

Thomas W. Martens MD
International Diabetes Center
HealthPartners Institute
3800 Park Nicollet Blvd.
Minneapolis, MN 55416

Certification

1994-Present American Board of Internal Medicine

1992-Present State of Minnesota Medical License

1994-Present Active DEA certification

Active CPR certification
Basic Life Support certification
Advanced Cardiac Life Support certification

Professional Experience

Oct 2015-Present Medical Director
International Diabetes Center
3800 Park Nicollet Blvd.
Minneapolis, MN 55416
Investigator on clinical research trials conducted through International Diabetes Center and HealthPartners Institute, including a PCORI funded study of CGM vs. BGM in Primary Care, the NIH-funded GRADE study involving therapeutics in T2D, phase 3 studies involving diabetes therapies (both insulin and non-insulin therapies), and studies involving diabetes technology relating both to continuous glucose monitor technology and hybrid closed-loop insulin pump technology. Investigator on quality improvement projects through the International Diabetes Center and Park Nicollet Health Services involving implementation of continuous glucose monitor technology in a primary care setting.

1995-Present Department of Internal Medicine
Park Nicollet Clinic- Brookdale Office
Brooklyn Center, MN
Primary Care Internal Medicine Practice

1995-Present Park Nicollet Hospitalist Service
Hospitalist Service Physician
Active staff membership- Methodist Hospital, Saint Louis Park, MN

2003-2005 Consultant
Methodist Hospital Wound Clinic, St. Louis Park, MN
Provided adjunct medical consultation in a multi-disciplinary wound clinic setting

- 1993-1995 Extended Care Department
Hennepin County Medical Center, Minneapolis, MN
Primary Care MD for nursing home residents
- 1988 University of Wisconsin Clinical Cancer Center American Cancer Society
Summer Research Fellowship
Worked in the laboratory of Dr. Michael N. Gould developing
techniques to quantify intercellular communication in cultured
mammary epithelium
- 1986-1987 University of Wisconsin School of Pharmacy
Research Specialist
Worked in the laboratory of Dr. Joseph Robinson developing a
bioadhesive patch for delivery of peptides across buccal mucosa

Leadership

- Oct 2015-Present Medical Director
International Diabetes Center
3800 Park Nicollet Blvd.
Minneapolis, MN 55416
Research clinician supporting ongoing research studies sponsored by
International Diabetes Center and HealthPartners Institute
- 2013- 2017 Internal Medicine Team Lead- Park-Nicollet Brookdale Office
Facilitate clinical practice management for 5 Internal Medicine
physicians and 2 mid-level providers at Park Nicollet's Brookdale
Office
- 2011-2014 Clinical Practice Director- Park Nicollet Brookdale Office
Oversaw and managed professional staff of 25 providers at Park
Nicollet's Brookdale Office
-Oversaw successful implementation of Health Care Home
care-integration at the Brookdale site
-Oversaw building remodel 2012-2013
-Oversaw EPIC implementation 2011
-Facilitated day-to-day management of clinical staff
- Summer 2010 Interim Clinical Practice Director- Park Nicollet Brookdale Office

Education

- Jan-Jun 2017 Park Nicollet sponsored "Improve Well: Quality Improvement Leadership
Training"
Park Nicollet sponsored quality improvement project to improve
T2DM management during transitions from the hospital to the
outpatient setting, using LEAN methodologies

Jan-Apr 2014	Park Nicollet Clinical Quality Advanced Training Program (ATP) Graduate Advanced Training Program project addressing racial/ethnic breast cancer screening/ mammography disparities at Park Nicollet Clinic
1994-1995	Chief Resident in Internal Medicine Hennepin County Medical Center, Minneapolis, MN
1991-1994	Internal Medicine Resident Hennepin County Medical Center, Minneapolis, MN
1987-1991	University of Wisconsin Medical School Madison, WI
1981-1985	Lawrence University, Appleton, WI BA degree in English, cum laude
1981 1984 (summer) 1985-1986	University of Minnesota, Minneapolis, MN Natural science coursework

