



## Vinod (Vinny) K. Bhutani

Professor of Pediatrics (Neonatology) at the Lucile Salter Packard Children's Hospital, Emeritus

Pediatrics - Neonatology

 NIH Biosketch available Online

 Curriculum Vitae available Online

### Bio

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#### BIO

In my opinion, global health that is equitable, state-of-the-art, evidence based, skilled and compassionate follows the “Gandhian” utopic aspirations of personal integrity, personal value, self-reliance, self-dignity and one that is shared without ideology, borders and economic constraints to allow unfettered access to shared community resources and those that are supplemented by marketplace dynamics to balance the needs of health care seekers and health care providers. Several contemporary models for global health exist including those fostered by Florence Nightingale (for skill, compassion and equity), Albert Schweitzer (for unfettered access of “state-of-art” healthcare to those with economic constraints) and Mother Theresa (for unfettered access to compassion and skilled care during suffering and dying with the absence of ideology), among others. All purveyors of healthcare and allied services are welcome to promote their missionary, personal aspirations for philanthropy, humanity service, good will and governance responsibilities that are best devoid of personal faith ideology, religious fervor or moral superiority. My life skill sets allow me the opportunity to mentor scholarly approaches that are directed towards equitable maternal child health encountered by humanity-at-large.

#### ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical Line, Pediatrics - Neonatology
- Member, Maternal & Child Health Research Institute (MCHRI)

#### ADMINISTRATIVE APPOINTMENTS

- Program Director, Neonatology Fellowship Program, (2015-2018)
- Medical Director, LPCH Neonatal Transport Program, (2011-2018)

#### HONORS AND AWARDS

- Life time Achievement Award, Indian Academy of Pediatrics (2019)
- Usher Lecture, McGill University, Quebec (2017)
- Legend of Neonatology, NeoForum, USA (2016)
- Landmark Award, American Academy of Pediatrics (2014)
- Lifetime Achievement Award, National Neonatology Forum of India (2013)
- Curran Lecture, University of South Florida (2011)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Founder, NeoDesign (2015 - present)
- Chair and Founder, Global Prevention of Kernicterus (2012 - present)
- Co-Founder and Chair, Consortium for Universal Rh disease Elimination (2015 - present)

## PROFESSIONAL EDUCATION

- Neonatal Medicine, American Board of Pediatrics , Sub-Board. Neonatal Medicine (1981)
- Post-doctorate, Temple University , Physiology (1980)
- MD, Temple University , Pediatrics (1975)
- MBBS, Armed Forces Medical College , Medical School (1972)

## COMMUNITY AND INTERNATIONAL WORK

- Newborn Screening for G6PD status, Stanford. University
- Sepsis-related mortality in neonates in India., New Delhi
- null
- Scale-up of Affordable Phototherapy at Birthing Facilities, RWANDA
- Global Burden of Rhesus disease and Extreme Hyperbilirubinemia
- null
- CURhE
- Identification of Neonatal Hemolysis
- STANFORD-INTERNATIONAL HEALTH AND SOCIETY INITIATIVE FOR MATERNAL-CHILD HEALTH WELL-BEING, India
- PILOT KERNICTERUS REGISTRY, USA
- Burden of Neurologic Disease in India, India
- Screening and Prevention of Kernicterus, Africa, South Asia, Latin America and others
- Thermoregulation of the Newborn, South Asia, USA

## Research & Scholarship

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### RESEARCH INTERESTS

- Brain and Learning Sciences
- Child Development
- Collaborative Learning
- Diversity and Identity
- Early Childhood
- Economics and Education
- Gender Issues
- Higher Education
- Legal Issues
- Lifelong Learning
- Parents and Family Issues
- Poverty and Inequality
- Race and Ethnicity
- Research Methods
- Science Education
- Teachers and Teaching

- Technology and Education

## CURRENT RESEARCH AND SCHOLARLY INTERESTS

Translation and bench research for affordable devices that enable remote monitoring of neonatal vital signs, laboratory assays using nanotechnology (specifically, G6PD enzyme, bilirubin, unbound bilirubin and bilirubin binding capacity) and neonatal thermoregulation. We engage pro-actively in public health policies that rely on novel technologies, population data and development of clinical utility decision making tool-kits for global implementation.

