

# Stanford

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## Ronald Cohen

Clinical Professor, Pediatrics - Neonatal and Developmental Medicine

### CLINICAL OFFICES

- **Neonatal Intensive Care Unit**

750 Welch Rd Ste 315

MC 5731

Palo Alto, CA 94304

**Tel** (650) 723-5711

**Fax** (650) 725-8351

### Bio

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### CLINICAL FOCUS

- Neonatal-Perinatal Medicine

### ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Neonatal and Developmental Medicine

### ADMINISTRATIVE APPOINTMENTS

- Medical Director, PICN, LPCH, (2004- present)

### PROFESSIONAL EDUCATION

- Fellowship: Stanford University Neonatology Fellowship (1981) CA
- Residency: UCSF Pediatric Department (1979) CA
- Residency: UCSF Pediatric Department (1978) CA
- Internship: UCSF Pediatric Department (1977) CA
- Board Certification: Neonatal-Perinatal Medicine, American Board of Pediatrics (1981)
- Board Certification: Pediatrics, American Board of Pediatrics (1981)
- Medical Education: Columbia University College of Physicians and Surgeons (1976) NY
- BA, Columbia College, NY (1972)

### COMMUNITY AND INTERNATIONAL WORK

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- Mothers' Milk Bank of San José

## Teaching

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### COURSES

#### 2017-18

- Introduction to Pediatrics Lecture Series: PEDS 214 (Win)
- Pediatrics Journal Club: PEDS 130, PEDS 230 (Spr)

## Publications

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### PUBLICATIONS

- **Learning from Wildfire Disaster Experience in California NICUs.** *Children (Basel, Switzerland)*  
Ma, A. L., Cohen, R. S., Lee, H. C.  
2020; 7 (10)
- **The Neonatal Intensive Care Unit: From Aggressive Treatment to Care of the Dying, Insights from Art and Poetry** *CAMBRIDGE QUARTERLY OF HEALTHCARE ETHICS*  
Paris, J. J., Vallandingham, S., Cummings, B., Cohen, R.  
2020; 29 (3): 354–60
- **California NICU disaster preparedness.** *Journal of perinatology : official journal of the California Perinatal Association*  
Eskandar-Afshari, F., Carbine, D. N., Cohen, R. S., Cui, X., Dueñas, G. V., Lee, H. C.  
2020
- **Sustainability of a Clinical Examination-Based Approach for Ascertainment of Early Onset Sepsis in Late Preterm and Term Neonates.** *The Journal of pediatrics*  
Frymoyer, A., Joshi, N. S., Allan, J. M., Cohen, R. S., Aby, J. L., Kim, J. L., Benitz, W. E., Gupta, A.  
2020
- **Increased Carbon Monoxide Washout Rates in Newborn Infants.** *Neonatology*  
Stevenson, D. K., Wong, R. J., Ostrander, C. R., Maric, I., Vreman, H. J., Cohen, R. S.  
2019: 1–5
- **Case 2: Infant with Early Direct Hyperbilirubinemia.** *NeoReviews*  
Kumbhat, N., Folkins, A., Hawksley, C., Cohen, R.  
2019; 20 (6): e350–e352
- **Management of Chorioamnionitis-Exposed Infants in the Newborn Nursery Using a Clinical Examination-Based Approach.** *Hospital pediatrics*  
Joshi, N. S., Gupta, A., Allan, J. M., Cohen, R. S., Aby, J. L., Kim, J. L., Benitz, W. E., Frymoyer, A.  
2019
- **Triage by Resource Allocation for INpatients: A Novel Disaster Triage Tool for Hospitalized Pediatric Patients** *DISASTER MEDICINE AND PUBLIC HEALTH PREPAREDNESS*  
Lin, A., Taylor, K., Cohen, R. S.  
2018; 12 (6): 692–96
- **Chemical Contaminants in Raw and Pasteurized Human Milk** *JOURNAL OF HUMAN LACTATION*  
Hartle, J. C., Cohen, R. S., Sakamoto, P., Barr, D., Carmichael, S. L.  
2018; 34 (2): 340–49
- **Clinical Monitoring of Well-Appearing Infants Born to Mothers With Chorioamnionitis** *PEDIATRICS*  
Joshi, N. S., Gupta, A., Allan, J. M., Cohen, R. S., Aby, J. L., Weldon, B., Kim, J. L., Benitz, W. E., Frymoyer, A.  
2018; 141 (4)
- **Triage by Resource Allocation for INpatients: A Novel Disaster Triage Tool for Hospitalized Pediatric Patients.** *Disaster medicine and public health preparedness*  
Lin, A., Taylor, K., Cohen, R. S.  
2018: 1–5

