Stanford

Calyani Ganesan

Clinical Assistant Professor, Medicine - Nephrology

CLINICAL OFFICE (PRIMARY)

- **Nephrology Clinic**

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Bio

BIO

Calyani Ganesan, MD, MS is a general nephrologist with a focused interest in improving the care of patients with kidney stone disease through comprehensive metabolic evaluation, clinical research and multidisciplinary collaboration.

CLINICAL FOCUS

- Nephrology
- Kidney Stones

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Nephrology

HONORS AND AWARDS

- Ben J. Lipps Research Fellowship Award, American Society of Nephrology (2017-2019)
- K23 Mentored Patient-Oriented Research Career Development Award, National Institute of Diabetes and Digestive and Kidney Diseases, National Institute of Health (2022-2027)

PROFESSIONAL EDUCATION

- Medical Education: UCLA David Geffen School Of Medicine (2013) CA
- Board Certification: Nephrology, American Board of Internal Medicine (2019)
- MS, Stanford University , Epidemiology and Clinical Research (2019)
- Fellowship: Stanford University Nephrology Fellowship (2018) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (2017)
- Residency: UCSD Internal Medicine Residency (2016) CA
- Bachelor of Science, Caltech (2009)

Publications

PUBLICATIONS

- **A National Survey of Provider Practice Patterns for Evaluation and Management of Patients With Urinary Stone Disease.** *Kidney medicine*
  Jo, Y., Ganesan, C., Keo, L., Chertow, G. M., Christoph Soerensen, S. J., Montez-Rath, M., Leppert, J. T., Pao, A. C.
  2026; 8 (12): 101520

- **Outcomes following surgical management of urinary stone disease in older patients.** *The Canadian journal of urology*
  Song, J. J., Thomas, I. J., Herbert, A., Ganesan, C., Pao, A. C., Chang, T., Sun, R. R., T Leppert, J., L Conti, S.
  2026; 33 (4): 903-912

- **Nephrolithiasis: A Paleolithic Perspective and Physiological Approach to Prevention.** *Annual review of medicine*
  Ganesan, C., Frassetto, L., Pao, A. C.
  2026; 77 (1): 363-379

- **Limitations of ultrasound compared with computed tomography for kidney stone surveillance.** *Canadian Urological Association journal = Journal de l'Association des urologues du Canada*
  Sun, R., Sommer, E., Ganesan, C., Pao, A. C., Liao, J., Leppert, J., Chang, H., Conti, S., Chang, T.
  2025

- **Facility-Level Variation in Nephrology Care among Veterans after Urinary Stone Diagnosis.** *Kidney360*
  Thomas, K., Ganesan, C., Liu, S., Thomas, I. C., Montez-Rath, M. E., Christoph Soerensen, S. J., Chertow, G. M., Leppert, J. T., Pao, A. C.
  2024

- **Variation in Urology Care after Urinary Stone Surgery among Veterans at High-risk for Recurrence.** *Urology*
  Ganesan, C., Shahzad, S. R., Thomas, I. C., Montez-Rath, M. E., Soerensen, S. J., Chertow, G. M., Pao, A. C., Leppert, J. T.
  2024

- **The Clinical Study of Kidney Stone Disease and the Value of Specificity.** *Clinical journal of the American Society of Nephrology : CJASN*
  Pao, A. C., Ganesan, C.
  2024

- **Clinical Outcomes after a Kidney Stone Event in Kidney Transplant Recipients.** *Clinical journal of the American Society of Nephrology : CJASN*
  Ganesan, C., Liu, S., Montez-Rath, M., Leppert, J. T., Pao, A. C.
  2024

- **Estimated Effect of Parathyroidectomy on Long-Term Kidney Function in Adults With Primary Hyperparathyroidism.** *Annals of internal medicine*
  Seib, C. D., Ganesan, C., Tamura, M. K.
  2023; 176 (11): eL230280

- **The Nephrologist's Role in the Management of Kidney Cancer: A Renaissance.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
  Ganesan, C., Pao, A. C., Leppert, J. T.
  2023

