

# Stanford

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## Tait Shanafelt

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Medicine - Hematology

### CLINICAL OFFICES

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### ACADEMIC CONTACT INFORMATION

#### • Alternate Contact

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## Bio

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### CLINICAL FOCUS

- Hematology
- Chronic Lymphocytic Leukemia (CLL)
- Hairy Cell Leukemia
- Large Granular Lymphocytic Leukemia (LGL)

### ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Medicine - Hematology

### PROFESSIONAL EDUCATION

- Board Certification: Hematology, American Board of Internal Medicine (2005)
- Fellowship: Mayo Graduate School of Medicine (2005) MN
- Board Certification: Medical Oncology, American Board of Internal Medicine (2004)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2001)
- Residency: University of Washington Medical Center Dept of Medicine (2001) WA
- Medical Education: University of Colorado Health Science Center (1998) CO

## Research & Scholarship

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### CLINICAL TRIALS

- Ibrutinib and Obinutuzumab With or Without Venetoclax in Treating Patients With Chronic Lymphocytic Leukemia, Recruiting
- Ibrutinib and Rituximab Compared With Fludarabine Phosphate, Cyclophosphamide, and Rituximab in Treating Patients With Untreated Chronic Lymphocytic Leukemia or Small Lymphocytic Lymphoma, Not Recruiting

## Publications

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### PUBLICATIONS

- **Developing institutional infrastructure for physician wellness: qualitative Insights from VA physicians** *BMC Health Services Research*  
Schwartz, R., Shanafelt, T. D., Gimmler, C., Osterberg, L.

2020; 20 (7)

- **Personal-Professional Boundaries and Ethical Issues in Palliative Care** *AMERICAN JOURNAL OF BIOETHICS*  
Swetz, K. M., Frazier, S. L., Richardson, J. W., Shanafelt, T. D.  
2019; 19 (12): 60–62
- **Relationship Between Burnout, Professional Behaviors, and Cost-Conscious Attitudes Among US Physicians.** *Journal of general internal medicine*  
Dyrbye, L. N., West, C. P., Hunderfund, A. L., Sinsky, C. A., Trockel, M., Tutty, M., Carlasare, L., Satele, D., Shanafelt, T.  
2019
- **Comparison of venetoclax plus rituximab with B-cell receptor inhibitors in patients with relapsed/refractory chronic lymphocytic leukemia: a systematic review and network Meta-analysis.** *Leukemia & lymphoma*  
Molica, S., Giannarelli, D., Shanafelt, T. D.  
2019: 1–4
- **Letter to the Editor regarding "Prevalence and Predictors of Burnout Among Hospice and Palliative Care Professionals from 2016 Apr;51(4):690-6.** *Journal of pain and symptom management*  
