



## Clara Lo

Clinical Professor, Pediatrics - Hematology & Oncology

### CLINICAL OFFICE (PRIMARY)

- **Pediatric Hematology and Oncology**

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MC 5913

Palo Alto, CA 94304

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### Bio

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### CLINICAL FOCUS

- Pediatric Hematology-Oncology

### ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Hematology & Oncology

### ADMINISTRATIVE APPOINTMENTS

- Medical Director, Stanford Hemophilia and Thrombosis Treatment Center, (2022- present)
- Section Chief, Pediatric Hematology, (2017- present)
- Co-Ambulatory Medical Director, Bass Center for Childhood Cancer and Blood Diseases, (2017-2022)
- Medical Director, Pediatric Hematology, (2016- present)
- Clerkship Director, Pediatric Hematology-Oncology Medical School Clerkship (Peds 305A), (2014- present)
- Rotation Director, Pediatric Hematology Residency Selective, (2013- present)
- Undergraduate Pre-Major Advisor, Stanford University, (2013-2015)

### HONORS AND AWARDS

- Member, Alpha Omega Alpha
- Awardee, Stanford SPARK (2013)
- Awardee, Child Health Research Institute Grant (2012)
- Awardee, Stanford Pediatric Research Fund (2011)
- Awardee, Helena Anna Henzl Gabor Young Women in Science Fellowship (2010)
- Fellow, Debra and Andrew Rachleff Endowed Fellow (2009-2011)
- Fellow, Krensky Endowed Clinical Fellow (2008-2009)
- Awardee, Children's Hospital of Orange County Merle J. Norman Graduating Resident of the Year (2008)

- Awardee, Childrens Hospital of Orange County Resident Teaching Award (2007)
- Awardee, Regents Scholar (2001)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Expert Panel Member, The ARIA Guide, a St. Jude and the International Society of Paediatric Oncology (SIOP) partnership (2023 - present)
- Member, Children's Hospital Acquired Thrombosis Consortium (2023 - present)
- Member, Foundation for Women and Girls with Blood Disorders Learning Action Network (WGBD LAN) (2022 - present)
- Member, International Society on Thrombosis and Haemostasis (2015 - present)
- Member, Intern Selection Committee (2014 - 2015)
- Committee Member, ITP Consortium of North America (2012 - present)
- Member, American Society of Hematology (2008 - present)
- Member, American Society of Pediatric Hematology/Oncology (2008 - present)

## **PROFESSIONAL EDUCATION**

- Medical Education: New York Medical College (2005) NY
- Fellowship: Stanford University Pediatric Hematology Oncology Fellowship (2011) CA
- Residency: UCI at Children's Hospital Orange County Pediatric Residency (2008) CA
- Board Certification: Pediatric Hematology-Oncology, American Board of Pediatrics (2013)
- Board Certification: Pediatrics, American Board of Pediatrics (2008)

## **Research & Scholarship**

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### **CURRENT RESEARCH AND SCHOLARLY INTERESTS**

Research interests include:

Biomarkers and targeted therapy in pediatric immune thrombocytopenia

Transfusion-related iron overload

Hemophilia and other rare bleeding disorders

Thrombophilia

### **CLINICAL TRIALS**

- ECHO, Not Recruiting
- Kids-DOTT, Not Recruiting
- Perinatal Arterial Stroke: A Multi-site RCT of Intensive Infant Rehabilitation (I-ACQUIRE), Not Recruiting

## **Publications**

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### **PUBLICATIONS**

- **T Cell Clonality in Paediatric Immune Thrombocytopenia**  
Tan, M. M. H., Malik, A., Wang, J., Lo, C., Hart, A., Joshi, N., Adams, S., Zhang, P., Rezvani, K., Zhang, B., Cooper, N.  
ELSEVIER.2024: 550-551
- **Clinical Study to Determine the Pathogenesis of Autoimmune Thrombocytopenia in Pediatric Patients**  
Sharma, P., Ruiz, M. E., Lo, C., Maecker, H., Hsieh, L., Nugent, D. J.  
ELSEVIER.2024: 3943-3944
- **Clinical characteristics, treatment, and outcomes of provoked acute cerebral sinovenous thrombosis in patients <21 years old: findings from the Kids-DOTT Multinational Trial** *RESEARCH AND PRACTICE IN THROMBOSIS AND HAEMOSTASIS*