- **Clinical Monitoring of Well-Appearing Infants Born to Mothers With Chorioamnionitis.** *Pediatrics*  
Joshi, N. S., Gupta, A., Allan, J. M., Cohen, R. S., Aby, J. L., Weldon, B., Kim, J. L., Benitz, W. E., Frymoyer, A.  
2018; 141 (4)
- **Supplemental Feedings for High-Risk Preterm Infants.** *JAMA pediatrics*  
Lima, H. K., Cohen, R. S., Young, T. E.  
2016; 170 (11): 1112-?
- **Impact of Donor Milk Availability on Breast Milk Use and Necrotizing Enterocolitis Rates.** *Pediatrics*  
Kantorowska, A., Wei, J. C., Cohen, R. S., Lawrence, R. A., Gould, J. B., Lee, H. C.  
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- **DONOR HUMAN MILK AVAILABILITY PROMOTES BREAST MILK FEEDING AND LOWERS NECROTIZING ENTEROCOLITIS IN VERY LOW BIRTH WEIGHT INFANTS**  
Wei, J., Kantorowska, A., Cohen, R., Gould, J. B., Lawrence, R., Lee, H.  
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- **Storage of Leftover Unpasteurized and Pasteurized Human Milk**  
Meng, T., Fogleman, A., Cohen, R., Sakamoto, P., Allen, J.  
FEDERATION AMER SOC EXP BIOL.2013
- **Fortification of Donor Human Milk for Premature Infants**  
Bissett, E., Fogleman, A., Cohen, R., Sakamoto, P., Allen, J.  
FEDERATION AMER SOC EXP BIOL.2013
- **Regional Disaster Planning for Neonatal Intensive Care** *DISASTER MANAGEMENT: MEDICAL PREPAREDNESS, RESPONSE AND HOMELAND SECURITY*  
Cohen, R. S., Arora, R., Arora, P.  
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- **Impact of an EMR-Based Daily Patient Update Letter on Communication and Parent Engagement in a Neonatal Intensive Care Unit.** *Journal of participatory medicine*  
Palma, J. P., Keller, H., Godin, M., Wayman, K., Cohen, R. S., Rhine, W. D., Longhurst, C. A.  
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- **Effect of Added Calcium, Phosphorus, and Infant Formula on Calcium and Phosphorus Dialyzability in Preterm Donor Human Milk** *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*  
Fogleman, A. D., Cohen, R. S., Sakamoto, P., Allen, J. C.  
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- **Cultures of Holder-Pasteurized Donor Human Milk After Use in a Neonatal Intensive Care Unit** *BREASTFEEDING MEDICINE*  
Cohen, R. S., Huang, C. R., Xiong, S. C., Sakamoto, P.  
2012; 7 (4): 282-284
- **Extensive Subcutaneous Fat Necrosis of the Newborn Associated with Therapeutic Hypothermia** *PEDIATRIC DERMATOLOGY*  
Hogeling, M., Meddles, K., Berk, D. R., Bruckner, A. L., Shimotake, T. K., Cohen, R. S., Frieden, I. J.  
2012; 29 (1): 59-63
- **Feeding Premature Infants: Why, When, and What to Add to Human Milk** *JOURNAL OF PARENTERAL AND ENTERAL NUTRITION*  
Cohen, R. S., McCallie, K. R.  
2012; 36: 20S-24S
- **Ventricular Access Devices Are Safe and Effective in the Treatment of Posthemorrhagic Ventricular Dilatation prior to Shunt Placement** *PEDIATRIC NEUROSURGERY*  
Tian, A. G., Hintz, S. R., Cohen, R. S., Edwards, M. S.  
2012; 48 (1): 13-20
- **Perioperative management of low birth weight infants for open-heart surgery** *PEDIATRIC ANESTHESIA*  
Williams, G. D., Cohen, R. S.  
2011; 21 (5): 538-553