- **Hypocitraturia and Risk of Bone Disease in Patients With Kidney Stone Disease.** *JBMR plus*
  Ganesan, C., Thomas, I. C., Montez-Rath, M. E., Chertow, G. M., Leppert, J. T., Pao, A. C.
  2023; 7 (9): e10786

- **A widely distributed gene cluster compensates for uricase loss in hominids.** *Cell*
  Liu, Y., Jarman, J. B., Low, Y. S., Augustijn, H. E., Huang, S., Chen, H., DeFeo, M. E., Sekiba, K., Hou, B. H., Meng, X., Weakley, A. M., Cabrera, A. V., Zhou, et al
  2023; 186 (16): 3400-3413.e20

- **Response to Alkali Administration in Women and Men With and Without CKD.** *Kidney medicine*
  Pao, A. C., Shahzad, S. R., Song, S., Ganesan, C., Conti, S., Leppert, J., Cheung, A. K., Ix, J. H., Isakova, T., Wolf, M., Raj, D. S., Sprague, S. M., Fried, et al
  2023; 5 (7): 100670

- **Groundwater constituents and the incidence of kidney cancer.** *Cancer*
  Soerensen, S. J., Montez-Rath, M. E., Cheng, I., Gomez, S. L., Oh, D. L., Jackson, C., Li, J., Rehkopf, D., Chertow, G. M., Langston, M. E., Ganesan, C., Pao, A. C., Chung, et al
  2023

- **Kidney Stone Events after Kidney Transplant in the United States.** *Clinical journal of the American Society of Nephrology : CJASN*
  Ganesan, C., Holmes, M., Liu, S., Montez-Rath, M., Conti, S., Chang, T. C., Lenihan, C. R., Cheng, X. S., Chertow, G. M., Leppert, J. T., Pao, A. C.
  2023

- **Estimated Effect of Parathyroidectomy on Long-Term Kidney Function in Adults With Primary Hyperparathyroidism.** *Annals of internal medicine*
  Seib, C. D., Ganesan, C., Furst, A., Pao, A. C., Chertow, G. M., Leppert, J. T., Suh, I., Montez-Rath, M. E., Harris, A. H., Trickey, A. W., Kebebew, E., Tamura, M. K.
  2023

- **Breaking the Cycle of Recurrent Calcium Stone Disease.** *Advances in kidney disease and health*
  Malieckal, D. A., Ganesan, C., Mendez, D. A., Pao, A. C.
  2023; 30 (2): 164-176

- **National Imaging Trends for Suspected Urinary Stone Disease in the Emergency Department.** *JAMA internal medicine*
  Ganesan, C., Stedman, M. R., Liu, S., Conti, S. L., Chertow, G. M., Leppert, J. T., Pao, A. C.
  2022

- **Medical Treatment and Prevention of Urinary Stone Disease.** *The Urologic clinics of North America*
  Spradling, K., Ganesan, C., Conti, S.
  2022; 49 (2): 335-344

- **Kidney stone events following parathyroidectomy vs. non-operative management for primary hyperparathyroidism.** *The Journal of clinical endocrinology and metabolism*
  Seib, C. D., Ganesan, C., Arnow, K. D., Pao, A. C., Leppert, J. T., Barreto, N. B., Kebebew, E., Tamura, M. K.
  2022

- **Renal Morbidity Following Radical Cystectomy in Patients with Bladder Cancer.** *European urology open science*
  Schmidt, B., Velaer, K. N., Thomas, I., Ganesan, C., Song, S., Pao, A. C., Thong, A. E., Liao, J. C., Chertow, G. M., Skinner, E. C., Leppert, J. T.
  1800; 35: 29-36

- **Twenty-four-hour Urine Testing and Urinary Stone Disease Recurrence in Veterans** *UROLOGY*
  Song, S., Thomas, I., Ganesan, C., Velaer, K. N., Chertow, G. M., Pao, A. C., Leppert, J. T.
  2022; 159: 33-40