## CLINICAL TRIALS

- Bilirubin Binding Capacity to Assess Bilirubin Load in Preterm Infants, Not Recruiting
- Clinical Performance of the Embrace Isothermal Mattress, Not Recruiting
- Point-of-Care System for Determination of Bilirubin Capacity in Neonates, Not Recruiting
- Transcutaneous Screening for Risk of Severe Hyperbilirubinemia in South African Newborns, Not Recruiting

## Teaching

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## GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Neonatal-Perinatal Medicine (Fellowship Program)

## Publications

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### PUBLICATIONS

- **Need for accurate and actionable neonatal bilirubin test results.** *Pediatric research*  
Bhutani, V. K., Hulzebos, C. V., Lo, S. F.  
2025
- **Outcomes of Universal Newborn G6PD Deficiency Screening in a Large Urban Cohort.** *Pediatrics*  
Dalldorf, K., Milburn, S., Francisco, B., Ahle, G., Arguello-Angarita, S., Aris, K., Bates, M., Budge, M., Dalldorf, D., Jiang, C., Lau, K., Mink, S., Reinoso, et al  
2025
- **Neonatal home phototherapy: need for standardized curriculum.** *Pediatric research*  
Bhutani, V. K., Rauch, D. A.  
2025
- **Revised World Health Organization (WHO) classification of G6PD gene variants: Relevance to neonatal hyperbilirubinemia.** *Seminars in fetal & neonatal medicine*  
Watchko, J. F., Bhutani, V. K.  
2025: 101619
- **Effect of bilirubin on visuocortical development in preterm infants.** *Journal of perinatology : official journal of the California Perinatal Association*  
Good, W. V., Wong, R. J., Norcia, A. M., Hou, C., Cellucci, J., McGovern, M. Q., Wong-Kee-You, A., Acevedo Munares, G., Richburg, D., Loveridge-Easter, C., Lee, J. S., DeJesus, L., Slagle, et al  
2025
- **Towards a pharmacokinetic approach to neonatal phototherapy.** *Pediatric research*  
Bhutani, V. K.  
2025
- **G6PD trait: societal importance to ensure well-being of female heterozygotes for health and childbirth.** *Pediatric research*  
Bhutani, V. K.  
2024
- **Phototherapy to Prevent Severe Neonatal Hyperbilirubinemia in the Newborn Infant 35 or More Weeks of Gestation: Technical Report.** *Pediatrics*