- **Improved outcomes with a standardized feeding protocol for very low birth weight infants** *JOURNAL OF PERINATOLOGY*  
McCallie, K. R., Lee, H. C., Mayer, O., Cohen, R. S., Hintz, S. R., Rhine, W. D.  
2011; 31: S61-S67
- **Supplementation of Human Milk with Calcium, Phosphorus, and Post-Discharge Formula**  
Fogleman, A., Sakamoto, P., Cohen, R. S., Allen, J. C.  
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- **Regional disaster planning for neonatology** *JOURNAL OF PERINATOLOGY*  
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- **Understanding Neonatal Jaundice: A Perspective on Causation** *PEDIATRICS AND NEONATOLOGY*  
Cohen, R. S., Wong, R. J., Stevenson, D. K.  
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- **Retrospective review of serological testing of potential human milk donors** *ARCHIVES OF DISEASE IN CHILDHOOD-FETAL AND NEONATAL EDITION*  
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- **DISASTER PLANNING - TRIAGING RESOURCE ALLOCATION IN NEONATOLOGY**  
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- **Fentanyl Transdermal Analgesia During Pregnancy and Lactation** *JOURNAL OF HUMAN LACTATION*  
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- **Response to "Deception and the Principle of Double Effect" by Amnon Goldworth (CQ Vol. 17, No. 4) The Role of Intention** *CAMBRIDGE QUARTERLY OF HEALTHCARE ETHICS*  
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2009; 18 (1): 101-102
- **Response to ??Deception and the Principle of Double Effect??** *Camb Q Healthc Ethics*  
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- **Current issues in human milk banking.** *NeoReviews*  
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- **The extremely premature infant at the crossroad.** *Ethical Dilemmas in Pediatrics*  
Cohen RS, Kim EK  
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- **Once-daily gentamicin dosing in newborn infants** *PEDIATRICS*  
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- **Once daily gentamicin dosing in the neonatal intensive care unit.**  
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- **Retrospective analysis of risks associated with an umbilical artery catheter system for continuous monitoring of arterial oxygen tension.** *Journal of perinatology*  
Cohen, R. S., Ramachandran, P., Kim, E. H., Glasscock, G. F.  
1995; 15 (3): 195-198
- **A modified newborn intensive care unit environment may shorten hospital stay.** *Journal of perinatology*  
Gatts, J. D., Wallace, D. H., Glasscock, G. F., McKee, E., Cohen, R. S.  
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- **Experience with double-lumen umbilical venous catheters in the low-birth-weight neonate.** *Journal of perinatology*  
Ramachandran, P., Cohen, R. S., Kim, E. H., Glasscock, G. F.  
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- **ADHESION OF PERCUTANEOUSLY INSERTED SILASTIC CENTRAL VENOUS LINES TO THE VEIN WALL-ASSOCIATED WITH MALASSEZIA-FURFUR INFECTION** *JOURNAL OF PARENTERAL AND ENTERAL NUTRITION*  
Kim, E. H., Cohen, R. S., Ramachandran, P., Glasscock, G. F.  
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- **Overestimation of neonatal PO2 by collection of arterial blood gas values with the butterfly infusion set.** *Journal of perinatology*  
Kim, E. H., Cohen, R. S., Ramachandran, P., Glasscock, G. F.  
1993; 13 (3): 255-?
- **TRISOMY-22 WITH CONGENITAL DIAPHRAGMATIC-HERNIA AND ABSENCE OF CORPUS-CALLOSUM IN A LIVEBORN PREMATURE-INFANT** *AMERICAN JOURNAL OF MEDICAL GENETICS*  
Kim, E. H., Cohen, R. S., Ramachandran, P., MINETA, A. K., Babu, V. R.  
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- **EFFECT OF VASCULAR PUNCTURE ON BLOOD-GASES IN THE NEWBORN** *PEDIATRIC PULMONOLOGY*  
Kim, E. H., Cohen, R. S., Ramachandran, P.  
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- **NEONATAL HYPERBILIRUBINEMIA AT HIGH-ALTITUDE** *AMERICAN JOURNAL OF DISEASES OF CHILDREN*  
Leibson, C., Brown, M., Thibodeau, S., Stevenson, D., Vreman, H., Cohen, R., CLEMONS, G., Callen, W., Moore, L. G.  
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- **EFFECT OF BOOSTER BLOOD-TRANSFUSIONS ON OXYGEN UTILIZATION IN INFANTS WITH BRONCHOPULMONARY DYSPLASIA** *JOURNAL OF PEDIATRICS*  
Alverson, D. C., ISKEN, V. H., Cohen, R. S.  
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- **EFFECT OF ALTITUDE ON NEONATAL BILIRUBIN PRODUCTION**  
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- **USE OF NONINVASIVE TESTS TO PREDICT SIGNIFICANT JAUNDICE IN FULL-TERM INFANTS - PRELIMINARY STUDIES** *PEDIATRICS*  
Smith, D. W., Inguillo, D., Martin, D., Vreman, H. J., Cohen, R. S., Stevenson, D. K.  
1985; 75 (2): 278-280
- **BILIRUBINEMIA IN OLDER VERY LOW BIRTH-WEIGHT INFANTS**  
COHEN, R. S., DURAND, D. J., STEVENSON, D. K.

