Stanford



Kelsey Hirotsu, MD

Clinical Assistant Professor, Dermatology

CLINICAL OFFICE (PRIMARY)

- **Stanford Dermatology**

  440 Broadway St Ste B45

  4th Fl Pav B

  Redwood City, CA 94063

  Tel (650) 723-6316 **Fax** (650) 721-3476

ACADEMIC CONTACT INFORMATION

- **Academic Office**

  Stephanie Sayong - Administrative Associate

  Email ssayong@stanford.edu

Bio

BIO

Dr. Kelsey Hirotsu is a Clinical Assistant Professor of Dermatology at Stanford University School of Medicine. She completed her fellowship in Mohs Micrographic Surgery & Dermatologic Oncology at the University of California San Diego. During fellowship she received additional training in cosmetic dermatology and laser procedures. She completed her dermatology residency at Stanford after graduating from Stanford University School of Medicine with a scholarly concentration in bioengineering. Dr. Hirotsu earned her Bachelor of Science degree in Chemical & Biomolecular Engineering at Johns Hopkins University.

Dr. Hirotsu has presented at national and international dermatology conferences. She is a regularly invited reviewer for peer-reviewed journals and has authored numerous publications in top dermatology journals.

CLINICAL FOCUS

- Dermatologic Surgery
- Mohs Micrographic Surgery
- Micrographic Dermatologic Surgery

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Dermatology

PROFESSIONAL EDUCATION

- Fellowship: UCSD Dermatology Fellowships (2022) CA
- Residency: Stanford University Dermatology Residency (2021) CA
- Internship: Scripps Mercy Hospital San Diego (2018) CA
- Medical Education: Stanford University School of Medicine (2017) CA
- Board Certification: Micrographic Dermatologic Surgery, American Board of Dermatology (2022)

- Board Certification: Dermatology, American Board of Dermatology (2021)

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Kimiya Aframian, Sonya Gupta

Publications

PUBLICATIONS

- **Pulsed Dye Laser for Sensory Dysesthesias Associated With Chronic Radiation Dermatitis** *JOURNAL OF DRUGS IN DERMATOLOGY*
  Linggonegoro, D., Kwong, B., Hirotsu, K.
  2026; 25 (10): 968-970

- **Prognostic determinants of early and late relapse in cutaneous squamous cell carcinoma: a multicenter retrospective cohort study.** *Journal of the American Academy of Dermatology*
  Rodriguez-Conde, S., Cardona-Machado, C. D., Ran, N. A., Granger, E. E., Girardi, F. M., Shahwan, K. T., Srivastava, D., Nijhawan, R. I., Vidimos, A. T., Willenbrink, T. J., Wysong, A., Brodland, D. G., Carr, et al
  2026

- **Mohs micrographic surgery versus wide local excision for recurrent cutaneous squamous cell carcinoma.** *JAAD international*
  Ran, N. A., Cardona-Machado, C., Granger, E. E., Brodland, D. G., Carr, D. R., Carter, J. B., Carucci, J. A., Hirotsu, K. E., Koyfman, S. A., Mangold, A. R., Girardi, F. M., Shahwan, K. T., Srivastava, et al
  2026; 27: 93-96

- **Prognostic Factors in Primary Head and Neck Cutaneous Squamous Cell Carcinoma: A Large-Scale, Multi-Institutional Competing-Risks Analysis.** *Journal of surgical oncology*
  Girardi, F. M., Machado, C. D., Wysong, A., Ran, N. A., Granger, E. E., Koyfman, S. A., Vidimos, A. T., Carr, D. R., Shahwan, K. T., Hirotsu, K. E., Carucci, J. A., Carter, J. B., Mangold, et al
  2026

- **Low incidence of named nerve PNI in high-risk cutaneous squamous cell carcinoma treated with Mohs micrographic surgery**
  Aframian, K., Dominquez, J., Gonzalez, B., Kibbi, N., Asai, S., Gensheimer, M., Hirotsu, K.
  MOSBY-ELSEVIER.2026: AB291

- **Incidence of Named Nerve Perineural Invasion in High-Risk Cutaneous Squamous Cell Carcinoma Treated With Mohs Micrographic Surgery at a Single Academic Institution.** *Dermatologic surgery : official publication for American Society for Dermatologic Surgery [et al.]*
  Aframian, K., Lopez Dominquez, J., Gensheimer, M., Hirotsu, K.
  2026