Teaching

2021-Present	Clinic Preceptor, Endocrinology rotation, HealthPartners Advanced Practice Clinician Fellowship Program Clinic based preceptor for nurse practitioner and physician assistant fellows in the HealthPartners Advanced Practice Clinician Fellowship Program
2004-2010	Continuity Clinic Preceptor, University of Minnesota Internal Medicine Residency Preceptor for University of Minnesota Internal Medicine Residency outpatient continuity clinic (half-day per week)
2006 (summer)	Outpatient Internal Medicine Rotation Preceptor, University of Minnesota Medical School Preceptor for 3rd year medical student outpatient Internal Medicine rotation (1 month daily shared commitment- supervised a medical student doing outpatient Internal Medicine rotation)
2000 (academic year)	Outpatient Clinic Mentor, College of St. Catherine Nurse Practitioner Program (St. Paul, Minnesota) Clinical preceptor for Nurse Practitioner student in her final clinical year (two half-days per week)

Professional Societies

Jan 2008- Present	Fellow of the American College of Physicians (FACP)
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Oct 2000- Jan 2008 Member, American College of Physicians
Jan 2016- Present Member, American Diabetes Association

Publications

- 2022 Martens TW. *Continuous Glucose Monitoring in Primary Care –Are We There?* *Curr Opin Endocrinol Diabetes Obes.* 2022, 29:10–16.
- 2021 Aleppo G, Beck RW, Bailey R, Ruedy KJ, Calhoun P, Peters AL, Pop-Busui R, Philis-Tsimikas A, Bao S, Umpierrez G, Davis G, Kruger D, Bhargava A, Young L, Buse JB, McGill JB, Martens T, Nguyen QT, Orozco I, Biggs W, Lucas KJ, Polonsky WH, Price D, Bergenstal RM; MOBILE Study Group; Type 2 Diabetes Basal Insulin Users: The Mobile Study (MOBILE) Study Group. *The Effect of Discontinuing Continuous Glucose Monitoring in Adults With Type 2 Diabetes Treated With Basal Insulin.* *Diabetes Care.* 2021 Dec;44(12):2729-2737.
- 2021 Carlson AL, Martens TW, Johnson L, Criego AB. *Continuous Glucose Monitoring Integration for Remote Diabetes Management: Virtual Diabetes Care with Case Studies.* *Diabetes Technol Ther.* 2021 Sep;23(S3):S56-S65
- 2021 Martens TW, Beck RW, Bailey R, et al. *Effect of Continuous Glucose Monitoring on Glycemic Control in Patients with Type 2 Diabetes Treated with Basal Insulin: A Randomized Clinical Trial.* *JAMA.* 2021 Jun 8;325(22):2262-2272.
- 2021 Martens TW, Simonson GD, Carlson AL, Bergenstal RM. *Primary Care and Diabetes Technologies and Treatments.* *Diabetes Technology and Therapeutics.* Volume 23, Supplement 2, 2021.
- 2021 Martens TW, Lima JS, Johnson EA, Conry JA, Hoppe JJ, Bergenstal RM, Carlson AL, Davidson JL. *Trial of a New Diabetes Education Model: Closing the Gap in Health Disparity for People with Diabetes.* *J Diabetes Sci Technol.* 2021 May;15(3):568-574.
- 2021 Simonson GD, Bergenstal RM, Johnson ML, Davidson JL, Martens TW. *Effect of Professional CGM (pCGM) on Glucose Management in Type 2 Diabetes Patients in Primary Care.* *J Diabetes Sci Technol.* 2021 May;15(3):539-545.
- 2021 Simonson GD, Carlson AL, Martens TW, Bergenstal RM. *Type 2 Diabetes Mellitus in Adults.* *BMJ Best Practice.* <https://bestpractice.bmj.com/topics/en-us/24>. Accessed 4 June 2021.
- 2020 Martens TW, Bergenstal RM, Pearson T, Carlson AL, Scheiner G, Carlos C, Liao B, Syring K, Pollom RD. *Making sense of glucose metrics in diabetes: linkage between postprandial glucose (PPG), time in range (TIR) & hemoglobin A1c (A1C).* *Postgrad Med.* 2020 Dec 14:1-12.