Kamal, A., Bull, J. H., Wolf, S. P., Swetz, K. M., Shanafelt, T. D., Ast, K., Kavalieratos, D., Sinclair, C. T.  
2019
- **Ibrutinib and Rituximab Provides Superior Clinical Outcome Compared to FCR in Younger Patients with Chronic Lymphocytic Leukemia (CLL): Extended Follow-up from the E1912 Trial.** *Blood*  
Shanafelt, T. D., Wang, V., Kay, N. E., Hanson, C. A., O'Brien, S. M., Barrientos, J. C., Jelinek, D. F., Braggio, E., Leis, J. F., Zhang, C. C., Coutre, S., Barr, P. M., Cashen, et al  
2019; 134 (Supplement\_1): 33
- **The Association Between Perceived Electronic Health Record Usability and Professional Burnout Among US Physicians.** *Mayo Clinic proceedings*  
Melnick, E. R., Dyrbye, L. N., Sinsky, C. A., Trockel, M., West, C. P., Nedelec, L., Tutty, M. A., Shanafelt, T.  
2019
- **Author response: Age and sex differences in burnout, career satisfaction, and well-being in US neurologists.** *Neurology*  
LaFaver, K., Miyasaki, J. M., Keran, C. M., Rheume, C., Gulya, L., Levin, K. H., Jones, E. C., Schwarz, H. B., Molano, J. R., Hessler, A., Singhal, D., Shanafelt, T. D., Sloan, et al  
2019; 93 (19): 863
- **Developing a Portfolio to Support Physicians' Efforts to Promote Well-being: One Piece of the Puzzle.** *Mayo Clinic proceedings*  
Menon, N. K., Trockel, M. T., Hamidi, M. S., Shanafelt, T. D.  
2019; 94 (11): 2171–77
- **Estimating the Attributable Cost of Physician Burnout in the United States.** *Annals of internal medicine*  
Dyrbye, L. N., Awad, K. M., Fiscus, L. C., Sinsky, C. A., Shanafelt, T. D.  
2019; 171 (8): 600–601
- **Self-valuation: Attending to the Most Important Instrument in the Practice of Medicine.** *Mayo Clinic proceedings*  
Trockel, M. T., Hamidi, M. S., Menon, N. K., Rowe, S. G., Dudley, J. C., Stewart, M. T., Geisler, C. Z., Bohman, B. D., Shanafelt, T. D.  
2019
- **Characteristics of Academic Physicians Associated With Patient Satisfaction** *AMERICAN JOURNAL OF MEDICAL QUALITY*  
Heidenreich, P., Shieh, L., Fassiotto, M., Kahn, J., Weinacker, A., Smith, R., Trockel, M., Shanafelt, T., Palaniappan, L.  
2019: 1062860619876344
- **Associations Between Dietary Patterns and Sleep-Related Impairment in a Cohort of Community Physicians: A Cross-sectional Study** *AMERICAN JOURNAL OF LIFESTYLE MEDICINE*  
Hamidi, M. S., Shanafelt, T. D., Hausel, A., Bohman, B. D., Roberts, R., Trockel, M. T.  
2019
- **Physician Work-Life Integration: Challenges and Strategies for Improvement** *CLINICAL OBSTETRICS AND GYNECOLOGY*  
Karakash, S., Solone, M., Chavez, J., Shanafelt, T.  
2019; 62 (3): 455–65
- **Changes in Burnout and Satisfaction With Work-Life Integration in Physicians and the General US Working Population Between 2011 and 2017** *MAYO CLINIC PROCEEDINGS*

