



## Graham Abra

Clinical Associate Professor, Medicine - Nephrology

 Curriculum Vitae available Online

### CLINICAL OFFICE (PRIMARY)

- **Nephrology Clinic**

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Stanford, CA 94305

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### Bio

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#### CLINICAL FOCUS

- Nephrology
- Advanced chronic kidney disease
- Hypertension
- Peritoneal Dialysis
- Home Hemodialysis
- Prolonged nocturnal dialysis

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Medicine - Nephrology

#### ADMINISTRATIVE APPOINTMENTS

- Director of Inpatient Nephrology, Stanford Hospital, (2024- present)
- Chief Medical Officer, Home Therapies, Satellite Healthcare, (2021-2023)
- Vice President, Medical Affairs and Home Therapy, Satellite Healthcare, (2021-2021)
- Senior Director, Medical Clinical Affairs, Satellite Healthcare, (2019-2021)
- Director, Medical Clinical Affairs, Satellite Healthcare, (2015-2019)
- Medical Director, WellBound San Jose, (2015-2020)

#### HONORS AND AWARDS

- Clinical Scientist in Nephrology Fellow, American Kidney Fund (2011)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, United States Peritoneal Dialysis Outcomes and Practice Patterns Study (PDOPPS) Advisory Workgroup (2021 - present)
- Course Director, Home Dialysis Academy of Excellence (2020 - present)

- Member, International Society of Peritoneal Dialysis (2016 - present)
- Member, American Society of Nephrology (2014 - present)

## PROFESSIONAL EDUCATION

- Medical Education: University of California San Diego School of Medicine (2006) CA
- Board Certification, American Board of Internal Medicine , Internal Medicine (2019)
- Board Certification: Nephrology, American Board of Internal Medicine (2012)
- Fellowship: Stanford University Nephrology Fellowship (2012) CA
- Residency: UCSD Internal Medicine Residency (2010) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (2009)

## LINKS

- Home Dialysis Academy of Excellence: <https://hdexcellence.org/>
- NephJC: <http://www.nephjc.com/>
- Renal Fellow Network: <http://renalfellow.blogspot.com/>
- LinkedIn: [linkedin.com/in/graham-abra-md](https://www.linkedin.com/in/graham-abra-md)

## Publications

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### PUBLICATIONS

- **A Survey of Home Dialysis Competency, Exposure & Barriers Among Nephrology Fellows in the United States.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*  
El Shamy, O., Sparks, M. A., Shah, A. D., Bermudez, M., Salani, M., Abra, G., Stern, L., Collins, A., Aggarwal, V., Rivara, M. B., Shen, J. I., Berns, J. S.  
2026
- **Empowering Kidney Care: An ANNA-ASN Conference with Nurse-Physician Partners - Home Dialysis** *NEPHROLOGY NURSING JOURNAL*  
Abra, G., Liu, F., Todd, L., Freiburger, L., Foster-Smith, L.  
2026; 53 (1): 25-32
- **Ergothioneine Depletion in Peritoneal Dialysis.** *Kidney360*  
Keo, L. S., Suba, J. K., Pham, N. M., Abra, G. E., Yu, M. K., Sirich, T. L.  
2025
- **Properties of uremic solutes that allow their effective control by peritoneal dialysis.** *Peritoneal dialysis international : journal of the International Society for Peritoneal Dialysis*  
Sirich, T. L., Yalamarti, T., Suba, J. K., Keo, L. S., Pereira Ortiz, M., Chan, K. H., Yu, M. K., Abra, G. E., Meyer, T. W.  
2025: 8968608251403883
- **Staff-assisted peritoneal dialysis in the United States: from evidence to national adoption.** *Current opinion in nephrology and hypertension*  
Hussein, W. F., Abra, G.  
2025
- **How I Treat Nocturnal Home Hemodialysis - an under-prescribed but essential home dialysis modality in the United States.** *Clinical journal of the American Society of Nephrology : CJASN*  
Liu, F., Abra, G., Gupta, N., Schiller, B., Rivara, M. B.  
2025
- **Impact of a Longitudinal Virtual Education Series on Home Dialysis Education: A Mixed-Methods Evaluation.** *Clinical journal of the American Society of Nephrology : CJASN*  
Ye, W. W., Saxena, A., Leigh, K. A., Golper, T. A., Gould, E. R., Abra, G., Lea, J., Glickman, J., Keddem, S., Brensinger, C., Perl, J., Chan, C. T., Reddy, et al  
2025