- Bhutani, V. K., Wong, R. J., Turkewitz, D., Rauch, D. A., Mowitz, M. E., Barfield, W. D., COMMITTEE ON FETUS & NEWBORN, Eichenwald, E., Ambalavanan, N., Guillory, C., Hudak, M., Kaufman, D., Martin, C., et al  
2024
- **Managing the Historic Burden of Kernicterus Mortality in India.** *Indian journal of pediatrics*  
Vidavalur, R., Bhutani, V. K.  
2024
  - **Implementation of Universal Screening for G6PD Deficiency in Newborns.** *Pediatrics*  
Milburn, S., Bhutani, V. K., Weintraub, A., Guttman, K.  
2024
  - **Should We Consider Screening Newborns of California to Identify their Glucose-6Phosphate Dehydrogenase (G6PD) Enzyme Status?**  
Bhutani, V. K., Vidavalur, R.  
SAGE PUBLICATIONS LTD.2024: 633-634
  - **Glucose-6-Phosphate Dehydrogenase Deficiency in Wisconsin Newborns: Missed Opportunity for Screening.** *WMJ : official publication of the State Medical Society of Wisconsin*  
Chen, L. P., Bhutani, V. K., Fliman, P. J., Mendez, R., Allen, A. H.  
2024; 123 (6): 627-628
  - **Advances to diminish global newborn kernicterus mortality.** *Journal of perinatology : official journal of the California Perinatal Association*  
Bhutani, V. K., Vidavalur, R., Wong, R. J.  
2023
  - **Geo-Racial Epidemiological Estimates of Glucose-6-Phosphate Dehydrogenase (G6PD) Deficiency Among Newborns in the United States.** *American journal of perinatology*  
Vidavalur, R., Bhutani, V.  
2023
  - **Clinical Practice Guideline Revision: Management of Hyperbilirubinemia in the Newborn Infant 35 or More Weeks of Gestation.** *Pediatrics*  
Kemper, A. R., Newman, T. B., Slaughter, J. L., Maisels, M. J., Watchko, J. F., Downs, S. M., Grout, R. W., Bundy, D. G., Stark, A. R., Bogen, D. L., Holmes, A. V., Feldman-Winter, L. B., Bhutani, et al  
2022
  - **Chemoprevention of bilirubin encephalopathy with a nanoceutical agent.** *Pediatric research*  
Adhikari, A., Bhutani, V. K., Mondal, S., Das, M., Darbar, S., Ghosh, R., Polley, N., Das, A. K., Bhattacharya, S. S., Pal, D., Mallick, A. K., Pal, S. K.  
2022
  - **Bilirubin-induced neurotoxicity and visuocortical dysfunction.** *Journal of perinatology : official journal of the California Perinatal Association*  
Good, W. V., Wong, R. J., Norcia, A. M., Stevenson, D. K., Slagel, T., Hou, C., Bhutani, V. K.  
2022
  - **Economic evaluation of point of care universal newborn screening for glucose-6-Phosphate dehydrogenase deficiency in United States.** *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*  
Vidavalur, R., Bhutani, V. K.  
2021: 1–9
  - **Predischarge transcutaneous bilirubin screening reduces readmission rate for hyperbilirubinaemia in diverse South African newborns: A randomised controlled trial** *SAMJ SOUTH AFRICAN MEDICAL JOURNAL*  
Okwundu, C., Bhutani, V. K., Smith, J., Esterhuizen, T. M., Wiysonge, C.  
2020; 110 (3): 249–54
  - **A NEW HOUR-SPECIFIC SERUM BILIRUBIN NOMOGRAM CONSTRUCTED WITH DATA FROM 400,000 NEONATES**  
Bahr, T. M., Henry, E. R., Christensen, R. D., Minton, S. D., Bhutani, V. K.  
BMJ PUBLISHING GROUP.2020: A162
  - **Clinical decision support tool for phototherapy initiation in preterm infants.** *Journal of perinatology : official journal of the California Perinatal Association*  
Arain, Y. n., Banda, J. M., Faulkenberry, J. n., Bhutani, V. K., Palma, J. P.

