Bio

BIO
Tara Chang, MD, MS is a board-certified nephrologist who enjoys taking care of patients with all types of kidney diseases. She is also a certified Hypertension Specialist, and has a particular interest in treating patients with high blood pressure. In addition to her patient care duties, Dr. Chang maintains an active clinical research program, which focuses on studying cardiovascular disease in patients with chronic kidney disease. She has received grant funding from the National Institutes of Health and the American Heart Association.

Dr. Chang speaks conversational Mandarin. She enjoys jogging, yoga, and spending time with her husband, son and twin daughters.

CLINICAL FOCUS

- Nephrology
- hypertension
- chronic kidney disease
- dialysis

ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Medicine - Nephrology
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Director of Clinical Research, Stanford Division of Nephrology, (2016- present)

PROFESSIONAL EDUCATION

- Board Certification: Internal Medicine, American Board of Internal Medicine (2020)
- Board Certification: Nephrology, American Board of Internal Medicine (2020)
- Residency: University of California San Francisco Internal Medicine Residency (2006) CA
CURRENT RESEARCH AND SCHOLARLY INTERESTS

As a board-certified nephrologist, I see first-hand the pervasiveness of cardiovascular disease in patients with chronic kidney disease (CKD). As a trained epidemiologist and clinical researcher, I also see the lack of evidence available to guide treatment decision-making in CKD. Motivated by these evidence gaps, my research seeks to clarify questions about cardiovascular care in patients with CKD. My research specifically focuses on issues such as blood pressure control, coronary revascularization, and the comparative effectiveness of cardioprotective medications in patients with CKD, with the long-term goal of improving outcomes in these high-risk patients.

CLINICAL TRIALS

- CALM-2 - Controlling and Lowering Blood Pressure With the MobiusHD™, Recruiting
- Comparing Diuretic Strategies in Hospitalized Heart Failure, Not Recruiting

Publications

- **Kidney Case Conference Series: How We Manage Hypertension in a Patient with a Recent Stroke.** *Clinical journal of the American Society of Nephrology* : CJASN Chang, T. I., Bhalla, V.
  2020

- **Blood pressure in chronic kidney disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference** *KIDNEY INTERNATIONAL*
  2019; 95 (5): 1027–36

- **KDOQI US Commentary on the 2017 ACC/AHA Hypertension Guideline.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
  2019; 73 (4): 437–58

- **The effects of canagliflozin on heart failure and cardiovascular death by baseline participant characteristics: analysis of the CREDENCE trial**
  SPRINGER.2020: S61–S62

- **Does really central venous pressure affect the risk of diuretic-associated acute kidney injury after cardiac surgery?** *American heart journal*
  McCoy, I., Montez-Rath, M., Chertow, G., Chang, T.
  2020; 226: 252

- **Outcomes Among Patients With Left Ventricular Assist Devices Receiving Maintenance Outpatient Hemodialysis: A Case Series.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
  2020
• A Call for a New Paradigm for Diabetes Care in the Era of Sodium-Glucose Cotransporter2 Inhibitors (SGLT2i). *Cardiology and therapy*
  Kim, S. H., Chang, T. I., Mahaffey, K. W.
  2020

• Blood pressure and volume management in dialysis: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference *KIDNEY INTERNATIONAL*
  2020; 97 (5): 861–76

• CANAGLIFLOZIN (CANA) REDUCES CARDIOVASCULAR (CV) AND RENAL EVENTS INDEPENDENT OF BASELINE HEART FAILURE (HF): A CREDENCE SECONDARY ANALYSIS
  ELSEVIER SCIENCE INC.2020: 1018

• Outcomes after left ventricular assist device implantation in patients with acute kidney injury *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
  2020; 159 (2): 477-+

• Effect of Intensive Blood Pressure Lowering on the Risk of Atrial Fibrillation. *Hypertension (Dallas, Tex. : 1979)*
  2020: HYPERTENSIONAHA12014766

• Randomized elimination and prolongation of ACE inhibitors and ARBs in coronavirus 2019 (REPLACE COVID) Trial Protocol. *Journal of clinical hypertension (Greenwich, Conn.)*
  2020

• Blood pressure and volume management in dialysis: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. *Kidney international*
  2020

• Chronic kidney disease and valvular heart disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. *Kidney international*
  2019; 96 (4): 836–49

• Effect of Intensive and Standard Clinic-Based Hypertension Management on the Concordance Between Clinic and Ambulatory Blood Pressure and Blood Pressure Variability in SPRINT. *Journal of the American Heart Association*
  2019; 8 (14): e011706

