

CURRICULUM VITAE

Andrew K. Roorda, M.D.

PERSONAL DATA

Date/Place of Birth: 10/15/1971. San Francisco, California

Practice Address: Silicon Valley Gastroenterology
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EDUCATION

2004 Doctor of Medicine, St. George's University School of Medicine,
Grenada, West Indies

1997 Certificate of Completion, Post-Baccalaureate Pre-medical Program,
Duquesne University, Pittsburgh, PA

1995 B.A. History, University of California, San Diego, La Jolla, CA

GRADUATE MEDICAL EDUCATION

2005-2006 Intern in Internal Medicine, St. Mary's Medical Center, San Francisco, CA

2006-2008 Resident in Internal Medicine, St. Mary's Medical Center, San Francisco,
CA

2008-2011 Clinical Fellow in Gastroenterology, West Virginia University School of
Medicine, West Virginia University Hospitals, Ruby Memorial Hospital,
Morgantown, WV

PROFESSIONAL LICENSES

2007- Medical License, Medical Board of California (A101729, expires 10/31/15)

2008-2013 Medical License, West Virginia Board of Medicine (23265,)

CERTIFICATION

Board Certified in Internal Medicine on 8/28/08. American Board of Internal Medicine. Valid through 12/31/18.

Board Certified in Gastroenterology on 11/14/11. American Board of Internal Medicine. Valid through 12/31/21.

ACADEMIC and PROFESSIONAL POSITIONS

- 2013- Attending Physician, Stanford Hospital and Clinics, Stanford, CA
- 2012- Adjunct Clinical Assistant Professor, Division of Gastroenterology and Hepatology, Department of Medicine, Stanford University School of Medicine, Stanford, CA
- 2012- Consultant Gastroenterologist, El Camino Hospital, Mountain View, CA
- 2012- Consultant Gastroenterologist, St. Francis Hospital, San Francisco, CA
- 2012-2014 Consultant Gastroenterologist, St. Mary's Medical Center, San Francisco, CA
- 2011-2012 Assistant Professor, Section of Digestive Diseases, Department of Medicine, West Virginia University School of Medicine, Morgantown, WV
- 2011-2012 Associate Fellowship Program Director, Section of Digestive Diseases, Department of Medicine, West Virginia University School of Medicine, Morgantown, WV

OTHER PROFESSIONAL ACTIVITIES

- 2008- Editorial Board , *Practical Gastroenterology*
- 2008- Endoscopy Series Editor, *Practical Gastroenterology*
- 2010- Editorial Board, *Journal of Basic and Clinical Pharmacy*
- 2010- Reviewer, *Digestive Diseases and Sciences*

CLINICAL TRIAL SUB-INVESTIGATOR EXPERIENCE

- 2005-2006 **Phase 3, 12-Week, Multicenter, Double-Blind, Randomized, Efficacy and Safety Study of Lubiprostone for the Treatment of Irritable Bowel Syndrome With Constipation.** Sucampo Pharmaceuticals. SPI/0211SIB-0432. Rider Research Group. San Francisco, CA.
- 2006-2007 **A Multicenter, Randomized, Double-blind, Placebo-controlled Trial to Evaluate the Use of Mesalamine Pellet Formulation 1.5G QD to Maintain Remission From Mild to Moderate Ulcerative Colitis.** Salix Pharmaceuticals. MPUC 3004/3005. Rider Research Group. San Francisco, CA.
- 2006-2007 **A Multicenter, Open-Label, Treatment Extension Trial to Evaluate the Long-Term**

Safety and Tolerability of Mesalamine Pellet Formulation. MPUC 3006. Rider Research Group. San Francisco, CA.

2008-2009 **A Phase 2b, Multicenter, Randomized, Double-blind, Placebo-controlled, Parallel Group Study to Evaluate the Efficacy and Safety of Ustekinumab Therapy in Subjects With Moderately to Severely Active Crohn's Disease Previously Treated With TNF Antagonist Therapy.** Centocor Pharmaceuticals. West Virginia University School of Medicine. Morgantown, WV.