- **Prognostic determinants of early and late relapse in cutaneous squamous cell carcinoma: a multicenter retrospective cohort study.** *Journal of the American Academy of Dermatology*
  Rodriguez-Conde, S., Cardona-Machado, C. D., Ran, N. A., Granger, E. E., Girardi, F. M., Shahwan, K. T., Srivastava, D., Nijhawan, R. I., Vidimos, A. T., Willenbrink, T. J., Wysong, A., Brodland, D. G., Carr, et al
  2026

- **International Variability in Cutaneous Squamous Cell Carcinoma Management and Outcomes: An Exploratory Analysis From the United States, Spain, and Brazil.** *International journal of dermatology*
  Hallak, D., Ran, N. A., Carr, D. R., Ruiz, E. S., Granger, E. E., Koyfman, S., Vidimos, A., Wysong, A., Hirotsu, K., Carucci, J. A., Carter, J. B., Mangold, A. R., Brodland, et al
  2026

- **Endocrine mucin-producing sweat gland carcinoma of the eyelid in an elderly male: A case report.** *American journal of ophthalmology case reports*
  Ha, S. K., Woldetensaye, A., Brown, R. A., Hirotsu, K. E., Kinde, B.
  2025; 40: 102471

- **Excision With Total Margin Control Versus Vertical Section Margin Assessment for NCCN Very High-Risk Cutaneous Squamous Cell Carcinoma** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
  Wang, D. M., Ran, N. A., Granger, E. E., Koyfman, S., Vidimos, A., Wysong, A., Carr, D. R., Shahwan, K. T., Hirotsu, K. E., Carucci, J. A., Carter, J. B., Canueto, J., Girardi, et al
  2025; 23 (12)

- **Adjuvant radiation is associated with reduced risks of local recurrence and nodal metastasis in high-risk localized cutaneous squamous cell carcinoma: a retrospective multicenter cohort study.** *International journal of radiation oncology, biology, physics*
  Ran, N. A., Granger, E. E., Brodland, D. G., Canueto, J., Carr, D. R., Carter, J. B., Carucci, J. A., Hirotsu, K. E., Lotter, W., Mangold, A. R., Girardi, F. M., Nijhawan, R., Shahwan, et al
  2025

- **Risk of recurrence, metastasis, and death for cutaneous squamous cell carcinomas with solitary large caliber perineural invasion: A multicenter cohort study.** *Journal of the American Academy of Dermatology*
  Ran, N. A., Granger, E. E., Koyfman, S., Vidimos, A., Wysong, A., Carr, D. R., Shahwan, K. T., Hirotsu, K. E., Carucci, J. A., Carter, J. B., Canueto, J., Muradas Girardi, F., Mangold, et al
  2025

- **Patterns of Disease-Specific Death from Cutaneous Squamous Cell Carcinoma: A Multicenter Retrospective Cohort.** *Journal of the American Academy of Dermatology*
  Gibson, F. T., Ran, N. A., Karn, E. E., Groover, M., Brodland, D. G., Canueto, J., Carr, D. R., Carter, J. B., Carucci, J. A., Hirotsu, K. E., Koyfman, S. A., Mangold, A. R., Girardi, et al
  2025

- **Recurrent status is associated with poor outcomes in cutaneous squamous cell carcinoma.** *Journal of the European Academy of Dermatology and Venereology : JEADV*
  Cardona-Machado, C., Ran, N. A., Granger, E. E., Brodland, D. G., Carr, D. R., Carter, J. B., Carucci, J. A., Hirotsu, K. E., Koyfman, S. A., Mangold, A. R., Muradas Girardi, F., Shahwan, K. T., Srivastava, et al
  2025

- **Performance of Staging Systems for Non-head and Neck Cutaneous Squamous Cell Carcinoma.** *American journal of clinical dermatology*
  Voller, L. M., Hirotsu, K. E., Aasi, S. Z., Nikahd, M., Ruiz, E., Ran, N., Granger, E. E., Koyfman, S., Vidimos, A., Wysong, A., Carucci, J. A., Carter, J. B., Canueto, et al
  2025

- **Impact of Immunosuppression on Cutaneous Squamous Cell Carcinoma Outcomes.** *Journal of the American Academy of Dermatology*
  Klein, J. C., Shahwan, K. T., Petric, U. B., Mallela, T., Voller, L., Ruiz, E., Ran, N., Granger, E. E., Koyfman, S., Vidimos, A., Wysong, A., Hirotsu, K., Carucci, et al
  2025