2020

- **Sixty years of phototherapy for neonatal jaundice - from serendipitous observation to standardized treatment and rescue for millions.** *Journal of perinatology : official journal of the California Perinatal Association*  
Hansen, T. W., Maisels, M. J., Ebbesen, F., Vreman, H. J., Stevenson, D. K., Wong, R. J., Bhutani, V. K.  
2019
- **Frequency-following response among neonates with progressive moderate hyperbilirubinemia.** *Journal of perinatology : official journal of the California Perinatal Association*  
Musacchia, G., Hu, J., Bhutani, V. K., Wong, R. J., Tong, M., Han, S., Blevins, N. H., Fitzgerald, M. B.  
2019
- **A NOVEL POINT-OF-CARE DEVICE FOR MEASURING GLUCOSE-6-PHOSPHATE DEHYDROGENASE ENZYME DEFICIENCY**  
Montiel, C., Kunda, M., Stevenson, D. K., Wong, R. J., Bhutani, V. K.  
BMJ PUBLISHING GROUP.2019: 117
- **Identification of risk for neonatal haemolysis** *ACTA PAEDIATRICA*  
Bhutani, V. K., Maisels, M., Schutzman, D. L., Cuadrado, M., Aby, J. L., Bogen, D. L., Christensen, R. D., Watchko, J. F., Wong, R. J., Stevenson, D. K.  
2018; 107 (8): 1350–56
- **Identification of risk for neonatal haemolysis.** *Acta paediatrica (Oslo, Norway : 1992)*  
Bhutani, V. K., Maisels, M. J., Schutzman, D. L., Castillo Cuadrado, M. E., Aby, J. L., Bogen, D. L., Christensen, R. D., Watchko, J. F., Wong, R. J., Stevenson, D. K.  
2018
- **IDENTIFICATION OF RISK FOR NEONATAL HEMOLYSIS: A MULTI-CENTER STUDY**  
Bhutani, V. K., Cuadrado, C. M. E., Schutzman, D. L., Aby, J. L., Bogen, D. L., Christensen, R. D., Watchko, J. F., Maisels, M., Wong, R. J., Stevenson, D. K.  
BMJ PUBLISHING GROUP.2017: 123
- **Extreme hyperbilirubinemia and rescue exchange transfusion in California from 2007 to 2012.** *Journal of perinatology*  
Bhutani, V. K., Meng, N. F., Knauer, Y., Danielsen, B. H., Wong, R. J., Stevenson, D. K., Gould, J. B.  
2016; 36 (10): 853-857
- **Clinical trial of tin mesoporphyrin to prevent neonatal hyperbilirubinemia** *JOURNAL OF PERINATOLOGY*  
Bhutani, V. K., Poland, R., Meloy, L. D., Hegyi, T., Fanaroff, A. A., Maisels, M. J.  
2016; 36 (7): 533-539
- **Keeping babies warm: a non-inferiority trial of a conductive thermal mattress.** *Archives of disease in childhood. Fetal and neonatal edition*  
Bhat, S. R., Meng, N. F., Kumar, K., Nagesh, K. N., Kawale, A., Bhutani, V. K.  
2015; 100 (4): F309-12
- **Preventing visuocortical bilirubin induced neurological dysfunction**  
Good, W. V., Hou, C., Bhutani, V., Norcia, A., Wong, R., Lewis, K., Slagel, T.  
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2015
- **The clinical syndrome of bilirubin-induced neurologic dysfunction** *SEMINARS IN FETAL & NEONATAL MEDICINE*  
Bhutani, V. K., Johnson-Hammerman, L.  
2015; 20 (1): 6-13
- **Neonatal hyperbilirubinemia and Rhesus disease of the newborn: incidence and impairment estimates for 2010 at regional and global levels** *PEDIATRIC RESEARCH*  
Bhutani, V. K., Zipursky, A., Blencowe, H., Khanna, R., Sgro, M., Ebbesen, F., Bell, J., Mori, R., Slusher, T. M., Fahmy, N., Paul, V. K., Du, L., Okolo, et al  
2013; 74: 86-100
- **Should we screen newborns for glucose-6-phosphate dehydrogenase deficiency in the United States?** *JOURNAL OF PERINATOLOGY*  
Watchko, J. F., Kaplan, M., Stark, A. R., Stevenson, D. K., Bhutani, V. K.  
2013; 33 (7): 499-504