- Woods, G. M., Miller, A., Mosha, M., Male, C., Verma, A., Kucine, N., Sabapathy, C., Beg, K., Ahuja, S., Raybagkar, D., Hege, K., Lo, C., Bhat, et al 2024; 8 (7)
- **Is there a role for eltrombopag drug levels in paediatric immune thrombocytopenia management?** *British journal of haematology*  
Lo, C.  
2024
  - **Clinical Characteristics, Treatment, and Outcomes of Provoked Acute Cerebral Sinovenous Thrombosis in Patients <21 Years Old: Findings from the Kids-DOTT Multinational Trial**  
Woods, G., Miller, A., Mosha, M., Male, C., Verma, A., Kucine, N., Sabapathy, C., Beg, K. A., Ahuja, S., Raybagkar, D. A., Hege, K., Lo, C., Bhat, et al  
AMER SOC HEMATOLOGY.2023
  - **Abnormal platelet aggregation in pediatric pulmonary hypertension** *PULMONARY CIRCULATION*  
Handler, S. S., Jin, J., Ogawa, M. T., Feinstein, J. A., Lo, C.  
2022; 12 (3): e12104
  - **Effect of Anticoagulant Therapy for 6 Weeks vs 3 Months on Recurrence and Bleeding Events in Patients Younger Than 21 Years of Age With Provoked Venous Thromboembolism: The Kids-DOTT Randomized Clinical Trial.** *JAMA*  
Goldenberg, N. A., Kittelson, J. M., Abshire, T. C., Bonaca, M., Casella, J. F., Dale, R. A., Halperin, J. L., Hamblin, F., Kessler, C. M., Manco-Johnson, M. J., Sidonio, R. F., Spyropoulos, A. C., Steg, et al  
2022; 327 (2): 129-137
  - **A case of acquired von Willebrand disease in severe pediatric pulmonary hypertension contributing to bleeding following reverse Potts shunt.** *Pulmonary circulation*  
Sullivan, R. T., Lo, C., Martin, E., Kameny, R. J., Hopper, R. K.  
2022; 12 (1): e12042
  - **Pediatric acquired factor VIII deficiency presenting as hemarthrosis.** *Pediatric blood & cancer*  
Daigh, L. H., Chien, M. C., Lo, C. Y.  
1800: e29530
  - **Next Generation Sequencing-Based Characterization of T Cell Receptor Repertoire of Patients with Immune Thrombocytopenia**  
Han, P., You, X., Lo, C., Xu, L., Zhang, H., Zehnder, J. L., Zhang, B.  
AMER SOC HEMATOLOGY.2019
  - **Usefulness of anti-platelet therapy testing in children supported with a ventricular assist device.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
May, L. J., Liu, X., Tesoro, T., Yang, J., Lo, C., Chen, S., Murray, J., Rosenthal, D. N., Michelson, A. D., Almond, C. S.  
2019
  - **Dietary Iron Deficiency Anemia in Children** *NUTRITIONAL ANEMIA: SCIENTIFIC PRINCIPLES, CLINICAL PRACTICE, AND PUBLIC HEALTH*  
Lo, C., Jeng, M.  
edited by Means, R. T.  
2019: 96–102
  - **Platelet Characteristics and Bleeding Patterns in Children with Jacobsen Syndrome: A Single Center Report**  
Gilbert, M., Lo, C., Andrews, J., Ohgami, R., Jeng, M.  
WILEY.2017: S86
  - **Case Report: Clinical Variation in Children With Thrombopoietin Receptor (C-MPL) Mutations: Report of 2 Cases.** *Journal of pediatric hematology/oncology*  
Lo, C. n., Alvarez, E. n., Ohgami, R. S., Jeng, M. n.  
2017
  - **Major Causes of Stroke in Children With Congenital and Acquired Heart Disease.**  
Elbers, J., Lee, E., Yarlagadda, V. V., Lo, C., Hanisch, D., Lin, A., Almond, C. S., Shin, A. Y.  
LIPPINCOTT WILLIAMS & WILKINS.2016
  - **Updated analysis: central venous access device infection rates in an expanded cohort of paediatric patients with severe haemophilia receiving prophylactic recombinant tissue plasminogen activator.** *Haemophilia*