- **Dermatology Scheduling Triage of Transplant Patients and Transplant Candidates to Improve Early Diagnosis and Prevention of Skin Cancer: International Immunosuppression and Transplant Skin Cancer Collaborative Expert Consensus Recommendations.** *Transplant international : official journal of the European Society for Organ Transplantation*
  Hirotsu, K. E., Crowe, L., Michalski-McNeely, B., Arron, S. T., Bibee, K., Bottomley, M. J., Carr, D. R., Carter, J. B., Christensen, S. R., Chung, C., Jambusaria, A., Ken, K. M., Loss, et al
  2025; 38: 14711

- **Risk factors for regional or distant metastatic disease in sebaceous carcinoma: a retrospective cohort study from the National Cancer Database.** *Journal of the American Academy of Dermatology*
  Maloney, N. J., Zacher, N. C., Aasi, S. Z., Hirotsu, K. E., Zaba, L. C., Kibbi, N.
  2025

- **Validation of Current Staging Systems in HNCSCC: A Multinational Cohort Study.** *Head & neck*
  Girardi, F. M., Wagner, V. P., Machado, C. D., Wysong, A., Ran, N. A., Granger, E. E., Koyfman, S. A., Vidimos, A. T., Carr, D. R., Shahwan, K. T., Hirotsu, K. E., Carucci, J. A., Carter, et al
  2025

- **Satellitosis/in-transit metastasis in cutaneous squamous cell carcinoma: Risk factors and the prognostic significance.** *Journal of the American Academy of Dermatology*
  Pahalyants, V., Jairath, N. K., Maas, D. E., Cheraghlou, S., Mandal, S., Friedman, S., Criscito, M. C., Lee, N., Doudican, N. A., Ruiz, E. S., Ran, N., Granger, E. E., Koyfman, et al
  2025

- **Protocol for establishing a large, international, multicenter cutaneous squamous cell carcinoma database** *ARCHIVES OF DERMATOLOGICAL RESEARCH*

  Hallak, D., Ruiz, E., Ran, N., Granger, E. E., Jambusaria-Pahlajani, A., Koyfman, S., Vidimos, A., Wysong, A., Hirotsu, K., Carucci, J. A., Carter, J. B., Canueto, J., Girardi, et al

  2025; 317 (1)

- **Subclinical extension of cutaneous squamous cell carcinoma may predict poor outcomes in immunosuppressed patients treated with Mohs micrographic surgery: A retrospective cohort review.** *Journal of the American Academy of Dermatology*

  Voller, L. M., Dominguez, J. L., Valencia, A., Maloney, N., Kibbi, N., Aasi, S. Z., Hirotsu, K. E.

  2025

- **Lymphovascular invasion is an independent predictor of metastasis and disease-specific death in cutaneous squamous cell carcinoma: a multicenter retrospective study.** *Journal of the American Academy of Dermatology*

  Hirotsu, K. E., Aasi, S. Z., Samson, K. K., Zheng, C., Nazaroff, J. R., Voller, L. M., Ruiz, E. S., Ran, N. A., Granger, E. E., Koyfman, S. A., Vidimos, A. T., Carr, D. R., Shahwan, et al

  2025

- **A multicenter validation study of Mohs micrographic surgery vs wide local excision in primary high-stage cutaneous squamous cell carcinoma.** *Journal of the American Academy of Dermatology*

  Wang, D. M., Ran, N. A., Granger, E. E., Koyfman, S., Vidimos, A., Wysong, A., Carr, D. R., Shahwan, K. T., Hirotsu, K. E., Carucci, J. A., Carter, J. B., Canueto, J., Girardi, et al

  2025

- **Risk Factor Number and Recurrence, Metastasis, and Disease-Related Death in Cutaneous Squamous Cell Carcinoma.** *JAMA dermatology*

  Ran, N. A., Granger, E. E., Brodland, D. G., Canueto, J., Carr, D. R., Carter, J. B., Carucci, J. A., Hirotsu, K. E., Koyfman, S. A., Mangold, A. R., Girardi, F. M., Shahwan, K. T., Srivastava, et al

  2025

- **riSCC: A personalized risk model for the development of poor outcomes in cutaneous squamous cell carcinoma.** *Journal of the American Academy of Dermatology*

  Jambusaria-Pahlajani, A., Jeanselme, V., Wang, D. M., Ran, N. A., Granger, E. E., Canueto, J., Brodland, D. G., Carr, D. R., Carter, J. B., Carucci, J. A., Hirotsu, K. E., Karn, E. E., Koyfman, et al

  2025

- **Identifying the Impact of Minor Risk Factors in Brigham and Women's Hospital Stage T1 Cutaneous Squamous Cell Carcinomas on Risk of Poor Outcomes: A Retrospective Cohort Study.** *Journal of the American Academy of Dermatology*

  Shahwan, K. T., Walker, T. D., Tan, A., Ruiz, E., Ran, N., Granger, E. E., Koyfman, S., Vidimos, A., Wysong, A., Hirotsu, K. E., Carucci, J. A., Carter, J. B., Canueto, et al

  2025

- **5-fluorouracil 5% cream for squamous cell carcinoma in situ: Factors impacting treatment response.** *Journal of the American Academy of Dermatology*

  Lin, C. P., Kibbi, N., Bandali, T., Hirotsu, K., Aasi, S. Z.

