

Stanford



Inger Olson

Clinical Professor, Pediatrics - Cardiology

CLINICAL OFFICE (PRIMARY)

- **Heart Center**

725 Welch Rd Ste 120

Palo Alto, CA 94304

Tel (650) 721-2121 Fax (650) 497-8422

Bio

CLINICAL FOCUS

- Cardiology (Heart), Pediatric
- Echocardiography
- Echocardiography, Transesophageal
- Pediatric Cardiology
- Metabolic exercise testing

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Cardiology
- Member, Cardiovascular Institute
- Member, Wu Tsai Human Performance Alliance

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Cardiology, American Board of Pediatrics (2000)
- Fellowship: James Whitcomb Riley Hospital for Children (1997) IN
- Residency: James Whitcomb Riley Hospital for Children (1994) IN
- Internship: James Whitcomb Riley Hospital for Children (1992) IN
- Medical Education: University of Kansas School of Medicine (1991) KS
- B.A., University of Kansas, Microbiology and Human Biology (1987)
- M.D., University of Kansas (1991)

Research & Scholarship

CLINICAL TRIALS

- Vascular Health and Exercise Performance of Overweight Children, Not Recruiting

Publications

PUBLICATIONS

- **Systolic Performance of the Single Ventricle, Exercise Capacity, and Endothelial Function in Pediatric Fontan Patients.** *American heart journal*
Gallegos, F. N., Bernstein, D., Punn, R., Long, J., Stauffer, K. J., Thorson, K., Chen, S., Lui, M. C., Olson, I., Myers, J., Palaniappan, L., Tierney, S.
2025
- **EXERCISE CAPACITY, ENDOTHELIAL FUNCTION, AND MUSCLE MASS IN PEDIATRIC FONTAN PATIENTS: DOES BIOLOGICAL SEX MATTER?**
Lui, M., Bernstein, D., Palaniappan, L. P., Leonard, M., Long, J., Olson, I. L., Cooke, J. P., Myers, J. N., Tierney, E.
ELSEVIER SCIENCE INC.2025: 792
- **PEDSQL, EXERCISE CAPACITY, AND ENDOTHELIAL FUNCTION IN PEDIATRIC FONTAN PATIENTS**
Jose, J., Bernstein, D., Palaniappan, L. P., Leonard, M., Long, J., Desai, M., Lui, M., Davila, T., Cooke, J. P., Olson, I. L., Myers, J. N., Schneider, L., Tierney, et al
ELSEVIER SCIENCE INC.2024: 2407
- **Design and Rationale of RE-ENERGIZE FONTAN: RandomizEd Exercise inTERvention desiGned to maximIZe fitness in FONTAN patients.** *American heart journal*
Tierney, E. S., Palaniappan, L., Leonard, M., Long, J., Myers, J., Dávila, T., Lui, M. C., Kogan, F., Olson, I., Punn, R., Desai, M., Schneider, L. M., Wang, et al
2023
- **The development and efficacy of a paediatric cardiology fellowship online preparatory course.** *Cardiology in the young*
Motonaga, K. S., Sacks, L., Olson, I., Balasubramanian, S., Chen, S., Peng, L., Feinstein, J. A., Silverman, N. H., Hanley, F. L., Axelrod, D. M., Krawczeski, C. D., Arunamata, A., Kwiatkowski, et al
2022: 1-6
- **Cor Triatriatum in Association With a Unique Form of Partial Anomalous Pulmonary Venous Connection.** *World journal for pediatric & congenital heart surgery*
Capecci, L., Mainwaring, R. D., Olson, I., Hanley, F. L.
2021: 21501351211046907
- **Healthy Hearts via Live Videoconferencing: An Exercise and Diet Intervention in Pediatric Heart Transplant Recipients.** *Journal of the American Heart Association*
Chen, A. C., Ramirez, F. D., Rosenthal, D. N., Couch, S. C., Berry, S. n., Stauffer, K. J., Brabender, J. n., McDonald, N. n., Lee, D. n., Barkoff, L. n., Nourse, S. E., Kazmucha, J. n., Wang, et al
2020; 9 (3): e013816
- **Healthy Hearts via Live Video Conferencing: An Exercise and Diet Intervention in Pediatric Heart Transplant Patients** *JAHA*
Chen, A. C., Ramirez, F., Rosenthal, D. N., Couch, S. C., Berry, S., Stauffer, K. J., Brabender, J., McDonald, N., Lee, D., Barkoff, L., Nourse, S. E., Kazmucha, J., Wang, et al
2020
- **Healthy hearts in pediatric heart transplant patients with an exercise and diet intervention via live video conferencing-Design and rationale** *PEDIATRIC TRANSPLANTATION*
Chen, A. C., Rosenthal, D. N., Couch, S. C., Berry, S., Stauffer, K. J., Brabender, J., McDonald, N., Lee, D., Barkoff, L., Nourse, S. E., Kazmucha, J., Wang, C., Olson, et al
2019; 23 (1)
- **Live-Video-Supervised Exercise and Diet Intervention in Pediatric Heart Transplant Patients**
Chen, A., Rosenthal, D., Ramirez, F., Stauffer, K., Berry, S., Brabender, J., McDonald, N., Lee, D., Barkoff, L., Nourse, S., Kazmucha, J., Wang, C., Olson, et al
LIPPINCOTT WILLIAMS & WILKINS.2018
- **Healthy hearts in pediatric heart transplant patients with an exercise and diet intervention via live video conferencing-Design and rationale.** *Pediatric transplantation*
Chen, A. C., Rosenthal, D. N., Couch, S. C., Berry, S., Stauffer, K. J., Brabender, J., McDonald, N., Lee, D., Barkoff, L., Nourse, S. E., Kazmucha, J., Wang, C. J., Olson, et al

