

Stanford



Tim Tirrell

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CONTACT INFORMATION

- **Administrative Support**

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Bio

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Surgery - Pediatric Surgery
- Member, Maternal & Child Health Research Institute (MCHRI)

Publications

PUBLICATIONS

- **Technical Considerations in Primary Repair of a Congenital Prostatic Rectourethral Fistula in an Adult-Sized Patient.** *European journal of pediatric surgery reports*
Tirrell, T. F., Demehri, F. R., Nandivada, P., McNamara, E. R., Dickie, B. H.
2022; 10 (1): e20-e24
- **Hindgut Duplication in an Infant with Omphalocele-Exstrophy-Imperforate Anus-Spinal Defects (OEIS) Complex.** *European journal of pediatric surgery reports*
Tirrell, T. F., Demehri, F. R., Lillehei, C. W., Borer, J. G., Warf, B. C., Dickie, B. H.
2022; 10 (1): e45-e48
- **Contrast enhanced colostography: New applications in preoperative evaluation of anorectal malformations** *JOURNAL OF PEDIATRIC SURGERY*
Tirrell, T. F., Demehri, F. R., McNamara, E. R., Paltiel, H. J., Barnewolt, C. E., Padua, H. M., Chow, J. S., Dickie, B. H.
2021; 56 (1): 192-195
- **Safety of delayed surgical repair of omphalocele-exstrophy-imperforate anus-spinal defects (OEIS) complex in infants with significant comorbidities** *PEDIATRIC SURGERY INTERNATIONAL*
Tirrell, T. F., Demehri, F. R., Henry, O. S., Cullen, L., Lillehei, C. W., Warf, B. C., Gates, R. L., Borer, J. G., Dickie, B. H.
2021; 37 (1): 93-99
- **A New Approach to Cloaca: Laparoscopic Separation of the Urogenital Sinus** *JOURNAL OF LAPAROENDOSCOPIC & ADVANCED SURGICAL TECHNIQUES*
Demehri, F. R., Tirrell, T. F., Shaul, D. B., Sydorak, R. M., Zhong, W., McNamara, E. R., Borer, J. G., Dickie, B. H.
2020; 30 (12): 1257-1262
- **Reoperative surgery in anorectal malformation patients** *TRANSLATIONAL GASTROENTEROLOGY AND HEPATOLOGY*
Tirrell, T. F., McNamara, E. R., Dickie, B. H.
2021; 6: 43

- **Measure twice and cut once: Comparing endoscopy and 3D cloacagram for the common channel and urethral measurements in patients with cloacal malformations** *JOURNAL OF PEDIATRIC SURGERY*
Halleran, D. R., Smith, C. A., Fuller, M. K., Durhm, M. M., Dickie, B., Avansino, J. R., Tirrell, T. F., Vandewalle, R., Reeder, R., Drake, K. R., Bates, D., Rollins, M. D., Levitt, et al
2020; 55 (2): 257-260
- **Analysis of hierarchical biomechanical data structures using mixed-effects models** *JOURNAL OF BIOMECHANICS*
Tirrell, T. F., Rademaker, A. W., Lieber, R. L.
2018; 69: 34-39
- **Lymph node assessment and survival: we still have work to do** *JOURNAL OF THORACIC DISEASE*
Tirrell, T., Onaitis, M.
2018; 10 (1): 15-16
- **The mechanical strength of side-to-side tendon repair with mismatched tendon size and shape** *JOURNAL OF HAND SURGERY-EUROPEAN VOLUME*
Friden, J., Tirrell, T. F., Bhola, S., Lieber, R. L.
2015; 40 (3): 239-245
- **Functional Consequence of Distal Brachioradialis Tendon Release: A Biomechanical Study** *JOURNAL OF HAND SURGERY-AMERICAN VOLUME*
Tirrell, T. F., Franko, O. I., Bhola, S., Hentzen, E. R., Abrams, R. A., Lieber, R. L.
2013; 38A (5): 920-926
- **Mobile Tablet Use among Academic Physicians and Trainees** *JOURNAL OF MEDICAL SYSTEMS*
Sclafani, J., Tirrell, T. F., Franko, O. I.
2013; 37 (1): 9903
- **Smartphone App Use Among Medical Providers in ACGME Training Programs** *JOURNAL OF MEDICAL SYSTEMS*
Franko, O. I., Tirrell, T. F.
2012; 36 (5): 3135-3139
- **Human skeletal muscle biochemical diversity** *JOURNAL OF EXPERIMENTAL BIOLOGY*
Tirrell, T. F., Cook, M. S., Carr, J., Lin, E., Ward, S. R., Lieber, R. L.
2012; 215 (15): 2551-2559
- **Moment arms of the human digital flexors** *JOURNAL OF BIOMECHANICS*
Franko, O. I., Winters, T. M., Tirrell, T. F., Hentzen, E. R., Lieber, R. L.
2011; 44 (10): 1987-1990
- **Resonance Raman Studies of the (His)(Cys)₃ 2Fe-2S Cluster of MitoNEET: Comparison to the (Cys)₄ Mutant and Implications of the Effects of pH on the Labile Metal Center** *BIOCHEMISTRY*
Tirrell, T. F., Paddock, M. L., Conlan, A. R., Smoll, E. J., Nechushtai, R., Jennings, P. A., Kim, J. E.
2009; 48 (22): 4747-4752
- **Cyclometalated iridium(III)-sensitized titanium dioxide solar cells** *PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES*
Mayo, E. I., Kilsa, K., Tirrell, T., Djurovich, P. I., Tamayo, A., Thompson, M. E., Lewis, N. S., Gray, H. B.
2006; 5 (10): 871-873