  2024

- **Most cutaneous squamous cell carcinoma recurrences occur in the first three years after diagnosis: A multicenter retrospective cohort study.** *Journal of the American Academy of Dermatology*

  Granger, E. E., Ran, N. A., Groover, M. K., Koyfman, S. A., Vidimos, A. T., Wysong, A., Carr, D. R., Shahwan, K. T., Hirotsu, K. E., Carucci, J. A., Carter, J. B., Canueto, J., Girardi, et al

  2024

- **Histopathologic Characterization of Incidental Lesions Encountered During Mohs Micrographic Surgery With MART-1 Immunohistochemistry.** *Dermatologic surgery : official publication for American Society for Dermatologic Surgery [et al.]*

  Hirotsu, K. E., Kibbi, N., Rieger, K. E., Aasi, S. Z.

  2023

- **Association of histopathological grade with stage and survival in sebaceous carcinoma: a retrospective cohort study in the National Cancer Database.** *Journal of the American Academy of Dermatology*

  Maloney, N. J., Zacher, N. C., Aasi, S. Z., Hirotsu, K. E., Zaba, L. C., Kibbi, N.

  2023

- **Online risk calculator and nomogram for predicting sentinel lymph node positivity in Merkel Cell Carcinoma.** *Journal of the American Academy of Dermatology*
  Maloney, N. J., Aasi, S. Z., Kibbi, N., Hirotsu, K. E., Zaba, L. C.
  2023
- **Comparison of clinicopathologic features, survival, and demographics in sebaceous carcinoma patients with and without Muir-Torre syndrome.** *Journal of the American Academy of Dermatology*
  Maloney, N. J., Zacher, N. C., Hirotsu, K. E., Rajan, N., Aasi, S. Z., Kibbi, N.
  2023
- **Positive surgical margins in sebaceous carcinoma: risk factors and prognostic impact.** *Journal of the American Academy of Dermatology*
  Maloney, N. J., Aasi, S. Z., Hirotsu, K. E., Zaba, L. C., Kibbi, N.
  2023
- **Acanthosis nigricans in the setting of severe pulmonary disease exacerbated by COVID-19 infection.** *JAAD case reports*
  Hirotsu, K. E., Chiang, A., Bahrani, E., Cloutier, J. M., Rieger, K. E., Kwong, B. Y., Aleshin, M.
  2022
- **Histologic subtype of cutaneous immune-related adverse events predicts overall survival in patients receiving immune checkpoint inhibitors.** *Journal of the American Academy of Dermatology*
  Hirotsu, K. E., Scott, M. K., Marquez, C., Tran, A. T., Rieger, K. E., Novoa, R. A., Robinson, W. H., Kwong, B. Y., Zaba, L. C.
  2021
- **Complete remission from intralesional talimogene laherparepvec for regionally advanced Merkel cell carcinoma in an immunocompromised solid organ transplant patient.** *JAAD case reports*
  Hirotsu, K. E., Hua, V., Tran, A. T., Morris, L., Reddy, S. A., Kwong, B. Y., Zaba, L. C.
  2021; 13: 144-146
- **Clinical Characterization of Mogamulizumab-Associated Rash During Treatment of Mycosis Fungoides or Sezary Syndrome.** *JAMA dermatology*
  Hirotsu, K. E., Neal, T. M., Khodadoust, M. S., Wang, J. Y., Rieger, K. E., Strelo, J., Hong, E., Kim, Y. H., Kwong, B. Y.
  2021
- **An ulcerated violaceous nodule on the thigh.** *JAAD case reports*
  Hirotsu, K. E., Kumar, A. M., Rieger, K. E., Chen, J. K.
  2021; 9: 61–63
- **Histopathologic Characterization of Mogamulizumab-associated Rash.** *The American journal of surgical pathology*
  Wang, J. Y., Hirotsu, K. E., Neal, T. M., Raghavan, S. S., Kwong, B. Y., Khodadoust, M. S., Brown, R. A., Novoa, R. A., Kim, Y. H., Rieger, K. E.
  2020
- **Clinicopathologic characterization of enfortumab vedotin-associated cutaneous toxicity in patients with urothelial carcinoma.** *Journal of the American Academy of Dermatology*
  Hirotsu, K. E., Rana, J. n., Wang, J. Y., Raghavan, S. S., Rieger, K. E., Srinivas, S. n., Fan, A. C., Kwong, B. Y., Novoa, R. A., Zaba, L. n.
  2020
- **Treatment of Hypertrophic Granulation Tissue: A Literature Review.** *Dermatologic surgery : official publication for American Society for Dermatologic Surgery [et al.]*
  Hirotsu, K., Kannan, S., Brian Jiang, S. I.
  2019
- **Association of Antibiotic Resistance With Antibiotic Use for Epidermal Growth Factor Receptor Inhibitor-Related Papulopustular Eruption** *JAMA DERMATOLOGY*
  Hirotsu, K., Dang, T. M., Li, S., Neal, J. W., Pugliese, S., Subramanian, A., Kwong, B. Y.
  2019; 155 (7): 848–50
- **Association of Antibiotic Resistance With Antibiotic Use for Epidermal Growth Factor Receptor Inhibitor-Related Papulopustular Eruption.** *JAMA dermatology*
  Hirotsu, K. n., Dang, T. M., Li, S. n., Neal, J. W., Pugliese, S. n., Subramanian, A. n., Kwong, B. Y.
  2019