- **Challenges and opportunities in managing individuals with obesity on peritoneal dialysis.** *Peritoneal dialysis international : journal of the International Society for Peritoneal Dialysis*  
Abra, G.  
2025; 45 (5): 257-259
- **Bundle Fix?: We Need an Act of Congress.** *Journal of the American Society of Nephrology : JASN*  
Abra, G., Shah, A. D.  
2025
- **Description and outcomes of a staff-assisted peritoneal dialysis program in the United States.** *Peritoneal dialysis international : journal of the International Society for Peritoneal Dialysis*  
Hussein, W. F., Chen, S., Bennett, P. N., Atwal, J., Abra, G., Weinhandl, E., Zheng, S., Pravoverov, L., Schiller, B.  
2024: 8968608241259607
- **Assisted peritoneal dialysis: Position paper for the ISPD.** *Peritoneal dialysis international : journal of the International Society for Peritoneal Dialysis*  
Oliver, M. J., Abra, G., Béchade, C., Brown, E. A., Sanchez-Escuredo, A., Johnson, D. W., Guedes, A. M., Graham, J., Fernandes, N., Jha, V., Kabbali, N., Knananjubach, T., Kam-Tao Li, et al  
2024: 8968608241246447
- **Exploring Preconceptions as Barriers to Peritoneal Dialysis Eligibility: A Global Scenario-Based Survey of Kidney Care Physicians.** *Kidney international reports*  
Shah, N., Bennett, P. N., Cho, Y., Leibowitz, S., Abra, G., Kanjanabuch, T., Baharani, J.  
2024; 9 (4): 941-950
- **Home-Based Dialysis: A Primer for the Internist.** *Annual review of medicine*  
Rope, R., Ryan, E., Weinhandl, E. D., Abra, G. E.  
2023
- **Predicting transfer to haemodialysis using the peritoneal dialysis surprise question.** *Peritoneal dialysis international : journal of the International Society for Peritoneal Dialysis*  
Anwaar, A., Liu, S., Montez-Rath, M., Neilsen, H., Sun, S., Abra, G., Schiller, B., Hussein, W. F.  
2023: 8968608231214143
- **Patient-Centered Home Hemodialysis: Approaches and Prescription.** *Clinical journal of the American Society of Nephrology : CJASN*  
El Shamy, O., Abra, G., Chan, C.  
2023
- **Setting Up Home Dialysis Programs: Now and In the Future.** *Clinical journal of the American Society of Nephrology : CJASN*  
Abra, G. E., Weinhandl, E. D., Hussein, W. F.  
2023
- **Peritoneal Dialysis-Related Drain Pain and Patient and Treatment Characteristics: Findings From the Peritoneal Dialysis Outcomes and Practice Patterns Study (PDOPPS).** *American journal of kidney diseases : the official journal of the National Kidney Foundation*  
Aga, Z., McCullough, K., Pisoni, R. L., Zhao, J., Fukasawa, M., Oh, K., Wilson, S., Abra, G., Gupta, N., Kanjanabuch, T., Figueiredo, A. E., Perl, J., PDOPPS Steering Committee Members, et al  
2023
- **The Implementation of a Virtual Home Dialysis Mentoring Program for Nephrologists.** *Kidney360*  
Abra, G., Poyan Mehr, A., Chan, C. T., Schiller, B.  
2022; 3 (4): 734-736
- **SARS-CoV-2 Booster Vaccine Response among Patients Receiving Dialysis.** *Clinical journal of the American Society of Nephrology : CJASN*  
Garcia, P., Han, J., Montez-Rath, M., Sun, S., Shang, T., Parsonnet, J., Chertow, G., Anand, S., Schiller, B., Abra, G.  
2022
- **Implementation of a Staff-Assisted Peritoneal Dialysis Program in the United States: A Feasibility Study.** *Clinical journal of the American Society of Nephrology : CJASN*  
Hussein, W. F., Bennett, P. N., Anwaar, A., Atwal, J., Legg, V., Abra, G., Zheng, S., Pravoverov, L., Schiller, B.  
2022