AWARDS AND INTELLECTUAL PROPERTY

2011 Recognized by West Virginia University Hospitals as one of the top (99th percentile) providers in patient satisfaction surveys

2010 Selected as Chief Gastroenterology Fellow for 2010-2011 academic year

2008 One of 12 posters selected by the congress jury for oral presentation at the World Organization for Specialized Studies on Diseases of the Esophagus (OESO) 9th World Congress, Monaco, Monte-Carlo

2007 First Runner Up, Poster Presentation, Research Category, American College of Physicians, Northern California Meeting, Monterey, California

2004 WIPO PCT International Patent Application, Method and apparatus for extending feeding tube longevity

2003 United States Patent Application, Method and apparatus for extending feeding tube longevity

2001 Letter of recognition for Clinical Pathologic Conference (CPC) analysis (top ten among medical school class)

1994 Award for Exceptional Student Leadership and Service to University of California, San Diego, Revelle College. May, 1994

MEMBERSHIPS

American College of Gastroenterology
American Gastroenterological Association
American Society for Gastrointestinal Endoscopy
World Organization for Specialized Studies on Diseases of the Esophagus

PUBLICATIONS

1. Rider JA, **Roorda AK**, Rider DL. An analysis of standards for antacid simethicone defoaming properties. *Curr Ther Res Clin E* 1995;56:1202-8.
2. Rider JA, **Roorda AK**, Rider DL. Further analysis of standards for antacid simethicone defoaming properties. *Curr Ther Res Clin E* 1997;58:955-63.
3. **Roorda AK**, Hansen JP, Rider JA, Huang S, Rider DL. Ectopic breast cancer: special treatment considerations in the postmenopausal patient. *Breast J* 2002;8:286-9.
4. Rider DL, Rider JA, **Roorda AK**. PEG: A safe procedure in the elderly: including the oldest old. *Pract Gastroenterol* 2002;XXVI:38-44.
5. Zellner C, **Roorda AK**. A bleeding Meckel's diverticulum. *New Engl J Med* 2003;349:E9-E.
6. Wise GJ, **Roorda AK**, Kalter R. Male breast disease. *J Am Coll Surgeons* 2005;200:255-69.
7. **Roorda AK**, Rider DL, Rider JA, Conroy BF. Do pH and temperature play a role in gastrostomy tube deterioration? *Jpen-Parenter Enter* 2005;29:388-91.
8. **Roorda AK**, Marcus SN, Triadafilopoulos G. Early experience with radiofrequency energy ablation therapy for Barrett's esophagus with and without dysplasia. *Dis Esophagus* 2007;20:516-22.
9. **Roorda AK**, Triadafilopoulos G. Circumferential and focal radiofrequency ablation for the treatment of Barrett's esophagus. *Expert Rev Gastroenterol Hepatol* 2008;2:627-34.
10. Arora G, Basra S, **Roorda AK**, Triadafilopoulos G. Radiofrequency ablation of Barrett's esophagus. *Eur Surg* 2009;41:19-25.
11. **Roorda AK**. Introduction to a new series. Endoscopy: opening new eyes. *Pract Gastroenterol* 2009;XXXIII:13-4.
12. **Roorda AK**, Kupec JT, Sundaram U. I spy biliary and pancreatic ducts: the spyglass single-operator peroral cholangiopancreatography system. Endoscopy: opening new eyes, series #1. *Pract Gastroenterol* 2009;XXXIII:15-32.
13. **Roorda AK**, Triadafilopoulos G. A fellow's guide to generating the endoscopy procedure report. *Gastrointest Endosc* 2010;72:803-805.
14. **Roorda AK**, Kupec JT, Ostrinsky Y, Shamma'a JM, Goebel SU, Sundaram U. Endoscopic approaches to capsule endoscopy retention. *Expert Rev Gastroenterol Hepatol* 2010;4:713-721.
15. **Roorda AK**, Marcus SN, Triadafilopoulos G. Algorithmic approach to patients presenting with heartburn and epigastric pain refractory to empiric proton pump inhibitor therapy. *Dig Dis Sci* 2011;56(10):2871-8.

16. Kupec JT, **Roorda AK**, Williams HJ, Goebel SU. Recurrent hematochezia secondary to gastrointestinal stromal tumors (GISTs) in neurofibromatosis type one. *WV Med J* 2011 July-Aug;107(4):16-19.
17. Jalali F, **Roorda AK**, Sundaram U. Biliary stone extraction techniques: old and new. *Pract Gastroenterol* 2011;XXXV:17-46. Endoscopy: opening new eyes, series #6.
18. Triadafilopoulos G, **Roorda, AK**, Akiyama J. Update on foreign bodies in the esophagus: diagnosis and management. *Curr Gastroenterol Rep* 2013;15(4):317.
19. Triadafilopoulos G, **Roorda AK**, Akiyama J. Indications and safety of proton pump inhibitor drug use in patients with cancer. *Expert Opin Drug Saf* 2013.
20. Akiyama J, **Roorda AK**, Triadafilopoulos. Managing Barrett's esophagus with radiofrequency ablation. *Gastroenterology Report*. 2013.
21. Kommareddy S, **Roorda AK**, Legha P, Lombard C, Triadafilopoulos G. An elusive cause of severe gastrointestinal bleeding. *Dig Dis Sci*. 2013.