2018; e13316

- **Utility of serial 12-lead electrocardiograms in children with Marfan syndrome** *CARDIOLOGY IN THE YOUNG*
Arunamata, A. A., Nguyen, C. T., Ceresnak, S. R., Dubin, A. M., Olson, I. L., Murphy, D. J., Tierney, E.
2018; 28 (8): 1009–13
- **Utility of serial 12-lead electrocardiograms in children with Marfan syndrome.** *Cardiology in the young*
Arunamata, A. A., Nguyen, C. T., Ceresnak, S. R., Dubin, A. M., Olson, I. L., Murphy, D. J., Selamet Tierney, E. S.
2018: 1–5
- **THE DEVELOPMENT AND EFFICACY OF A PEDIATRIC CARDIOLOGY FELLOWSHIP ONLINE PREPARATORY COURSE**
Motonaga, K., Sacks, L., Olson, I., Balasubramanian, S., Chen, S., Peng, L., Feinstein, J., Silverman, N., Hanley, F., Axelrod, D., Krawczeski, C., Ceresnak, S.
ELSEVIER SCIENCE INC.2018: 2622
- **Practice Patterns in Postoperative Echocardiographic Surveillance after Congenital Heart Surgery in Children: A Single Center Experience** *JOURNAL OF PEDIATRICS*
Arunamata, A., Axelrod, D. M., Kipps, A. K., McElhinney, D. B., Shin, A. Y., Hanley, F. L., Olson, I. L., Roth, S. J., Tierney, E. S.
2017; 180: 87-?
- **Practice Patterns in Postoperative Echocardiographic Surveillance after Congenital Heart Surgery in Children: A Single Center Experience.** *journal of pediatrics*
Arunamata, A., Axelrod, D. M., Kipps, A. K., McElhinney, D. B., Shin, A. Y., Hanley, F. L., Olson, I. L., Roth, S. J., Selamet Tierney, E. S.
2016
- **Live Video Diet and Exercise Intervention in Overweight and Obese Youth: Adherence and Cardiovascular Health.** *journal of pediatrics*
Nourse, S. E., Olson, I., Popat, R. A., Stauffer, K. J., Vu, C. N., Berry, S., Kazmucha, J., Ogareva, O., Couch, S. C., Urbina, E. M., Tierney, E. S.
2015; 167 (3): 533-9 e1
- **Coronary sinus obstruction after atrioventricular canal defect repair.** *Congenital heart disease*
Peng, D. M., Sun, H. Y., Hanley, F. L., Olson, I., Punn, R.
2014; 9 (4): E121-4
- **Live video diet and exercise intervention in overweight adolescents and vascular health**
Nourse, S., Olson, I., Popat, R. A., Stauffer, K. J., Vu, C., Berry, S., Kazmucha, J., Ogareva, O., Couch, S. C., Urbina, E. M., Tierney, E.
SAGE PUBLICATIONS LTD.2014: 231-232
- **Supine cycling in pediatric exercise testing: disparity in performance measures.** *Pediatric cardiology*
May, L. J., Punn, R., Olson, I., Kazmucha, J. A., Liu, M. Y., Chin, C.
2014; 35 (4): 705-710
- **Supine Exercise Echocardiographic Measures of Systolic and Diastolic Function in Children** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*
Punn, R., Obayashi, D. Y., Olson, I., Kazmucha, J. A., Depucci, A., Hurley, M. P., Chin, C.
2012; 25 (7): 773-781
- **Correlation of Subjective Questionnaires With Cardiac Function as Determined by Exercise Testing in a Pediatric Population** *PEDIATRIC CARDIOLOGY*
Burns, R., Olson, I., Kazmucha, J., Balise, R., Chin, R., Chin, C.
2010; 31 (7): 1043-1048
- **Anomalies Associated With a Prominent Azygos Vein on Echocardiography in the Pediatric Population** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*
Punn, R., Olson, I.
2010; 23 (3): 282-285
- **V-O2 @ RER1.0: A Novel Submaximal Cardiopulmonary Exercise Index** *PEDIATRIC CARDIOLOGY*
Chin, C., Kazmucha, J., Kim, N., Suryani, R., Olson, I.
2010; 31 (1): 50-55