- **Predischarge screening for severe neonatal hyperbilirubinemia identifies infants who need phototherapy.** *Journal of pediatrics*  
Bhutani, V. K., Stark, A. R., Lazzeroni, L. C., Poland, R., Gourley, G. R., Kazmierczak, S., Meloy, L., Burgos, A. E., Hall, J. Y., Stevenson, D. K.  
2013; 162 (3): 477-482 e1
- **Predictive ability of a predischarge hour-specific serum bilirubin for subsequent significant hyperbilirubinemia in healthy term and near-term newborns** *PEDIATRICS*  
Bhutani, V. K., Johnson, L., Sivieri, E. M.  
1999; 103 (1): 6-14
- **Transcutaneous bilirubinometry for detecting jaundice in term or late preterm neonates.** *The Cochrane database of systematic reviews*  
Okwundu, C. I., Bhutani, V. K., Uthman, O. A., Smith, J., Olowoyeye, A., Fiander, M., Wiysonge, C. S.  
2024; 5: CD011060
- **Correction: Advances to diminish global newborn kernicterus mortality.** *Journal of perinatology : official journal of the California Perinatal Association*  
Bhutani, V. K., Vidavalur, R., Wong, R. J.  
2024
- **OPPORTUNITY TO PREVENT BILIRUBIN-INDUCED NEUROLOGICAL DYSFUNCTION BY IDENTIFYING FEMALE CARRIERS OF A G6PD CLASS 1 MUTATION**  
Bahr, T. M., Prince, W. L., Agarwal, A. M., Bhutani, V. K., Christensen, R. D.  
SAGE PUBLICATIONS LTD.2024: 254
- **Trends in infant mortality due to haemolytic disease and other perinatal jaundice in the USA, 1999-2020.** *Archives of disease in childhood. Fetal and neonatal edition*  
Vidavalur, R., Bhutani, V. K.  
2023
- **A "Gold Standard" Test for Diagnosing and Quantifying Hemolysis in Neonates and Infants.** *Journal of perinatology : official journal of the California Perinatal Association*  
Christensen, R. D., Bahr, T. M., Wong, R. J., Vreman, H. J., Bhutani, V. K., Stevenson, D. K.  
2023
- **Community health worker-led household screening and management of neonatal hyperbilirubinemia in rural Bangladesh: a cluster randomized control trial protocol.** *Gates open research*  
Foote, E. M., Jahan, F., Rahman, M., Parvez, S. M., Ahmed, T., Hasan, R., Yeasmin, F., Arifeen, S. E., Billah, S. M., Hoque, M. M., Shahidullah, M., Shariful Islam, M., Bhutani, et al  
2023; 7: 58
- **Transcutaneous bilirubinometry versus total serum bilirubin measurement for newborns.** *The Cochrane database of systematic reviews*  
Okwundu, C. I., Olowoyeye, A., Uthman, O. A., Smith, J., Wiysonge, C. S., Bhutani, V. K., Fiander, M., Gautham, K. S.  
2023; 5: CD012660
- **Alvin Zipursky (1930-2021): an unsurpassable mentor, counselor, and child health advocate.** *Pediatric research*  
Blanchette, V., Manley-Kucey, M., Zipursky, R., Odame, I., Bhutta, Z., Hitzler, J., Saigal, S., Bhutani, V. K., Coppes, M. J.  
2021
- **Reply.** *The Journal of pediatrics*  
Bahr, T. M., Henry, E., Christensen, R. D., Minton, S. D., Bhutani, V. K.  
2021
- **Infants affected by Rh sensitization: A 2-year Canadian National Surveillance Study.** *Paediatrics & child health*  
Baker, J. M., Campbell, D. M., Pavenski, K., Gnanalingam, A., Hollamby, K., Jegathesan, T., Zipursky, A., Bhutani, V., Sgro, M., NeoHBC, Allen, R., de Almeida, M. F., Antwi, J., et al  
2021; 26 (3): 159-65
- **A New Hour-Specific Serum Bilirubin Nomogram for Neonates ≥35 Weeks of Gestation.** *The Journal of pediatrics*  
Bahr, T. M., Henry, E., Christensen, R. D., Minton, S. D., Bhutani, V. K.  
2021
- **Hour-Specific Total Serum Bilirubin Percentiles for Infants Born at 29-35 Weeks' Gestation.** *Neonatology*