- **Cardiotoxicity associated with immune checkpoint inhibitors in cutaneous oncology.** *Journal of the American Academy of Dermatology*
  Tabata, M. M., Choi, S. n., Hirotsu, K. n., Kwong, B. n., Soleymani, T. n.
  2019

- **Geometric Deformations of the Thoracic Aorta and Supra-Aortic Arch Branch Vessels Following Thoracic Endovascular Aortic Repair** *VASCULAR AND ENDOVASCULAR SURGERY*
  Ullery, B. W., Suh, G., Hirotsu, K., Zhu, D., Lee, J. T., Dake, M. D., Fleischmann, D., Cheng, C. P.
  2018; 52 (3): 173–80

- **Promoting sunscreen use and sun-protective practices in NCAA athletes: Impact of SUNSPORT educational intervention for student-athletes, athletic trainers, and coaches** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Ally, M. S., Swetter, S. M., Hirotsu, K. E., Gordon, J., Kim, D., Wysong, A., Donnelly, L., Li, S., Nord, K. M.
  2018; 78 (2): 289-+

- **Changes in Geometry and Cardiac Deformation of the Thoracic Aorta after Thoracic Endovascular Aortic Repair**
  Hirotsu, K., Suh, G., Lee, J. T., Dake, M. D., Fleischmann, D., Cheng, C. P.
  ELSEVIER SCIENCE INC.2018: 83–89

- **Changes in Geometry and Cardiac Deformation of the Thoracic Aorta after Thoracic Endovascular Aortic Repair.** *Annals of vascular surgery*
  Hirotsu, K., Suh, G., Lee, J. T., Dake, M. D., Fleischmann, D., Cheng, C. P.
  2017

- **Localized bullous pemphigoid in a melanoma patient with dual exposure to PD-1 checkpoint inhibition and radiation therapy.** *JAAD case reports*
  Hirotsu, K. n., Chiou, A. S., Chiang, A. n., Kim, J. n., Kwong, B. Y., Pugliese, S. n.
  2017; 3 (5): 404–6

- **Volumetric analysis demonstrates that true and false lumen remodeling persists for 12 months after thoracic endovascular aortic repair** *JOURNAL OF VASCULAR SURGERY CASES AND INNOVATIVE TECHNIQUES*
  Suh, G., Hirotsu, K., Beygui, R. E., Dake, M. D., Fleischmann, D., Cheng, C. P.
  2016; 2 (3): 101–4

- **Volumetric analysis demonstrates that true and false lumen remodeling persists for 12 months after thoracic endovascular aortic repair.** *Journal of vascular surgery cases and innovative techniques*
  Suh, G. Y., Hirotsu, K., Beygui, R. E., Dake, M. D., Fleischmann, D., Cheng, C. P.
  2016; 2 (3): 101-104

- **Geometric analysis of thoracic aorta and arch branches before and after TEVAR**
  Suh, G., Hirotsu, K., Zhu, Y. D., Lee, J., Dake, M., Fleischmann, D., Cheng, C.
  ELSEVIER SCIENCE INC.2015: B129