Shanafelt, T. D., West, C. P., Sinsky, C., Trockel, M., Tutty, M., Satele, D., Carlasare, L. E., Dyrbye, L. N.

2019; 94 (9): 1681–94

- **Association of elevated serumfree light chains with chronic lymphocytic leukemia and monoclonal B-cell lymphocytosis.** *Blood cancer journal*  
Clay-Gilmour, A. I., Rishi, A. R., Goldin, L. R., Greenberg-Worisek, A. J., Achenbach, S. J., Rabe, K. G., Maurer, M. J., Kay, N. E., Shanafelt, T. D., Call, T. G., Brice Weinberg, J., Camp, N. J., Cerhan, et al  
2019; 9 (8): 59
- **Effect of a Professional Coaching Intervention on the Well-being and Distress of Physicians: A Pilot Randomized Clinical Trial.** *JAMA internal medicine*  
Dyrbye, L. N., Shanafelt, T. D., Gill, P. R., Satele, D. V., West, C. P.  
2019
- **KRAS, NRAS, and BRAF mutations are highly enriched in trisomy 12 chronic lymphocytic leukemia and are associated with shorter treatment-free survival** *LEUKEMIA*  
Vendramini, E., Bomben, R., Pozzo, F., Benedetti, D., Bittolo, T., Rossi, F., Dal Bo, M., Rabe, K. G., Pozzato, G., Zaja, F., Chiarenza, A., Di Raimondo, F., Braggio, et al  
2019; 33 (8): 2111–15
- **Assessing Burnout and Professional Fulfillment in Breast Surgery: Results From a National Survey of the American Society of Breast Surgeons.** *Annals of surgical oncology*  
Zhang, J. Q., Riba, L., Magrini, L., Fleishman, A., Ukandu, P., Alapati, A., Shanafelt, T., James, T. A.  
2019
- **Healing the Professional Culture of Medicine.** *Mayo Clinic proceedings*  
Shanafelt, T. D., Schein, E., Minor, L. B., Trockel, M., Schein, P., Kirch, D.  
2019
- **Developmental subtypes assessed by DNA methylation-iPLEX forecast the natural history of chronic lymphocytic leukemia.** *Blood*  
Giacopelli, B., Zhao, Q., Ruppert, A. S., Agyeman, A., Weigel, C., Wu, Y., Gerber, M. M., Rabe, K. G., Larson, M. C., Lu, J., Blachly, J. S., Rogers, K. A., Wierda, et al  
2019
- **Burnout and Satisfaction with Work-Life Integration Among Nurses.** *Journal of occupational and environmental medicine*  
Dyrbye, L. N., West, C. P., Johnson, P. O., Cipriano, P. F., Beatty, D. E., Peterson, C., Major-Elechi, B., Shanafelt, T.  
2019
- **The magnitude of improvement in progression-free survival with targeted therapy in relapsed/refractory chronic lymphocytic leukemia based on prognostic risk category: a systematic review and meta-analysis** *LEUKEMIA & LYMPHOMA*  
Molica, S., Giannarelli, D., Mirabelli, R., Levato, L., Shanafelt, T. D.  
2019; 60 (7): 1644–49
- **A Road Map to Foster Wellness and Engagement in Our Workplace-A Report of the 2018 Summer Intersociety Meeting** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*  
Kruskal, J. B., Shanafelt, T., Eby, P., Meltzer, C. C., Rawson, J., Essex, L. N., Canon, C., West, D., Bender, C.  
2019; 16 (6): 869–77
- **Vascular Surgeon Burnout - A Report From the Society for Vascular Surgery Wellness Task Force**  
Coleman, D. M., Meltzer, A. J., Wohlaer, M., Drudi, L. M., Hallbeck, M., Shanafelt, T., Money, S., Sheahan, M.  
MOSBY-ELSEVIER.2019: E97
- **Estimating the Attributable Cost of Physician Burnout in the United States.** *Annals of internal medicine*  
Han, S., Shanafelt, T. D., Sinsky, C. A., Awad, K. M., Dyrbye, L. N., Fiscus, L. C., Trockel, M., Goh, J.  
2019
- **Atrial fibrillation (AF) in patients with CLL treated with ibrutinib: Assessing prediction models and clinical outcomes.**  
Archibald, W., Rabe, K. G., Kabat, B., Call, T., Ding, W., Kay, N. E., Kenderian, S., Muchtar, E., Leis, J., Schwager, S. M., Koehler, A., Fonder, A. L., Slager, et al  
AMER SOC CLINICAL ONCOLOGY.2019
- **Rapid disease progression following discontinuation of ibrutinib in patients with chronic lymphocytic leukemia treated in routine clinical practice** *LEUKEMIA & LYMPHOMA*

