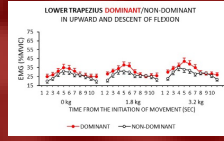
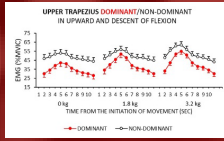
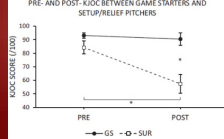
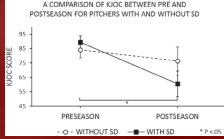


## Prediction of throwing-related shoulder injury

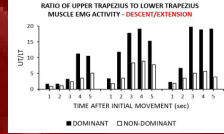
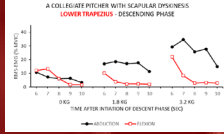
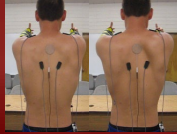
Tsuruike. J Shoulder Elbow Surg 2016; 25(10):1583-91.



Tsuruike. J Shoulder Elbow Surg 2018; 27(10):1830-1836.



Tsuruike. Int J Sports Phys Ther 2020; 15(3):471-477.



Tsuruike. Int J Sports Phys Ther 2022; 17(4):707-714.



Four-year prospective cohort study with 36 college (NCAA-D1) baseball pitchers: those with scapular dyskinesia showed 5 times more risk for throwing-related shoulder injury

Predication: a comparison of EMG activity between coronal and sagittal plane with 3.2 kg wrist cuffs

Scapular dyskinesia and KJOC score with baseball pitchers

EMG activity in the baseball pitcher with SLAP repair



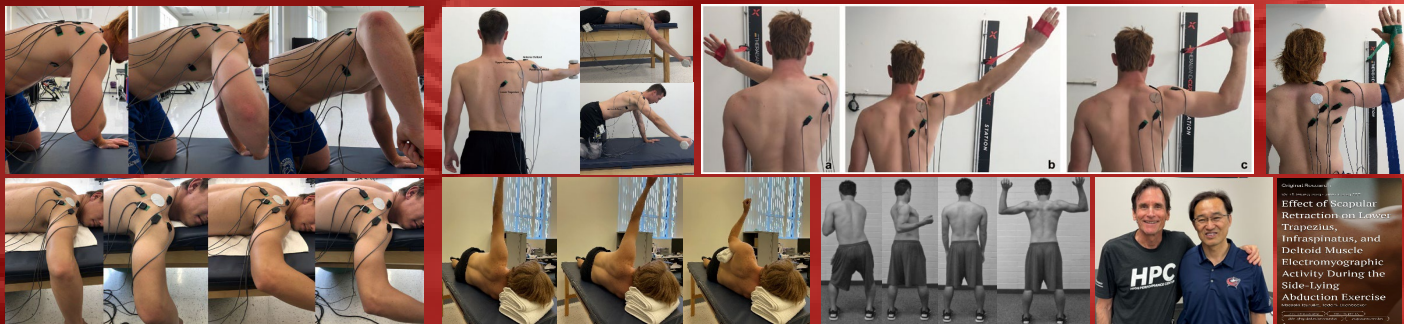
Research Activity as Graduate Athletic Training Education Program Director at San Jose State University, California, USA for 10.5 years

## Throwing-Related Elbow Injury, Tommy John Surgery

More than 80 surgical observations including UCL reconstruction, "Tommy John Surgery," internal-brace, and SLAP repairs next Dr. Akizuki, MD, the former President of the MLB Team Physician Association and the San Francisco Giants team's orthopedic surgeon. Relevant papers published in Japan Society of Baseball Science (2)



## Throwing-Related Shoulder Injury Prevention Exercises



Research Publications with Todd S. Ellenbecker, DPT, MS, SCS, OCS, CSCS, the best practitioner in the Association of Tennis Professionals (10+) One of the significant findings was to activate the lower trapezius muscle while minimizing the upper trapezius and deltoid muscles through exercises.