- Jegathesan, T., Ray, J. G., Bhutani, V. K., Keown-Stoneman, C. D., Campbell, D. M., Shah, V., Berger, H., Hayeems, R. Z., Sgro, M.  
2021: 1-10
- **Does provider access to technology improve health care? Evidence from a national distribution of phototherapy in Rwanda.** *Seminars in perinatology*  
Sheth, K., Tuyisenge, L., Bhutani, V. K.  
2020: 151359
  - **Estimated disease burden and lost economic productivity due to glucose-6-phosphate dehydrogenase deficiency in Nigerian newborns.** *Seminars in perinatology*  
Vidavalur, R., Ezeaka, V. C., Bhutani, V. K.  
2020: 151360
  - **A novel point-of-care device for measuring glucose-6-phosphate dehydrogenase enzyme deficiency.** *Seminars in perinatology*  
Wong, R. J., Montiel, C., Kunda, M., Stevenson, D. K., Bhutani, V. K.  
2020: 151356
  - **Neonatal hyperbilirubinemia management: Clinical assessment of bilirubin production.** *Seminars in perinatology*  
Du, L., Ma, X., Shen, X., Bao, Y., Chen, L., Bhutani, V. K.  
2020: 151351
  - **A global approach to prevent kernicterus: A dedication to Lois Johnson-Hamerman (Aug. 1, 1927 to Aug. 11, 2019).** *Seminars in perinatology*  
Bhutani, V. K., Wong, R. J.  
2020: 151350
  - **Bilirubin binding in jaundiced newborns: from bench to bedside?** *Pediatric research*  
Ahlfors, C. E., Bhutani, V. K., Wong, R. J., Stevenson, D. K.  
2018
  - **Rhesus disease: a global prevention strategy** *LANCET CHILD & ADOLESCENT HEALTH*  
Zipursky, A., Bhutani, V. K., Odame, I.  
2018; 2 (7): 536–42
  - **Rhesus disease: a global prevention strategy.** *The Lancet. Child & adolescent health*  
Zipursky, A., Bhutani, V. K., Odame, I.  
2018; 2 (7): 536-542
  - **Neurodevelopmental disorders in children aged 2-9 years: Population-based burden estimates across five regions in India** *PLOS MEDICINE*  
Arora, N. K., Nair, M. C., Gulati, S., Deshmukh, V., Mohapatra, A., Mishra, D., Patel, V., Pandey, R. M., Das, B. C., Divan, G., Murthy, G. S., Sharma, T. D., Sapra, et al  
2018; 15 (7): e1002615
  - **A PILOT PROSPECTIVE COHORT STUDY ON BILIRUBIN BINDING CAPACITY AND INTRALIPID INFUSION RATE**  
Pham, O., Chetta, K. E., Pedroza, C., Tyson, J., Lamola, A., Bhutani, V., Arnold, C.  
BMJ PUBLISHING GROUP.2018: 559
  - **MEASURING BILIRUBIN BINDING CAPACITY IN VERY LOW BIRTHWEIGHT NEWBORNS**  
Chetta, K. E., Pham, O., Pedroza, C., Tyson, J., Lamola, A., Bhutani, V., Arnold, C.  
BMJ PUBLISHING GROUP.2018: 627
  - **NEONATAL HYPERBILIRUBINEMIA AFTER MECHANICAL CIRCULATORY SUPPORT**  
Bhombal, S., Dasani, R., Davis, A., Axelrod, D. M., Wong, R. J., Bhutani, V. K.  
BMJ PUBLISHING GROUP.2018: 164–65
  - **Rh sensitization in Canada is not obsolete** *PAEDIATRICS & CHILD HEALTH*  
Baker, J. M., Campbell, D. M., Bhutani, V. K., Sgro, M.  
2017; 22 (4): 238–39
  - **Identification of neonatal haemolysis: an approach to pre-discharge management of neonatal hyperbilirubinemia.** *Acta paediatrica (Oslo, Norway : 1992)*