- Hampel, P. J., Ding, W., Call, T. G., Rabe, K. G., Kenderian, S. S., Witzig, T. E., Muchtar, E., Leis, J. F., Chanan-Khan, A. A., Koehler, A. B., Fonder, A. L., Schwager, S. M., Slager, et al  
2019
- **Physician Work-Life Integration: Challenges and Strategies for Improvement.** *Clinical obstetrics and gynecology*  
Karakash, S., Solone, M., Chavez, J., Shanafelt, T.  
2019
  - **Clarifications Needed on Study of Association Between Physician Burnout and Patient Safety** *JAMA INTERNAL MEDICINE*  
Dyrbye, L. N., Shanafelt, T. D., West, C. P.  
2019; 179 (4): 593
  - **Perceived risk for cancer progression and psychological status in chronic lymphocytic leukemia patients: CALGB 70603 (Alliance).** *Leukemia & lymphoma*  
Deshields, T. L., Dueck, A. C., Rogers, K., Brown, J. R., Shanafelt, T., Mintzer, D., Byrd, J. C.  
2019: 1–4
  - **KRAS, NRAS, and BRAF mutations are highly enriched in trisomy 12 chronic lymphocytic leukemia and are associated with shorter treatment-free survival.** *Leukemia*  
Vendramini, E., Bomben, R., Pozzo, F., Benedetti, D., Bittolo, T., Rossi, F. M., Dal Bo, M., Rabe, K. G., Pozzato, G., Zaja, F., Chiarenza, A., Di Raimondo, F., Braggio, et al  
2019
  - **Clarifications Needed on Study of Association Between Physician Burnout and Patient Safety.** *JAMA internal medicine*  
Dyrbye, L. N., Shanafelt, T. D., West, C. P.  
2019
  - **Organizational factors affecting physician well-being.** *Current treatment options in pediatrics*  
Tawfik, D. S., Profit, J., Webber, S., Shanafelt, T. D.  
2019; 5 (1): 11–25
  - **Burnout Among Physicians Compared With Individuals With a Professional or Doctoral Degree in a Field Outside of Medicine.** *Mayo Clinic proceedings*  
Shanafelt, T. D., Sinsky, C., Dyrbye, L. N., Trockel, M., West, C. P.  
2019; 94 (3): 549–51
  - **Efficacy of the Well-Being Index to identify distress and stratify well-being in Nurse Practitioners and Physician Assistants.** *Journal of the American Association of Nurse Practitioners*  
Dyrbye, L. N., Johnson, P. O., Johnson, L. M., Halasy, M. P., Gossard, A. A., Satele, D., Shanafelt, T.  
2019
  - **Changes in Burnout and Satisfaction With Work-Life Integration in Physicians and the General US Working Population Between 2011 and 2017.** *Mayo Clinic proceedings*  
Shanafelt, T. D., West, C. P., Sinsky, C., Trockel, M., Tutty, M., Satele, D. V., Carlasare, L. E., Dyrbye, L. N.  
2019
  - **Evidence Relating Health Care Provider Burnout and Quality of Care: A Systematic Review and Meta-analysis.** *Annals of internal medicine*  
Tawfik, D. S., Scheid, A., Profit, J., Shanafelt, T., Trockel, M., Adair, K. C., Sexton, J. B., Ioannidis, J. P.  
2019
  - **Rapid disease progression following discontinuation of ibrutinib in patients with chronic lymphocytic leukemia treated in routine clinical practice.** *Leukemia & lymphoma*  
Hampel, P. J., Ding, W., Call, T. G., Rabe, K. G., Kenderian, S. S., Witzig, T. E., Muchtar, E., Leis, J. F., Chanan-Khan, A. A., Koehler, A. B., Fonder, A. L., Schwager, S. M., Slager, et al  
2019: 1–8
  - **Prognostic risk score for patients with relapsed or refractory chronic lymphocytic leukaemia treated with targeted therapies or chemoimmunotherapy: a retrospective, pooled cohort study with external validations.** *The Lancet. Haematology*  
Soumerai, J. D., Ni, A., Darif, M., Londhe, A., Xing, G., Mun, Y., Kay, N. E., Shanafelt, T. D., Rabe, K. G., Byrd, J. C., Chanan-Khan, A. A., Furman, R. R., Hillmen, et al  
2019
  - **Role of long non-coding RNAs in disease progression of early stage unmutated chronic lymphocytic leukemia.** *Oncotarget*