McCarthy, C. E., O'Brien, M., Andrews, J., Zoland, J. M., Macasiray, E., Wong, W., Lo, C., Glader, B., TAMAREISIS, J., Jeng, M.  
2016; 22 (1): 81-86

- **Neonatal Thrombocytopenia** *Neonatology: Clinical Practice and Procedures*  
Lo, C., Glader, B., Wong, W.  
2015
- **Female Gender and Hispanic Ethnicity are Associated with Increased Risk of Subacute Methotrexate Encephalopathy** *Toxicology: Open Access*  
Lo, C. Y., Campen, C., Luna-Fineman, S., Lacayo, N. J., Fisher, P. G., Dahl, G. V.  
2015
- **Polycythemia** *Neonatology: Clinical Practice and Procedures*  
Lo, C., Wong, W.  
2015
- **Bone marrow failure** *Rodack's Hematology: Clinical Principles and Applications*  
Lo, C., Glader, B., Sakamoto, K.  
2015
- **Immune Thrombocytopenia in Children Less Than 1 Year of Age: A Single-institution 10-year Experience.** *Journal of pediatric hematology/oncology*  
Lo, C., Wong, W., Glader, B., Jeng, M.  
2013; 35 (5): 406-408
- **The Role of Oxidative Stress in Pediatric Immune Thrombocytopenia** *54th Annual Meeting and Exposition of the American-Society-of-Hematology (ASH)*  
Lo, C., Zhang, B., Cusmano-Ozog, K., Wong, W., Jeng, M., Cowan, T., Zehnder, J. L.  
AMER SOC HEMATOLOGY.2012
- **The Role of Oxidative Stress in Pediatric Immune Thrombocytopenia**  
Lo, C., Zhang, B., Cusmano-Ozog, K., Wong, W., Jeng, M., Cowan, T., Zehnder, J. L.  
AMER SOC HEMATOLOGY.2012
- **CLINICAL PRESENTATION AND MANAGEMENT OF SUBACUTE METHOTREXATE-INDUCED ENCEPHALOPATHY IN PATIENTS WITH PEDIATRIC MALIGNANCIES**  
Lo, C., Campen, C., Lacayo, N., Dahl, G.  
WILEY-BLACKWELL.2012: 1050-51
- **Chronic Oxidative Stress and Endothelial Dysfunction in Sickle Cell Disease** *Sickle Cell Disease: A New Vision for an Old Problem*  
Lo, C., Morris, C.  
2012
- **IMMUNE-MEDIATED THROMBOCYTOPENIA IN CHILDREN LESS THAN 1 YEAR OF AGE: A SINGLE-INSTITUTION 10-YEAR EXPERIENCE**  
Lo, C., Newman, A., Wong, W., Glader, B., Jeng, M.  
WILEY-BLACKWELL.2011: 915-15
- **The role of vanin-1 and oxidative stress-related pathways in distinguishing acute and chronic pediatric ITP** *BLOOD*  
Zhang, B., Lo, C., Shen, L., Sood, R., Jones, C., Cusmano-Ozog, K., Park-Snyder, S., Wong, W., Jeng, M., Cowan, T., Engleman, E. G., Zehnder, J. L.  
2011; 117 (17): 4569-4579
- **Development of Antibodies to Human Thrombin and Factor V in a Patient Exposed to Topical Bovine Thrombin** *PEDIATRIC BLOOD & CANCER*  
Lo, C. Y., Jones, C., Glader, B., Zehnder, J. L.  
2010; 55 (6): 1195-1197