ABSTRACTS and PRESENTATIONS

1. Rider JA, **Roorda AK**, Rider DL. An analysis of standards for antacid simethicone defoaming properties. *Gastroenterology* 1995;108:A32.
2. Rider JA, **Roorda AK**, Rider DL. A critique of existing methods in the analysis of antacid simethicone defoaming properties. *Gastroenterology* 1997;112:A397.
3. Rider DL, Rider JA, **Roorda AK**. One hundred consecutive percutaneous endoscopic gastrostomies (PEGs) in an elderly (average age 85) high-risk population with zero mortality and no intraoperative complications: a standardized team approach. *Gastrointest Endosc* 2000;51:Ab292.
4. Gill KRS, **Roorda AK**, Allen M, Lee J, Yamaguchi T, Binmoeller KF. Evaluation of wireless capsule endoscopy interobserver agreement among four different levels of expertise. *Am J Gastroenterol* 2005;100:S354. (Poster Presentation at the American College of Gastroenterology's 70th Annual Meeting, Honolulu Convention Center, Honolulu, Hawaii, October, 2005 and poster presentation at the American College of Physicians 2005 Northern California Chapter Scientific Meeting, Portola Plaza Hotel, Monterey, CA, October, 2005).
5. **Roorda AK**, Gill KRS, Mendelson T, Peterson DL, Allen M, Binmoeller KF. Wireless capsule endoscopy in patients with leaky gut syndrome. *Gastrointest Endosc* 2006 April;63(5):AB172. (Poster presentation at the at the American Gastroenterological Association Annual Meeting, Los Angeles Convention Center, Los Angeles, California, May, 2006 and poster presentation at the American College of Physicians 2005 Northern California Chapter Scientific Meeting, Portola Plaza Hotel, Monterey, California, October, 2005).

6. Yague AS, **Roorda AK**, Allen M, et al. Incidence and outcomes of capsule endoscopy retention: An international study. *Am J Gastroenterol* 2006;101:S530. (Poster presentation at the American College of Gastroenterology's 71st Annual Meeting, The Venetian Resort and Casino, Las Vegas, Nevada, October, 2006).
7. **Roorda AK**, Tsoi E, Man K, Mulholland S, Yu H, Mendelson T. An unexpected cause of refractory upper gastrointestinal hemorrhage in a patient with platelet dysfunction. (Poster Presentation at the American College of Physicians 2006 Northern California Chapter Scientific Meeting, Portola Plaza Hotel, Monterey, California, November, 2006).
8. **Roorda AK**, Marcus SN, Triadafilopoulos G. Early Experience with radiofrequency energy ablation therapy for Barrett's esophagus with and without dysplasia. (Poster Presentation at the Stanford University Network for Translational Research in Optical Imaging (NTROI) Retreat, Stanford University, Palo Alto, California, January, 2007).
9. Boparai V, **Roorda AK**, Marcus SN, Triadafilopoulos G. Esophageal and gastric PH profiles in patients with refractory gastroesophageal reflux disease treated with twice daily proton pump inhibitors. *Gastroenterology* 2007;132:A283. (Poster presentation at the American Gastroenterological Association Annual Meeting, Washington Convention Center, Washington, District of Columbia, May, 2007).
10. **Roorda AK**, Marcus SN, Triadafilopoulos G. Radiofrequency ablation for Barrett's esophagus with and without dysplasia: A community-based, single-center experience. *Gastrointest Endosc* 2007;65:Ab282. (Poster presentation at the American Gastroenterological Association Annual Meeting and Digestive Disease Week, Washington Convention Center, Washington, District of Columbia, May, 2007).
11. Sanchez-Yague A, Allen M, Caunedo-Alvarez A, **Roorda AK**, Sison CM, Gill KRS, Pizzute C, Romero-Vazquez J, Binmoeller KF, Herrerias-Gutierrez JM. Capsule endoscope retention incidence and outcomes in a large international series. [Poster presentation at the 6th International Conference on Capsule Endoscopy (ICCE), Madrid, Spain, June, 2007].
12. **Roorda AK**, Marcus SN, Triadafilopoulos G. Value of a novel multi-factorial scoring system as a diagnostic aid in the prospective evaluation of patients with reflux-like dyspepsia. *Am J Gastroenterol* 2007;102:S151. (Poster presentation at the American College of Gastroenterology's 72st Annual Meeting, The Pennsylvania Convention Center, Philadelphia, Pennsylvania, October 2007 and poster presentation at the American College of Physicians Northern California Chapter Scientific Meeting, Portola Plaza Hotel, Monterey, California, December, 2007).
13. **Roorda AK**, Marcus SN, Triadafilopoulos G. Algorithmic approach of patients presenting with heartburn and epigastric pain refractory to empiric proton pump inhibitor therapy. *J Clin Gastroenterol* 2008;42:S16. [Oral and poster presentation at the World Organization for Specialized Studies on Diseases of the Esophagus (OESO) 9th World Congress, Monaco, Monte-Carlo, April, 2008].
14. **Roorda AK**, Marcus S, Triadafilopoulos G. Validation of a novel scoring system as a diagnostic aid in patients with reflux-like dyspepsia. *Am J Gastroenterol* 2008;103:S30. (Poster presentation at