- Tschumper, R. C., Shanafelt, T. D., Kay, N. E., Jelinek, D. F.  
2019; 10 (1): 60–75
- **Ibrutinib-Rituximab or Chemoimmunotherapy for Chronic Lymphocytic Leukemia.** *The New England journal of medicine*  
Shanafelt, T. D., Wang, X. V., Kay, N. E., Hanson, C. A., O'Brien, S., Barrientos, J., Jelinek, D. F., Braggio, E., Leis, J. F., Zhang, C. C., Coutre, S. E., Barr, P. M., Cashen, et al  
2019; 381 (5): 432–43
  - **A cross-sectional study exploring the relationship between burnout, absenteeism, and job performance among American nurses.** *BMC nursing*  
Dyrbye, L. N., Shanafelt, T. D., Johnson, P. O., Johnson, L. A., Satele, D., West, C. P.  
2019; 18: 57
  - **IGH translocations in chronic lymphocytic leukemia (CLL): clinicopathologic features and clinical outcomes.** *American journal of hematology*  
Fang, H., Reichard, K. K., Rabe, K. G., Hanson, C. A., Call, T. G., Ding, W., Kenderian, S. S., Muchtar, E., Schwager, S. M., Leis, J. F., Chanan-Khan, A. A., Slager, S. L., Braggio, et al  
2018
  - **Chronic lymphocytic leukemia cells from ibrutinib treated patients are sensitive to Axl receptor tyrosine kinase inhibitor therapy.** *Oncotarget*  
Sinha, S., Boysen, J. C., Chaffee, K. G., Kabat, B. F., Slager, S. L., Parikh, S. A., Secreto, C. R., Call, T., Shanafelt, T. D., Leis, J. F., Warner, S. L., Bearss, D. J., Ghosh, et al  
2018; 9 (98): 37173–84
  - **A Road Map to Foster Wellness and Engagement in Our Workplace-A Report of the 2018 Summer Intersociety Meeting.** *Journal of the American College of Radiology : JACR*  
Kruskal, J. B., Shanafelt, T., Eby, P., Meltzer, C. C., Rawson, J., Essex, L. N., Canon, C., West, D., Bender, C.  
2018
  - **The magnitude of improvement in progression-free survival with targeted therapy in relapsed/refractory chronic lymphocytic leukemia based on prognostic risk category: a systematic review and meta-analysis.** *Leukemia & lymphoma*  
Molica, S., Giannarelli, D., Mirabelli, R., Levato, L., Shanafelt, T. D.  
2018: 1–6
  - **Incidence of and risk factors for major haemorrhage in patients treated with ibrutinib: An integrated analysis.** *British journal of haematology*  
Brown, J. R., Moslehi, J., Ewer, M. S., O'Brien, S. M., Ghia, P., Cymbalista, F., Shanafelt, T. D., Fraser, G., Rule, S., Coutre, S. E., Dilhuydy, M., Cramer, P., Jaeger, et al  
2018
  - **Clonal Hematopoiesis of Indeterminate Potential (CHIP) and Chronic Lymphocytic Leukemia (CLL) Driver Genes: Risk of CLL and Monoclonal B-Cell Lymphocytosis (MBL)**  
Boddicker, N. J., O'Brien, D. R., Braggio, E., Achenbach, S. J., Chaffee, K. G., Norman, A. D., Vachon, C. M., Kabat, B., Call, T. G., Parikh, S. A., Leis, J. F., Ding, W., Muchtar, et al  
AMER SOC HEMATOLOGY.2018
  - **Telomere Length Is Associated with Epigenetic Programming in CLL and Is a Superior Predictor of Clinical Outcome with the Ability to Bifurcate Patients with the Same CLL-IPI Score**  
Norris, K., Oakes, C. C., Giacomelli, B., Shanafelt, T. D., Kay, N. E., Chaffee, K. G., Fegan, C., Baird, D. M., Pepper, C.  
AMER SOC HEMATOLOGY.2018
  - **Risk Model for Overall Survival for Patients with Relapsed/Refractory Chronic Lymphocytic Leukemia: Validated for Patients on Ibrutinib, Idelalisib, Venetoclax, or Chemoimmunotherapy**  
Soumerai, J. D., Ni, A., Darif, M., Londhe, A., Xing, G., Mun, Y., Kay, N. E., Shanafelt, T. D., Chaffee, K. G., Furman, R. R., Hillmen, P., Sharman, J., Seymour, et al  
AMER SOC HEMATOLOGY.2018
  - **Association between the Risk of Low/High-Count Monoclonal B-Cell Lymphocytosis (MBL) and the Chronic Lymphocytic Leukemia (CLL) Polygenic Risk Score (PRS)**  
Kleinstern, G., Achenbach, S. J., Robinson, D. P., Norman, A. D., Chaffee, K. G., Lesnick, C. E., Parikh, S. A., Call, T. G., Olson, J. E., Cerhan, J. R., Kay, N. E., Hanson, C. A., Shanafelt, et al  
AMER SOC HEMATOLOGY.2018
  - **The Magnitude of Improvement in Progression-Free Survival with Targeted Therapy in Relapsed/Refractory Chronic Lymphocytic Leukemia Based on Genetic Risk: A Systematic Review and Meta-Analysis**

Molica, S., Giannarelli, D., Mirabelli, R., Levato, L., Shanafelt, T. D.

