

Stanford



Romy Yun

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia**

300 Pasteur Dr Rm H3580

MC 5640

Stanford, CA 94305

Tel (650) 723-6412 Fax (650) 725-8544

Bio

CLINICAL FOCUS

- Pediatric Anesthesia

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Anesthesia, American Board of Anesthesiology (2013)
- Board Certification: Anesthesia, American Board of Anesthesiology (2012)
- Fellowship: Stanford University (2012) CA
- Residency: Stanford University (2011) CA
- Internship: MetroHealth Medical Center (2008) OH
- Medical Education: Case Western Reserve School of Medicine (2007) OH

Publications

PUBLICATIONS

- **Non-technical skill performance during remote, international, augmented-reality neonatal resuscitation protocol simulations: a feasibility study.** *BMC medical education*
Rojas, M., Yun, R., Rama, A., Plane, J., Arancibia, C., Paredes, P., Penna, A., Zhao, Y., Caruso, T. J.
2026
- **Transnasal humidified rapid-insufflation ventilatory exchange (THRIVE) use in a pediatric population: A prospective, randomized controlled trial.** *Journal of clinical anesthesia*
Wang, E. Y., Renuart, A. J., Flynn, S. G., Van Pelt, H., Devavaram, P., Bulich, L. A., Stein, M. L., Ravula, N. R., Dhamrait, R. S., Kennedy, K. M., Suen, M. Y., Jackson, C., Gupta, et al
2026; 109: 112117

- **Virtual reality compared to nitrous oxide for labor analgesia: A feasibility pilot, prospective, randomized, cross-over, non-inferiority study.** *International journal of obstetric anesthesia*
Yun, R., Arce, D., Bekemeyer, Z. J., Michel, G., Nan, G., Hoang, D. B., Caruso, T. J., Carvalho, B.
2025; 64: 104758
- **Development and Validation of the Stanford Obstetric Recovery Checklist (STORK): A Delphi Consensus and Multicenter Clinical Validation Study.** *JAMA network open*
Sultan, P., Pandal, P., Murthy, A., Guo, N., Farber, M. K., Toledo, P., Higgins, N., Fiore, J. F., Domingue, B. W., Khorasani, E., Jensen, S. E., Lyell, D. J., Carvalho, et al
2025; 8 (4): e255713
- **A prospective, observational study of a pediatric affect and cooperation scale (HRAD±) for vascular access procedures.** *The journal of vascular access*
Yun, R., Kennedy, K. M., Titzler, J., Ganesan, A., Yamaguchi, C., Zuniga-Hernandez, M., Renavikar, M., Brinda, R., Jackson, C., Rohovit, S., Caruso, T. J.
2024: 11297298241302897
- **Identification and Treatment of Pediatric Perioperative Anxiety.** *Anesthesiology*
Yun, R., Caruso, T. J.
2024
- **Augmented Reality Improves Pediatric Mask Induction: A Prospective, Matched Case-Control Study.** *Journal of patient experience*
Yun, R., He, E. M., Zuniga, M., Guo, N., Wang, E. Y., Ho, F., Pearson, M., Rodriguez, S. T., Caruso, T. J.
2024; 11: 23743735241241146
- **A prospective, observational validation of HRAD±, a novel pediatric affect and cooperation scale.** *Journal of clinical anesthesia*
Yun, R., Qian, D., Wang, E., Zuniga, M., Forbes, T., Li, B., Rodriguez, S. T., Jackson, C., Caruso, T. J.
2024; 94: 111410
- **A systematic review of patient-reported outcome measures used in maternal postpartum anxiety.** *American journal of obstetrics & gynecology MFM*
O'Carroll, J., Ando, K., Yun, R., Panelli, D., Nicklin, A., Kennedy, N., Carvalho, B., Blake, L., Coker, J., Kaysen, D., Sultan, P.
2023: 101076
- **Assessing Pediatric Perioperative Affect: A Concise Review of Research and Clinically Relevant Scales.** *Paediatric anaesthesia*
Yun, R., Hess, O., Kennedy, K., Stricker, P. A., Blake, L., Caruso, T. J.
2022
- **Expert Consensus Regarding Core Outcomes for Enhanced Recovery after Cesarean Delivery Studies: A Delphi study.** *Anesthesiology*
Sultan, P., George, R., Weiniger, C. F., El-Boghdady, K., Pandal, P., Carvalho, B., CRADLE Study Investigators, Ansari, J. R., Benhamou, D., Baluku, M., Bernstein, P. S., Bollag, L. A., Bowden, S. J., et al
2022
- **Augmented Reality as Sole Anxiolytic for Pediatric Inhalational Induction of General Anesthesia**
Sanofsky, B., Caruso, T. J., Zuniga, M., Rodriguez, S., Yun, R.
LIPPINCOTT WILLIAMS & WILKINS.2022: 81-84
- **Perioperative Pediatric Anxiety: A Cry for Universal Scale Adoption.** *Pediatric quality & safety*
Yun, R., Kennedy, K. M., Caruso, T. J.
2022; 7 (2): e542
- **Development and assessment of an efficient pediatric affect and cooperation scale.** *Journal of clinical anesthesia*
Kennedy, K., Wang, E., Rodriguez, S. T., Qian, J., Khoury, M., Kist, M. N., Jackson, C., Yun, R., Caruso, T. J.
2021; 76: 110569
- **Transnasal Humidified Rapid-Insufflation Ventilatory Exchange (THRIVE) Use During Microdirect Laryngoscopy and Bronchoscopy: Initial Data from a Randomized, Prospective, Multi-Collaborative Trial**
Swanger, A., Yun, R., Olbrecht, V., Winograd, V., Evans, M. A., Stein, M., Ravula, N., Menendez, M., Wang, E., Sidell, D., Caruso, T.
LIPPINCOTT WILLIAMS & WILKINS.2021: 784-785

- **Application of Echogenic Technology for Catheters Used in Ultrasound-Guided Continuous Peripheral Nerve Blocks** *JOURNAL OF ULTRASOUND IN MEDICINE*
Mariano, E. R., Yun, R. D., Kim, T. E., Carvalho, B.
2014; 33 (5): 905-911
- **Temperature-controlled radiofrequency treatment of tonsillar hypertrophy for reduction of upper airway obstruction in pediatric patients.** *Archives of otolaryngology--head & neck surgery*
Coticchia, J. M., Yun, R. D., Nelson, L., Koempel, J.
2006; 132 (4): 425-30
- **Age-, site-, and time-specific differences in pediatric deep neck abscesses.** *Archives of otolaryngology--head & neck surgery*
Coticchia, J. M., Getnick, G. S., Yun, R. D., Arnold, J. E.
2004; 130 (2): 201-7
- **mSin3A/histone deacetylase 2- and PRMT5-containing Brg1 complex is involved in transcriptional repression of the Myc target gene cad.** *Molecular and cellular biology*
Pal, S., Yun, R., Datta, A., Lacomis, L., Erdjument-Bromage, H., Kumar, J., Tempst, P., Sif, S.
2003; 23 (21): 7475-87