the American College of Gastroenterology's 73rd Annual Meeting, Gaylord Palms Resort & Convention Center, Orlando, Florida, October, 2008).

15. **Roorda AK**, Ostrinsky Y, Kupec JT, Goebel SU, Shamma'a JM, Sundaram U. Endoscopic approaches to retained capsule endoscopy. *Am J Gastroenterol* 2009;104:S386. (Poster presentation at the American College of Gastroenterology's 74th Annual Meeting, San Diego Convention Center, San Diego, California, October, 2009).
16. **Roorda AK**, Miranda M, Ju J, Sundaram U. Utility of SpyGlass in preventing common bile duct trauma during ERCP with "clip stone" extraction. *Am J Gastroenterol* 2010;105:S216. (Poster Presentation at the American College of Gastroenterology's 75th Annual Meeting, Henry B. Gonzalez Convention Center, San Antonio, Texas, October, 2010).
17. Kupec JT, **Roorda AK**, Sundaram U. Routine fluid aspiration during direct visualization cholangioscopy (SpyGlass) Increases Diagnostic Yield. *Am J Gastroenterol* 2010;105:S68.
18. **Roorda AK**, Manoharan P, Kekuda R, Coon S, Sundaram U. Peroxynitrite uniquely regulates brush border membrane anion/HCO₃⁻ exchange in rat small intestinal epithelial cells. 2011 E.J. Poster Presentation at the Van Liere Memorial Convocation Memorial Convocation and Health Sciences Center Research Day Event. March 11, 2011. West Virginia University. Morgantown, West Virginia.
19. **Roorda AK**, Manoharan P, Kekuda R, Coon S, Sundaram U. Peroxynitrite uniquely regulates brush border membrane anion/HCO₃⁻ exchange in rat small intestinal epithelial cells. *Gastroenterology* 2011;140:S662. (Poster presentation at the American Gastroenterological Association Annual Meeting, McCormick Place, Chicago, Illinois, May, 2011).
20. Weed MT, Manoharan PK, **Roorda AK**, Balasubramanian P, Sundaram U. NHE3 and butyrate:HCO₃⁻ exchange are uniquely altered in the proximal colon in a rat model of colitis associated cancer. *Gastroenterology* 2012;142:S693. (Poster presentation at the American Gastroenterological Association Annual Meeting, San Diego Convention Center, San Diego, California, May, 2012).

INVITED LECTURES AND GRAND ROUNDS

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| September 30, 2011 | "Update on Barrett's esophagus" Department of Internal Medicine. West Virginia University School of Medicine, Morgantown, West Virginia. |
| September 1, 2012 | "How to manage symptoms after anti-reflux surgery (ARS)" Post Graduate Course. World Organization for Specialized Studies on Diseases of the Esophagus (OESO) 11 th World Congress, Lake Como, Italy. |
| September 3, 2012 | "Role of anti-reflux surgery (ARS) in Barrett's esophagus" Plenary Session 7. World Organization for Specialized Studies on Diseases of the Esophagus (OESO) 11 th World Congress, Lake Como, Italy. |