- **Urine oxalate and citrate excretion in patients with kidney stone disease: An ab initio clinical prediction.** *Physiological reports*
  Ganesan, C., Pao, A. C.
  2021; 9 (15): e14966

- **Association of parathyroidectomy with 5-year clinically significant kidney stone events in patients with primary hyperparathyroidism.** *Endocrine practice : official journal of the American College of Endocrinology and the American Association of Clinical Endocrinologists*
  Seib, C. D., Ganesan, C., Arnow, K. D., Suh, I., Pao, A. C., Leppert, J. T., Tamura, M. K., Trickey, A. W., Kebebew, E.
  2021

- **Removing Race from eGFR calculations: Implications for Urologic Care.** *Urology*
  Vilson, F. L., Schmidt, B., White, L., Soerensen, S. J., Ganesan, C., Pao, A. C., Enemchukwu, E., Chertow, G. M., Leppert, J. T.
  2021

- **Osteoporosis, Fractures, and Bone Mineral Density Screening in Veterans With Kidney Stone Disease.** *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*
  Ganesan, C., Thomas, I., Romero, R., Song, S., Conti, S., Elliott, C., Chertow, G. M., Tamura, M. K., Leppert, J. T., Pao, A. C.
  2021

- **Analysis of Primary Hyperparathyroidism Screening Among US Veterans With Kidney Stones.** *JAMA surgery*

Ganesan, C., Weia, B., Thomas, I., Song, S., Velaer, K., Seib, C. D., Conti, S., Elliott, C., Chertow, G. M., Kurella Tamura, M., Leppert, J. T., Pao, A. C.

2020

- **The Urine Albumin-Creatinine Ratio and Kidney Function after Nephrectomy.** *The Journal of urology*

  Sun, A. J., Thomas, I., Velaer, K. N., Ganesan, C., Song, S., Pao, A. C., Wagner, T. H., Brooks, J. D., Chertow, G. M., Leppert, J. T.

  2020: 101097JU0000000000001005

- **Urinary Stone Disease in Pregnancy: A Claims-Based Analysis of 1.4 Million Patients.** *The Journal of urology*

  Sohlberg, E. M., Brubaker, W. D., Zhang, C. A., Anderegg, L. D., Dallas, K., Song, S., Ganesan, C., Chertow, G., Pao, A., Liao, J., Leppert, J. T., Elliott, C. S., Conti, et al

  2019: 101097JU0000000000000657

- **Ultra-low-dose CT: An Effective Follow-up Imaging Modality for Ureterolithiasis.** *Journal of endourology*

  Cheng, R. Z., Shkolyar, E., Chang, T. C., Spradling, K., Ganesan, C., Song, S., Pao, A. C., Leppert, J. T., Elliott, C. S., To'o, K., Conti, S. L.

  2019

- **Spironolactone plus patiromer: proceed with caution** *LANCET*

  Ganesan, C., Pao, A. C.

  2019; 394 (10208): 1486–88

- **Twenty-Four Hour Urine Testing and Prescriptions for Urinary Stone Disease-Related Medications in Veterans.** *Clinical journal of the American Society of Nephrology : CJASN*

  Song, S. n., Thomas, I. C., Ganesan, C. n., Sohlberg, E. M., Chertow, G. M., Liao, J. C., Conti, S. n., Elliott, C. S., Pao, A. C., Leppert, J. T.

  2019

- **Prevalence of twenty-four hour urine testing in Veterans with urinary stone disease.** *PloS one*

  Ganesan, C. n., Thomas, I. C., Song, S. n., Sun, A. J., Sohlberg, E. M., Kurella Tamura, M. n., Chertow, G. M., Liao, J. C., Conti, S. n., Elliott, C. S., Leppert, J. T., Pao, A. C.

  2019; 14 (8): e0220768

- **Regarding the possibility of anterior vascular injury from the posterior approach to the lumbar disc space: an anatomical study.** *Spine*

  Ganesan, C., Petrus, L., Ross, I. B.

  2012; 37 (22): E1371-5