

# Stanford

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## Kenneth Perrone

Instructor, Surgery - General Surgery

### CLINICAL OFFICE (PRIMARY)

- **Stanford Dept of General Surgery**

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### Bio

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#### BIO

Kenneth Perrone is a fellowship trained colon and rectal surgeon. His clinical practice covers a wide range of problems related to the colon, rectum, and anus. In addition to his clinical practice, conducts research in Technology Enabled Clinical Improvement center focused on quantifying physician performance using sensors.

#### CLINICAL FOCUS

- General Surgery

#### ACADEMIC APPOINTMENTS

- Instructor, Surgery - General Surgery

#### PROFESSIONAL EDUCATION

- Residency: Stanford University Dept of General Surgery CA
- Medical Education: SUNY Downstate College of Medicine (2016) NY
- Board Certification: General Surgery, American Board of Surgery (2022)
- Fellowship: Creighton University Colon and Rectal Surgery Fellowship NE

### Publications

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#### PUBLICATIONS

- **Trainees' Perspectives on the Next Era of Assessment and Precision Education.** *Academic medicine : journal of the Association of American Medical Colleges*  
Marcotte, K., Negrete Manriquez, J. A., Hunt, M., Spadafore, M., Perrone, K. H., Zhou, C. Y.  
2023
- **Haptics: The Science of Touch as a Foundational Pathway to Precision Education and Assessment.** *Academic medicine : journal of the Association of American Medical Colleges*  
Perrone, K., Abdelaal, A. E., Pugh, C., Okamura, A.  
2023

- **Predictive Value of Clinical Complete Response after Chemoradiation for Rectal Cancer**  
Liu, C., Boncompagni, A. A., Perrone, K., Agarwal, A., Hur, D. G., Lopez, I., Sheth, V., Morris, A. M.  
LIPPINCOTT WILLIAMS & WILKINS.2022: S51-S52
- **Does the location of short-arm cast univalve effect pressure of the three-point mould?** *Journal of children's orthopaedics*  
Montgomery, B. K., Perrone, K. H., Yang, S., Segovia, N. A., Rinsky, L., Pugh, C. M., Frick, S. L.  
2020; 14 (3): 236–40
- **Sensors and Psychomotor Metrics: A Unique Opportunity to Close the Gap on Surgical Processes and Outcomes.** *ACS biomaterials science & engineering*  
Mohamadipanah, H., Perrone, K. H., Peterson, K., Nathwani, J., Huang, F., Garren, A., Garren, M., Witt, A., Pugh, C.  
2020; 6 (5): 2630-2640
- **Sensors and Psychomotor Metrics: A Unique Opportunity to Close the Gap on Surgical Processes and Outcomes** *ACS BIOMATERIALS SCIENCE & ENGINEERING*  
Mohamadipanah, H., Perrone, K. H., Peterson, K., Nathwani, J., Huang, F., Garren, A., Garren, M., Witt, A., Pugh, C.  
2020; 6 (5): 2630–40
- **Translating motion tracking data into resident feedback: An opportunity for streamlined video coaching**  
Perrone, K. H., Yang, S., Mohamadipanah, H., Wise, B., Witt, A., Goll, C., Pugh, C.  
EXCERPTA MEDICA INC-ELSEVIER SCIENCE INC.2020: 552–56
- **Splenectomy for benign and malignant hematologic pathology: Modern morbidity, mortality, and long-term outcomes.** *Surgery open science*  
Alobuia, W. M., Perrone, K. n., Iberri, D. J., Brar, R. S., Spain, D. A., Forrester, J. D.  
2020; 2 (4): 19–24
- **Initial experiences with virtual reality as a tool for observation in needs-driven health technology innovation** *BMJ INNOVATIONS*  
Perrone, K. H., Blevins, K., Denend, L., Fan, R., Huelman, J., Wall, J.  
2020; 6 (1): 10-12
- **Use of sensors to quantify procedural idle time: Validity evidence for a new mastery metric.** *Surgery*  
Perrone, K. H., Yang, S., Wise, B., Witt, A., Goll, C., Dawn, S., Eichhorn, W., Mohamadipanah, H., Pugh, C.  
2019
- **Screening surgical residents' laparoscopic skills using virtual realitytasks: Who needs more time in the sim lab?** *Surgery*  
Mohamadipanah, H., Perrone, K. H., Nathwani, J., Parthiban, C., Peterson, K., Wise, B., Garren, A., Pugh, C.  
2019
- **Can VR Be Used to Track Skills Decay During the Research Years?** *The Journal of surgical research*  
Mohamadipanah, H. n., Perrone, K. n., Peterson, K. n., Garren, M. n., Parthiban, C. n., Sunkara, A. n., Zinn, M. n., Pugh, C. n.  
2019