



Nicole Yamada

Clinical Associate Professor, Pediatrics - Neonatal and Developmental Medicine

CLINICAL OFFICES

- **Neonatal Intensive Care**

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Bio

CLINICAL FOCUS

- Neonatology
- Neonatal Resuscitation

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatrics - Neonatal and Developmental Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Medical Director, Neonatal Critical Care Transport Team, Lucile Packard Children's Hospital, (2017- present)
- Associate Director, Center for Advanced Pediatric and Perinatal Education (CAPE, cape.stanford.edu), (2015- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Society for Pediatric Research (2019 - present)
- Member, Human Factors and Ergonomics Society (2014 - present)
- Member, International Pediatric Simulation Society (2014 - present)
- Member, California Association of Neonatologists (2013 - present)
- Member, Society for Simulation in Healthcare (2012 - 2016)
- Member, American Academy of Pediatrics (2009 - present)

PROFESSIONAL EDUCATION

- Board Certification: Neonatal-Perinatal Medicine, American Board of Pediatrics (2018)
- M.S., San José State University , Human Factors and Ergonomics (2018)
- Board Certification, American Board of Pediatrics , Neonatal-Perinatal Medicine (2018)
- Fellowship: Stanford University School of Medicine Registrar (2015) CA

- Board Certification: Pediatrics, American Board of Pediatrics (2012)
- Residency: UCSD Medical Center (2012) CA
- Internship: UCSD Medical Center (2010) CA
- Medical Education: Washington Univ School Of Med (2009) MO

Research & Scholarship

PROJECTS

- Determination of the rate of common deviations from the NRP algorithm and evaluation of focused strategies for remediation - CAPE at Stanford

Publications

PUBLICATIONS

- **Appraisal of a scoring instrument for training and testing neonatal intubation skills** *ARCHIVES OF DISEASE IN CHILDHOOD-FETAL AND NEONATAL EDITION*
Bouwmeester, R. N., Binkhorst, M., Yamada, N. K., Geurtzen, R., van Heijst, A. J., Halamek, L. P., Draaisma, J. T., Hogeveen, M.
2019; 104 (5): F521–F527
- **The role of human factors in neonatal patient safety.** *Seminars in perinatology*
Yamada, N. K., Catchpole, K., Salas, E.
2019; 151174
- **Ergonomic Challenges Inherent in Neonatal Resuscitation.** *Children (Basel, Switzerland)*
Yamada, N. K., Fuerch, J. H., Halamek, L. P.
2019; 6 (6)
- **2019 American Heart Association Focused Update on Neonatal Resuscitation: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care.** *Circulation*
Escobedo, M. B., Aziz, K., Kapadia, V. S., Lee, H. C., Niermeyer, S., Schmölder, G. M., Szyld, E., Weiner, G. M., Wyckoff, M. H., Yamada, N. K., Zaichkin, J. G.
2019: CIR0000000000000729
- **Appraisal of a scoring instrument for training and testing neonatal intubation skills.** *Archives of disease in childhood. Fetal and neonatal edition*
Bouwmeester, R. N., Binkhorst, M., Yamada, N. K., Geurtzen, R., van Heijst, A. F., Halamek, L. P., Draaisma, J. M., Hogeveen, M.
2018
- **Perspectives on periviability counselling and decision-making differed between neonatologists in the United States and the Netherlands** *ACTA PAEDIATRICA*
Schrijvers, N. M., Geurtzen, R., Draaisma, J. T., Halamek, L. P., Yamada, N. K., Hogeveen, M.
2018; 107 (10): 1710–15
- **Optimal human and system performance during neonatal resuscitation.** *Seminars in fetal & neonatal medicine*
Yamada, N. K., Kamlin, C. O., Halamek, L. P.
2018
- **Simulation-Based Patient-Specific Multidisciplinary Team Training in Preparation for the Resuscitation and Stabilization of Conjoined Twins** *AMERICAN JOURNAL OF PERINATOLOGY*
Yamada, N. K., Fuerch, J. H., Halamek, L. P.
2017; 34 (6): 621-626
- **Impact of Standardized Communication Techniques on Errors during Simulated Neonatal Resuscitation.** *American journal of perinatology*
Yamada, N. K., Fuerch, J. H., Halamek, L. P.
2016; 33 (4): 385-392
- **Modification of the Neonatal Resuscitation Program Algorithm for Resuscitation of Conjoined Twins.** *American journal of perinatology*
Yamada, N. K., Fuerch, J. H., Halamek, L. P.
2016; 33 (4): 420-424

- **Failed endotracheal intubation and adverse outcomes among extremely low birth weight infants.** *Journal of perinatology*
Wallenstein, M. B., Birnie, K. L., Arain, Y. H., Yang, W., Yamada, N. K., Huffman, L. C., Palma, J. P., Chock, V. Y., Shaw, G. M., Stevenson, D. K.
2016; 36 (2): 112-115
- **Simulation in Paediatrics** *Manual of Simulation in Healthcare*
Yamada, N. K., Fuerch, J. H., Halamek, L. P.
edited by Riley, R.
Oxford University Press.2016; 2nd: 383–396
- **Analysis and classification of errors made by teams during neonatal resuscitation** *RESUSCITATION*
Yamada, N. K., Yaeger, K. A., Halamek, L. P.
2015; 96: 109-113
- **Impact of a novel decision support tool on adherence to Neonatal Resuscitation Program algorithm** *RESUSCITATION*
Fuerch, J. H., Yamada, N. K., Coelho, P. R., Lee, H. C., Halamek, L. P.
2015; 88: 52-56
- **On the need for precise, concise communication during resuscitation: a proposed solution.** *journal of pediatrics*
Yamada, N. K., Halamek, L. P.
2015; 166 (1): 184-187
- **Analysis and classification of errors made by teams during neonatal resuscitation.** *Resuscitation*
Yamada, N. K., Yaeger, K. A., Halamek, L. P.
2015; 96: 109–13
- **The Role of a Fetal Center in Preparing for a Conjoined Twin Delivery** *NeoReviews*
Fuerch, J. H., Yamada, N. K., Kobayashi, D., Hartman, G. E., Blumenfeld, Y. J., Hintz, S. R., Chock, V. Y.
2015; 16 (11): e617-623
- **Communication during resuscitation: Time for a change?** *RESUSCITATION*
Yamada, N. K., Halamek, L. P.
2014; 85 (12): E191-E192
- **The Neonatal Resuscitation Program: Current Recommendations and a Look at the Future** *INDIAN JOURNAL OF PEDIATRICS*
Kumar, P., Yamada, N. K., Fuerch, J. H., Halamek, L. P.
2014; 81 (5): 473-480
- **When operating is considered futile: Difficult decisions in the neonatal intensive care unit** *SURGERY*
Yamada, N. V., Kodner, I. J., Brown, D. E.
2009; 146 (1): 122-125