Hospital.** Associate Director 2010-11. Pain Management division of the Department of Anesthesiology.
- 2007 – 2009 **Physicians Pain Management Center.** Raynham, MA.
- 2007 – 2010 **Energid Technologies.** Cambridge, MA. Consultant and Principal Investigator – Clinical advisor for Phase II and III development of a synaptic driven regional anesthesia simulation system.
- 2006 – 2010 **Massachusetts General Hospital, Department of Anesthesiology and Critical Care.** Attending Anesthesiologist - supervising residents and personally performing anesthesia for all case types (specialty in Ambulatory, Regional, and Vascular anesthesia).
- 2006 – 2010 **Harvard Medical School.** Faculty - Clinical Instructor in Anesthesia

HONORS

- 2015-2018 **Super Doctors** – New York's Top Doctors

2014	Super Doctors Rising Stars – New York’s Top Doctors
2013	Top 10 Doctors Award
2011-2019	Compassionate Physician Award
2011-2019	Patients’ Choice Award
2009	Massachusetts General Hospital Inaugural Citizenship Award
1999	Alpha Omega Alpha
1997-1999	Texas Merit Scholarship
1994	Howard Hughes Institute Junior Fellow. Research scholarship.

PROFESSIONAL SOCIETIES/POSITIONS

2013	NY State Medical Society - Young Physicians Committee reelected Secretary
2011	NY State Medical Society - Young Physicians Committee elected Secretary
2010	WIP – Fellowship of Interventional Pain Physicians Examiner
2010	NY State Medical Society - Young Physicians Committee Counsel
2010	NY State Medical Society - Committee for Workers Compensation/NF
2007	American Society of Interventional Pain Physicians
2006	American Society of Regional Anesthesia and Pain Medicine
2001	American Society of Anesthesiologists
2000	Alpha Omega Alpha Medical Honor Society
1996	American Medical Association

CERTIFICATION

2006	Anesthesiology - American Board of Anesthesiology #40527
2006	Pain Management subspecialty - American Board of Anesthesiology
2005	New York Licensure #237504

INTERESTS

Conversant in Spanish. Foreign medical relief missions. Enjoy physical fitness, mountain biking, rock climbing, adventure travel and high altitude mountaineering.

FACULTY/LECTURES

2012	Sports Physical Therapy of New York - <i>Diagnosis and Evidence Based Management of Low Back Pain</i> .
2011	New York Society of Interventional Pain Physicians 2011 Symposium. Faculty and Instructor for Vertos <i>mild</i> cadaver course.
2010	Staten Island University Hospital – Medical Grand Rounds. <i>Evidence Based Management of Low Back Pain</i> .

BIBLIOGRAPHY

1. **Canty T.** Neuromodulation. In: Sackheim K, (ed) *Pain Management Clinical Pocket Guide*. Springer, New York, 2014.
2. Raju S, **Canty T:** Regional Anesthesia in the Obese Patient, in Weiner-Kronish K, Ortiz V (eds) *Perioperative Anesthesia for the Obese Patient*. Informa HealthCare, 2009.
3. **Canty T**, Balantyne J: Postoperative pain therapy, in Pedersen T, Møller AM (eds) *Evidence-based Anaesthesia*, Cambridge, UK, Cambridge University Press. 2006.

4. Sandberg WS, **Canty T**, Sokal SM, Daily B, Berger DL: Financial and Operational Impact of a Direct-From-PACU Discharge Pathway for Laparoscopic Cholecystectomy Patients. *Surgery*. 140(3):372-8, 2006 Sep.
5. Astier A. Manie SN. Law SF. **Canty T**. Haghayghi N. Druker BJ. Salgia R. Golemis EA. Freedman AS: Association of the Cas-like molecule HEF1 with CrkL following integrin and antigen receptor signaling in human B-cells: potential relevance to neoplastic lymphohematopoietic cells. *Leukemia & Lymphoma*. 28(1-2):65-72, 1997 Dec.
6. Astier A. Avraham H. Manie SN. Groopman J. **Canty T**. Avraham S. Freedman AS: The related adhesion focal tyrosine kinase is tyrosine-phosphorylated after beta1-integrin stimulation in B cells and binds to p130cas. *Journal of Biological Chemistry*. 272(1):228-32, 1997 Jan 3.
7. Manie SN. Beck AR. Astier A. Law SF. **Canty T**. Hirai H. Druker BJ. Avraham H. Haghayeghi N. Sattler M. Salgia R. Griffin JD. Golemis EA. Freedman AS: Involvement of p130(Cas) and p105(HEF1), a novel Cas-like docking protein, in a cytoskeleton-dependent signaling pathway initiated by ligation of integrin or antigen receptor on human B cells. *Journal of Biological Chemistry*. 272(7):4230-6, 1997 Feb 14.
8. Manie SN. Astier A. Haghayeghi N. **Canty T**. Druker BJ. Hirai H. Freedman AS: Regulation of integrin-mediated p130(Cas) tyrosine phosphorylation in human B cells. A role for p59(Fyn) and SHP2. *Journal of Biological Chemistry*. 272(25):15636-41, 1997 Jun 20.
9. Manie SN. Sattler M. Astier A. Phifer JS. **Canty T**. Morimoto C. Druker BJ. Salgia R. Griffin JD. Freedman AS: Tyrosine phosphorylation of the product of the c-cbl protooncogenesis induced after integrin stimulation. *Experimental Hematology*. 25(1):45-50, 1997 Jan.
10. Undergraduate Howard Hughes Fellow/Honors Thesis: **Canty T**. Expression of a recombinant silk-like protein in *E. coli* containing high levels of a fluorinated amino acid analog. 1996

Details of clinical experience/procedures and references available on request.