• Association of Total Medication Burden With Intensive and Standard Blood Pressure Control and Clinical Outcomes: A Secondary Analysis of SPRINT. *Hypertension (Dallas, Tex. : 1979)*
  2019: HYPERTENSIONAHA11912907

• Canagliflozin and Renal Outcomes in Type 2 Diabetes and Nephropathy *NEW ENGLAND JOURNAL OF MEDICINE*
  2019; 380 (24): 2295–2306
• Comparison of routine and automated office blood pressure measurement. *Blood pressure monitoring*
  Cheng, R. Z., Bhalla, V., Chang, T. I.
  2019

• Predialysis Nephrology Care and Incident Atrial Fibrillation in Older Patients With ESKD Initiating Dialysis. *Kidney international reports*
  Anumudu, S., Airy, M., Erickson, K. F., Navaneethan, S. D., Chang, T. I., Winkelmayer, W. C., Niu, J.
  2019; 4 (5): 679–87

• Blood pressure in chronic kidney disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. *Kidney international*
  2019; 95 (5): 1027–36

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  2019; 4 (5): 679–87

• Cardiorenal Syndrome: Classification, Pathophysiology, Diagnosis, and Treatment Strategies A Scientific Statement From the American Heart Association *CIRCULATION*
  2019; 139 (16): E840–E878

• Response by Itoga et al to Letter Regarding Article, "Association of Blood Pressure Measurements With Peripheral Arterial Disease Events" *CIRCULATION*
  Itoga, N. K., Tawfik, D. S., Leeper, N. J., Chang, T. I.
  2019; 139 (15): 1855–56

• Response by Itoga et al to Letter Regarding Article, "Association of Blood Pressure Measurements With Peripheral Arterial Disease Events". *Circulation*
  Itoga, N. K., Tawfik, D. S., Leeper, N. J., Chang, T. I.
  2019; 139 (15): 1855–56

• Outcomes after left ventricular assist device implantation in patients with acute kidney injury. *The Journal of thoracic and cardiovascular surgery*
  2019

• Long-Term Changes in Kidney Function after Left Ventricular Assist Device Implant: An Analysis of the STS Intermacs Database
  ELSEVIER SCIENCE INC. 2019: S89–S90

• Timing of blood pressure medications and intradialytic hypotension. *Seminars in dialysis*
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• Central venous pressure and the risk of diuretic-associated acute kidney injury in patients after cardiac surgery. *American heart journal*
  McCoy, I. E., Montez-Rath, M. E., Chertow, G. M., Chang, T. I.
  2019; 221: 67–73

• Effect of Intensive and Standard Clinic-Based Hypertension Management on the Concordance Between Clinic and Ambulatory Blood Pressure and Blood Pressure Variability: Systolic Blood Pressure Intervention Trial (SPRINT)
  LIPPINCOTT WILLIAMS & WILKINS 2019

• Estimated effects of early diuretic use in critical illness. *Critical care explorations*
  McCoy, I. E., Montez-Rath, M. E., Chertow, G. M., Chang, T. I.
  2019; 1 (7)

• Sodium Excretion and Cardiovascular Outcomes in African American Patients With CKD: Findings From the African American Study of Kidney Disease and Hypertension. *Kidney medicine*
Canagliflozin review - safety and efficacy profile in patients with T2DM. *Diabetes Metabolic Syndrome and Obesity: Targets and Therapy*
Jakher, H., Chang, T. I., Tan, M., Mahaffey, K. W.

Patterns of diuretic use in the intensive care unit. *PloS one*
McCoy, I. E., Chertow, G. M., Chang, T. I.
2019; 14 (5): e0217911

Blood Pressure and Incident Atrial Fibrillation in Older Patients Initiating Hemodialysis. *Clinical journal of the American Society of Nephrology: CJASN*
2019

Chronic Kidney Disease and Coronary Artery Disease: JACC State-of-the-Art Review. *Journal of the American College of Cardiology*
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Dialysis Modality and Incident Atrial Fibrillation in Older Patients With ESRD. *American journal of kidney diseases: the official journal of the National Kidney Foundation*
2018

Risk Stratification and Treatment of Coronary Disease in Chronic Kidney Disease and End-Stage Kidney Disease. *Seminars in nephrology*
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Intensive Blood Pressure Targets and Kidney Disease. *Clinical journal of the American Society of Nephrology: CJASN*
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- Risk profiles for acute health events after incident atrial fibrillation in patients with end-stage renal disease on hemodialysis. *Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association*
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• Antihypertensive Medication Use in Older Patients Transitioning from Chronic Kidney Disease to End-Stage Renal Disease on Dialysis. *Clinical journal of the American Society of Nephrology*
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• The Association Between Antihypertensive Medication Nonadherence and Visit-to-Visit Variability of Blood Pressure *HYPERTENSION*
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