AMER SOC HEMATOLOGY.2018

- **Predictive value of the CLL-IPI in CLL patients receiving chemo-immunotherapy as first-line treatment** *EUROPEAN JOURNAL OF HAEMATOLOGY*  
Gentile, M., Shanafelt, T. D., Mauro, F., Reda, G., Rossi, D., Laurenti, L., Del Principe, M., Cutrona, G., Angeletti, I., Coscia, M., Herishanu, Y., Chiarenza, A., Molica, et al  
2018; 101 (5): 703–6
- **Physician and Nurse Well-Being: Seven Things Hospital Boards Should Know.** *Journal of healthcare management / American College of Healthcare Executives*  
Shanafelt, T., Swensen, S. J., Woody, J., Levin, J., Lillie, J.  
2018; 63 (6): 363–69
- **Autoimmune cytopenias in patients with chronic lymphocytic leukaemia treated with ibrutinib in routine clinical practice at an academic medical centre** *BRITISH JOURNAL OF HAEMATOLOGY*  
Hampel, P. J., Larson, M. C., Kabat, B., Call, T. G., Ding, W., Kenderian, S. S., Bowen, D., Boysen, J., Schwager, S. M., Leis, J. F., Chanan-Khan, A. A., Muchtar, E., Hanson, et al  
2018; 183 (3): 421–27
- **In Reply-Burnout Is Not Associated With Increased Medical Errors.** *Mayo Clinic proceedings*  
Tawfik, D. S., Profit, J., Morgenthaler, T. I., Satele, D. V., Sinsky, C., Dyrbye, L., Tutty, M., West, C. P., Shanafelt, T. D.  
2018; 93 (11): 1683–84
- **In Reply-Burnout Is Not Associated With Increased Medical Errors** *MAYO CLINIC PROCEEDINGS*  
Tawfik, D. S., Profit, J., Morgenthaler, T. I., Satele, D. V., Sinsky, C., Dyrbye, L., Tutty, M., West, C. P., Shanafelt, T. D.  
2018; 93 (11): 1683–84
- **Age and sex differences in burnout, career satisfaction, and well-being in US neurologists.** *Neurology*  
LaFaver, K., Miyasaki, J. M., Keran, C. M., Rheume, C., Gulya, L., Levin, K. H., Jones, E. C., Schwarz, H. B., Molano, J. R., Hessler, A., Singhal, D., Shanafelt, T. D., Sloan, et al  
2018
- **A simple score based on geriatric assessment predicts survival in elderly newly diagnosed chronic lymphocytic leukemia patients.** *Leukemia & lymphoma*  
Molica, S., Giannarelli, D., Levato, L., Mirabelli, R., Levato, D., Lentini, M., Piro, E.  
2018: 1–3
- **Chronic lymphocytic leukemia international prognostic index (CLL-IPI) in patients receiving chemoimmuno or targeted therapy: a systematic review and meta-analysis** *ANNALS OF HEMATOLOGY*  
Molica, S., Giannarelli, D., Mirabelli, R., Levato, L., Shanafelt, T. D.  
2018; 97 (10): 2005–8
- **Emotional Intelligence as a Possible Safeguard to Surgeon Wellness**  
Lee, E. W., Hasty, B. N., Lau, J. N., Merrell, S., Hawn, M. T., Shanafelt, T., Salles, A., Lin, D. T.  
ELSEVIER SCIENCE INC.2018: S145
- **Surgeon Emotional Intelligence Is Strongly Correlated with Patient Satisfaction**  
Lee, E. W., Hasty, B. N., Lau, J. N., Merrell, S., Hawn, M. T., Shanafelt, T., Salles, A., Lin, D. T.  
ELSEVIER SCIENCE INC.2018: S164–S165
- **Association of Clinical Specialty With Symptoms of Burnout and Career Choice Regret Among US Resident Physicians** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
Dyrbye, L. N., Burke, S. E., Hardeman, R. R., Herrin, J., Wittlin, N. M., Yeazel, M., Dovidio, J. F., Cunningham, B., White, R. O., Phelan, S. M., Satele, D. V., Shanafelt, T. D., van Ryn, et al  
2018; 320 (11): 1114–30
- **A Prognostic Index to Identify the Risk of Developing Depression Symptoms Among U.S. Medical Students Derived From A National, Four-Year Longitudinal Study.** *Academic medicine : journal of the Association of American Medical Colleges*  
Dyrbye, L. N., Wittlin, N. M., Hardeman, R. R., Yeazel, M., Herrin, J., Dovidio, J. F., Burke, S. E., Cunningham, B., Phelan, S. M., Shanafelt, T. D., van Ryn, M.  
2018
- **Immunoglobulin heavy chain variable region gene and prediction of time to first treatment in patients with chronic lymphocytic leukemia: Mutational load or mutational status? Analysis of 1003 cases** *AMERICAN JOURNAL OF HEMATOLOGY*