- 2020 Peters A, Cohen N, Calhoun P, Ruedy KJ, Beck RW, Martens TW, Bao S, Njeru NM, Beck SE, Price DA. *Glycaemic profiles of diverse patients with type 2 diabetes using basal insulin: MOBILE study baseline data*. Diabetes Obes Metab. 2021 Feb;23(2):631-636.
- 2020 Carlson AL, Criego AB, Martens TW, Bergenstal RM. *HbA1c: The Glucose Management Indicator, Time in Range, and Standardization of Continuous Glucose Monitoring Reports in Clinical Practice*. Endocrinology and Metabolism Clinics of North America. (49) March 2020, 95-107
- 2020 Davidson JL, Johnson ML, Simonson GD, Criego AB, Martens TW, Carlson AL, Bergenstal RM. *International Diabetes Center: COVID-19 Won't Stop Us From Fulfilling Our Mission*. J Diabetes Sci Technol. 2020 Jul;14(4):725-726
- 2019 Johnson ML, Martens TW, Criego AB, Carlson AL, Simonson GD, Bergenstal RM. *Utilizing the Ambulatory Glucose Profile to Standardize and Implement Continuous Glucose Monitoring in Clinical Practice*. Diabetes Technology and Therapeutics. Volume (21) Supplement 2, 2019.
- 2013 Co-authored Park Nicollet Primary Care Sinusitis Management Protocol
- 1989 Eldridge SR, Martens TW, Sattler CA, Gould MN. *Association of decreased intracellular communication with the immortal but not the tumorigenic phenotype in human mammary epithelial cells*. Cancer Research. 49 (1989), 4326-4331.
- 1987 Veillard MM, Longer MA, Martens TW, Robinson JR. *Preliminary studies of oral mucosal delivery of peptide drugs*. Journal of Controlled Release. 6 (1987) 123-131.

Presentations

- 4 June 2021 “Primary Care and Diabetes Technologies and Treatments”
Plenary Session 2: ATTD Yearbook 2020.
Advanced Technologies and Treatments for Diabetes 2021 Scientific Meeting (ATTD 2021). Held virtual.
- 2 June 2021 “First presentation of study outcomes from a major multicenter trial using CGM in T2D: Effect of Continuous Glucose Monitoring on Glycemic Control in Patients with Type 2 Diabetes Treated with Basal Insulin: A Randomized Clinical Trial”
ATTD Forum- Online First Release .
In conjunction with Advanced Technologies and Treatments for Diabetes 2021 Scientific Meeting (ATTD 2021). Held virtual.