- Bhutani, V. K., Srinivas, S., Castillo Cuadrado, M. E., Aby, J. L., Wong, R. J., Stevenson, D. K.  
2016; 105 (5): e189-94
- **Filtered sunlight noninferior to conventional phototherapy** *JOURNAL OF PEDIATRICS*  
Bhutani, V. K.  
2016; 170: 341-42
  - **Point-of-Care Quantitative Measure of Glucose-6-Phosphate Dehydrogenase Enzyme Deficiency** *PEDIATRICS*  
Bhutani, V. K., Kaplan, M., Glader, B., Cotten, M., Kleinert, J., Pamula, V.  
2015; 136 (5): E1268-E1275
  - **Point-of-Care Quantitative Measure of Glucose-6-Phosphate Dehydrogenase Enzyme Deficiency.** *Pediatrics*  
Bhutani, V. K., Kaplan, M., Glader, B., Cotten, M., Kleinert, J., Pamula, V.  
2015; 136 (5): e1268-75
  - **Parental education and the WHO neonatal G-6-PD screening program: a quarter century later.** *Journal of perinatology*  
Kaplan, M., Hammerman, C., Bhutani, V. K.  
2015; 35 (10): 779-784
  - **Bilirubin production and hour-specific bilirubin levels** *JOURNAL OF PERINATOLOGY*  
Bhutani, V. K., Wong, R. J., Vreman, H. J., Stevenson, D. K.  
2015; 35 (9): 735-738
  - **Bilirubin production and hour-specific bilirubin levels.** *Journal of perinatology*  
Bhutani, V. K., Wong, R. J., Vreman, H. J., Stevenson, D. K.  
2015; 35 (9): 735-738
  - **Rhesus disease: a major public health problem** *LANCET*  
Zipursky, A., Bhutani, V. K.  
2015; 386 (9994): 651
  - **Keeping babies warm: a non-inferiority trial of a conductive thermal mattress.** *Archives of disease in childhood. Fetal and neonatal edition*  
Bhat, S. R., Meng, N. F., Kumar, K., Nagesh, K. N., Kawale, A., Bhutani, V. K.  
2015; 100 (4): F309-12
  - **Evaluation of a new end-tidal carbon monoxide monitor from the bench to the bedside** *ACTA PAEDIATRICA*  
Cuadrado, M. E., Bhutani, V. K., Aby, J. L., Vreman, H. J., Wong, R. J., Stevenson, D. K.  
2015; 104 (6): E279-E282
  - **Evaluation of a new end-tidal carbon monoxide monitor from the bench to the bedside.** *Acta paediatrica (Oslo, Norway : 1992)*  
Castillo Cuadrado, M. E., Bhutani, V. K., Aby, J. L., Vreman, H. J., Wong, R. J., Stevenson, D. K.  
2015; 104 (6): e279-82
  - **Neonatal bilirubin binding capacity discerns risk of neurological dysfunction.** *Pediatric research*  
Lamola, A. A., Bhutani, V. K., Du, L., Castillo Cuadrado, M., Chen, L., Shen, Z., Wong, R. J., Stevenson, D. K.  
2015; 77 (2): 334-339
  - **Bilirubin-induced neurologic dysfunction (BIND)** *SEMINARS IN FETAL & NEONATAL MEDICINE*  
Bhutani, V. K., Wong, R.  
2015; 20 (1): 1
  - **Neonatal bilirubin binding capacity discerns risk of neurological dysfunction.** *Pediatric research*  
Lamola, A. A., Bhutani, V. K., Du, L., Castillo Cuadrado, M., Chen, L., Shen, Z., Wong, R. J., Stevenson, D. K.  
2015; 77 (2): 334-339
  - **Impact of Rhesus disease on the global problem of bilirubin-induced neurologic dysfunction** *SEMINARS IN FETAL & NEONATAL MEDICINE*  
Zipursky, A., Bhutani, V. K.  
2015; 20 (1): 2-5
  - **Inpatient care of small and sick newborns: a multi-country analysis of health system bottlenecks and potential solutions.** *BMC pregnancy and childbirth*

- Moxon, S. G., Lawn, J. E., Dickson, K. E., Simen-Kapeu, A., Gupta, G., Deorari, A., Singhal, N., New, K., Kenner, C., Bhutani, V., Kumar, R., Molyneux, E., Blencowe, et al  
2015; 15: S7-?
- **Apnea in acute bilirubin encephalopathy** *SEMINARS IN PERINATOLOGY*  
Amin, S. B., Bhutani, V. K., Watchko, J. F.  
2014; 38 (7): 407-411
  - **INCLen Diagnostic Tool for Neuromotor Impairments (INDT-NMI) for primary care physician: Development and validation** *INDIAN PEDIATRICS*  
Gulati, S., Aneja, S., Juneja, M., Mukherjee, S., Deshmukh, V., Silberberg, D., Bhutani, V. K., Pinto, J. M., Durkin, M., Tudu, P., Pandey, R. M., Nair, M. K., Arora, et al  
2014; 51 (8): 613-619
  - **Prevention of Kernicterus in South Asia: Role of Neonatal G6PD Deficiency and its Identification** *INDIAN JOURNAL OF PEDIATRICS*  
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