- **COVID19 Vaccine Type and Humoral Immune Response in Patients Receiving Dialysis.** *Journal of the American Society of Nephrology : JASN*  
Garcia, P., Anand, S., Han, J., Montez-Rath, M., Sun, S., Shang, T., Parsonnet, J., Chertow, G., Schiller, B., Abra, G.  
2021
- **Integrating Patient Activation Into Dialysis Care.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*  
Hussein, W. F., Bennett, P. N., Abra, G., Watson, E., Schiller, B.  
2021
- **Pulling the goalie: What the United States and the world can learn from Canada about growing home dialysis.** *Peritoneal dialysis international : journal of the International Society for Peritoneal Dialysis*  
Abra, G., Weinhandl, E. D.  
2021: 8968608211034696
- **Systematic Review of Early Immune Response to SARS-CoV-2 Vaccination Among Patients with Chronic Kidney Disease.** *Kidney international reports*  
Carr, E. J., Kronbichler, A., Graham-Brown, M., Abra, G., Argyropoulos, C., Harper, L., Lerma, E. V., Suri, R. S., Topf, J., Willicombe, M., Hiremath, S.  
2021
- **The Use of Virtual Physician Mentoring to Enhance Home Dialysis Knowledge and Uptake.** *Nephrology (Carlton, Vic.)*  
Ashley, J., Abra, G., Schiller, B., Bennett, P. N., Mehr, A. P., Bargman, J. M., Chan, C. T.  
2021
- **Peritoneal Dialysis Following Left Ventricular Assist Device Placement and Kidney Recovery: A Case Report** *Kidney Medicine*  
Ajuria, M., Franz, D. D., Morris III, J. T., Abra, G., Hussein, W. F.  
2021; 3 (3): 438-441
- **Self-care training using the Tablo hemodialysis system.** *Hemodialysis international. International Symposium on Home Hemodialysis*  
Plumb, T. J., Alvarez, L., Ross, D. L., Lee, J. J., Mulhern, J. G., Bell, J. L., Abra, G. E., Prichard, S. S., Chertow, G. M., Aragon, M. A.  
2020
- **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*  
Franz, D. D., Hussein, W. F., Abra, G., Diskin, C. D., Duggal, V., Teuteberg, J. J., Chang, T. I., Schiller, B.  
2020
- **Myelin bodies in LMX1B-associated nephropathy: potential for misdiagnosis.** *Pediatric nephrology (Berlin, Germany)*  
Lei, L., Oh, G., Sutherland, S., Abra, G., Higgins, J., Sibley, R., Troxell, M., Kambham, N.  
2020
- **Public policy and programs - Missing links in growing home dialysis in the United States.** *Seminars in dialysis*  
Abra, G. n., Schiller, B. n.  
2020
- **Update and review of renal artery stenosis.** *Disease-a-month : DM*  
Colbert, G. B., Abra, G. n., Lerma, E. V.  
2020: 101118
- **Use of a gentamicin-citrate lock leads to lower catheter-related bloodstream infection rates and reduced cost of care in hemodialysis patients.** *Hemodialysis international. International Symposium on Home Hemodialysis*  
Hussein, W. F., Gomez, N. n., Sun, S. J., Yu, J. n., Yang, F. n., Ajuria, M. n., Abra, G. E., Schiller, B. n.  
2020
- **Safety and efficacy of the Tablo hemodialysis system for in-center and home hemodialysis.** *Hemodialysis international. International Symposium on Home Hemodialysis*  
Plumb, T. J., Alvarez, L., Ross, D. L., Lee, J. J., Mulhern, J. G., Bell, J. L., Abra, G., Prichard, S. S., Chertow, G. M., Aragon, M. A.  
2019
- **The effect of blood flow rate on dialysis recovery time in patients undergoing maintenance hemodialysis: A prospective, parallel-group, randomized controlled trial** *HEMODIALYSIS INTERNATIONAL*  
Duggal, V., Hussein, W. F., Reiterman, M., Sun, S. J., Abra, G. E., Schiller, B.

2019; 23 (2): 223–29

- **Timing of initiation of dialysis: time for a new direction?** *CURRENT OPINION IN NEPHROLOGY AND HYPERTENSION*  
Abra, G., Tamura, M. K.  
2012; 21 (3): 329-333
- **Reversible hepatic and lipid abnormalities with nonprescription anabolic-androgenic steroid use in 2 HIV-infected men** *CLINICAL INFECTIOUS DISEASES*  
Abra, G. E., Lonergan, J. T.  
2006; 42 (1): 151-152
- **The Peritoneal Dialysis Transfer Set Replacement Procedure.** *Nephrology nursing journal : journal of the American Nephrology Nurses' Association*  
Funes, I. n., Velasquez, K. n., Doss-McQuitty, S. n., Hussein, W. F., Abra, G. n., Anantiyo, P. n., Bennett, P. N., Schiller, B. n.  
; 47 (4): 343–46