- 27 Oct 2020 "Understanding and Using Time in Range in Effective Diabetes Care"
Hands On: Tips to Improve Diabetes Care Webinar Series. AMA web based CME series for diabetes professionals. Web based.
- 22 Nov 2019 "Insulin Updates and Affordability"
33rd Annual Primary Care Update. Park Nicollet CME Professional Education Program for primary care clinicians. Minneapolis, Minnesota
- 7-11 June 2019 "Effect of Professional CGM (pCGM) on Glucose Management in Type 2 Diabetes Patients in Primary Care"
Martens TW, Bergenstal RM, Johnson ML, Davidson JL, Simonson GD. Abstract and poster, American Diabetes Association 79th Scientific Sessions.
- 13 April 2019 "Beyond A1c: Using Professional Continuous Glucose Monitoring to Improve Type 2 Diabetes Management in Primary Care"
Martens TW, Simonson GD. Clinical Skills Session. ACP Internal Medicine Meeting, Philadelphia, PA
- 21 Mar 2019 "Integrating Continuous Glucose Monitoring (CGM) in Primary Care"
Martens TW, Bergenstal R. Primary Care Noon Webex Series Park Nicollet Primary Care Professional Education CME series, Minneapolis, Minnesota
- 22 February 2019 "CGM Use in a Primary Care Network"
12th International Conference on Advanced Technologies & Treatments for Diabetes (ATTD 2019), 22 February 2019, Berlin, Germany
- November 9 2018 "Managing Type 2 Diabetes: Case Presentations"
Advanced Strategies for Diabetes Educators, International Diabetes Center Professional Education CME, Minneapolis, Minnesota
- November 8 2018 "Comprehensive Foot Exam"
Advanced Strategies for Diabetes Educators, International Diabetes Center Professional Education CME, Minneapolis, Minnesota
- 21 September 2018 "Using Ambulatory Glucose Profile (AGP) Reports for Shared Decision-Making with Type 2 Diabetes"
Diabetes Technology Symposium for Diabetes Professionals, International Diabetes Center Professional Education CME, Minneapolis, Minnesota
- 11 May 2018 "Improving Diabetes Outcomes and Team Approach to Diabetes Management"
Dr. Donnell D. Etwiler International Scholars Program, for visiting Endocrinologists, International Diabetes Center, Minneapolis, Minnesota

- 17 April 2018 “Professional CGM for Type 2 Diabetes Management”
Symposium for Advanced Diabetes Educators: Exploring the Many Facets of Diabetes Care, International Diabetes Center Professional Education CME, Minneapolis, Minnesota
- 22 September 2017 “What’s New in Clinical Type 2 Diabetes Management: 2017 Update”
Minnesota Society of Health System Pharmacists Midyear Clinical Meeting: Clinical Update
- 22 February 2017 “What’s New in Type II Diabetes Management-2017 Update for Primary Care”
Park Nicollet Primary Care-sponsored Webex for combined Park Nicollet and HealthPartners Group primary care providers, Park Nicollet Primary Care Noon Webex series, an accredited primary care conference series
- 7 December 2016 “Hypertension and Diabetes: Treating to Target”
International Diabetes Center-sponsored Webex for primary care staff at Carl T Curtis Health Education Center, Omaha Tribe of the Sioux, Macy, Nebraska
- 4 November 2016 “Non-Insulin Therapies in T2DM: Therapeutic Choices and Shared Decision Making “
International Diabetes Center-sponsored CME conference “Advanced Strategies for Diabetes Educators” accredited conference for advanced diabetes educators. International Diabetes Center Professional Education CME, Minneapolis, Minnesota
- 4 November 2016 “Inpatient Glucose Management “
International Diabetes Center-sponsored CME conference “Advanced Strategies for Diabetes Educators” accredited conference for advanced diabetes educators. International Diabetes Center Professional Education CME, Minneapolis, Minnesota
- 18 April 2016 “Diabetes Treatment Plans after Bariatric Surgery”
International Diabetes Center-sponsored CME conference “Symposium for Advanced Diabetes Educators” accredited conference for advanced diabetes educators and pharmacists. International Diabetes Center Professional Education CME, Minneapolis, Minnesota
- 3 March 2016- Present
(3 times annually) “Starting and Titrating Insulin Therapy”
International Diabetes Center-sponsored CME conference “Clinical Diabetes Management for Primary Care Clinicians” accredited conference for primary care clinicians. International Diabetes Center Professional Education CME, Minneapolis, Minnesota
- 3 March 2016- Present
(3 times annually) “Improving your Diabetes Outcomes”
International Diabetes Center-sponsored CME conference “Clinical Diabetes Management for Primary Care Clinicians” accredited

conference for primary care clinicians. International Diabetes Center Professional Education CME, Minneapolis, Minnesota

5 November 2015

“Type 2 Diabetes: Using Shared Decision Making to Select Medications or Advance Therapies”

International Diabetes Center-sponsored CME conference “Advanced Strategies for Diabetes Educators” accredited conference for advanced diabetes educators. International Diabetes Center Professional Education CME, Minneapolis, Minnesota