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- **INCREASED IMMUNOREACTIVE ERYTHROPOIETIN IN CORD PLASMA AND NEONATAL BILIRUBIN PRODUCTION IN NORMAL TERM INFANTS AFTER LABOR**  
Stevenson, D. K., BUCALO, L. R., Cohen, R. S., Vreman, H. J., Clemons, G. K., Ferguson, J. E., Schwartz, H. C.  
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- **USE OF SODIUM-NITROPRUSSIDE IN NEONATES - EFFICACY AND SAFETY** *JOURNAL OF PEDIATRICS*  
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- **BILIRUBIN PRODUCTION AFTER SUPPLEMENTAL ORAL VITAMIN-E THERAPY IN PRETERM INFANTS** *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*  
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- **LATERAL DECUBITUS POSITION AS THERAPY FOR PERSISTENT FOCAL PULMONARY INTERSTITIAL EMPHYSEMA IN NEONATES - A PRELIMINARY-REPORT** *JOURNAL OF PEDIATRICS*  
Cohen, R. S., Smith, D. W., Stevenson, D. K., MOSKOWITZ, P. S., Graham, C. B.  
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- **SURVIVAL AND MORBIDITY OF OUR SMALLEST BABIES - IS THERE A LIMIT TO NEONATAL CARE** *PEDIATRICS*  
Cohen, R. S., Stevenson, D. K., Ariagno, R. L., Sunshine, P.  
1984; 73 (3): 415-416
- **NEONATAL BILIRUBIN PRODUCTION ESTIMATED FROM END-TIDAL CARBON-MONOXIDE CONCENTRATION** *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*  
Smith, D. W., Hopper, A. O., SHAHIN, S. M., Cohen, R. S., OSTRANDER, C. R., Ariagno, R. L., Stevenson, D. K.  
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- **MATERNAL BETA-ADRENERGIC Tocolysis and Neonatal Bilirubin Production** *AMERICAN JOURNAL OF DISEASES OF CHILDREN*  
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- **BREATH HYDROGEN ANALYSIS - A REVIEW OF THE METHODOLOGIES AND CLINICAL-APPLICATIONS** *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*  
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Cohen, R. S., Hopper, A. O., OSTRANDER, C. R., STEVENSON, D. K.  
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- **MATERNAL BETA-ADRENERGIC TOCOLYSIS AND NEONATAL BILIRUBIN PRODUCTION**  
HOPPER, A. O., COHEN, R. S., OSTRANDER, C. R., BRICKMAN, F., STEVENSON, D. K.  
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- **BREATH HYDROGEN IN PRETERM INFANTS - CORRELATION WITH CHANGES IN BACTERIAL-COLONIZATION OF THE GASTROINTESTINAL-TRACT** *JOURNAL OF PEDIATRICS*  
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Cohen, R. S., OSTRANDER, C. R., Cowan, B. E., Stevens, G. B., Hopper, A. O., Stevenson, D. K.  
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