- Morabito, F., Shanafelt, T. D., Gentile, M., Reda, G., Mauro, F., Rossi, D., Di Renzo, N., Molica, S., Angrilli, F., Chiarenza, A., Cutrona, G., Chaffee, K. G., Parikh, et al  
2018; 93 (9): E216–E219
- **Efficacy of the Well-Being Index to Identify Distress and Well-Being in U.S. Nurses.** *Nursing research*  
Dyrbye, L. N., Johnson, P. O., Johnson, L. M., Satele, D., Shanafelt, T.  
2018
  - **Building a Program on Well-Being: Key Design Considerations to Meet the Unique Needs of Each Organization.** *Academic medicine : journal of the Association of American Medical Colleges*  
Shanafelt, T., Trockel, M., Ripp, J., Murphy, M. L., Sandborg, C., Bohman, B.  
2018
  - **Validation of a biological score to predict response in chronic lymphocytic leukemia patients treated front-line with bendamustine and rituximab** *LEUKEMIA*  
Gentile, M., Shanafelt, T. D., Reda, G., Mauro, F., Zirlik, K., Ciolli, S., Laurenti, L., Del Principe, M., Rossi, D., Di Renzo, N., Molica, S., Angrilli, F., Coscia, et al  
2018; 32 (8): 1869–73
  - **Physician Burnout, Well-being, and Work Unit Safety Grades in Relationship to Reported Medical Errors.** *Mayo Clinic proceedings*  
Tawfik, D. S., Profit, J., Morgenthaler, T. I., Satele, D. V., Sinsky, C. A., Dyrbye, L. N., Tutty, M. A., West, C. P., Shanafelt, T. D.  
2018
  - **The prevalence of non-chronic lymphocytic leukemia (CLL) phenotype monoclonal B-cell lymphocytosis (MBL) in a population-based cohort of US adults**  
Parikh, S. A., Achenbach, S. J., Chaffee, K. G., Kay, N. E., Lesnick, C. E., Cerhan, J. R., Hanson, C. A., Shanafelt, T. D., Slager, S. L.  
AMER ASSOC CANCER RESEARCH.2018
  - **Association of polygenic risk score with the risk of chronic lymphocytic leukemia and monoclonal B-cell lymphocytosis** *BLOOD*  
Kleinstern, G., Camp, N. J., Goldin, L. R., Vachon, C. M., Vajdic, C. M., de Sanjose, S., Weinberg, J., Benavente, Y., Casabonne, D., Liebow, M., Nieters, A., Hjalgrim, H., Melbye, et al  
2018; 131 (23): 2541–51
  - **Outcomes of a large cohort of individuals with clinically ascertained high-count monoclonal B-cell lymphocytosis** *HAEMATOLOGICA*  
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