



Vinod (Vinny) K. Bhutani

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

Pediatrics - Neonatal and Developmental Medicine

 NIH Biosketch available Online

Bio

BIO

Vinod K. Bhutani, M.D. FAAP a graduate from Armed Forces Medical College, India is currently the Professor of Pediatrics (Neonatology, Emeritus) at the Stanford University School of Medicine. He is a board-certified Neonatologist and formally trained as a pulmonary physiologist, transformational bilirubin biologist and pediatric health policy expert. His primary career aims encompass distinct investigative domains: i) clinical translation of basic science; (ii) elucidation of predictive biomarkers for maternal-child health; (iii) design of affordable, high quality practical biotechnologies; (iv) operationalize systems application through novel modes of healthcare access; and (v) prevention of newborn brain damage; specifically, of bilirubin-neurotoxicities and broncho-pulmonary dysplasia. In addition, he is an avid advocate for maternal, neonatal and child well-being. He is the Co-Founder and Executive Director for the Consortium for Universal Rhesus disease Elimination (CURhE), Co-Founder of NeoDesign (Neonatology), Chair of the Medical/Research Advisory Board of g6pd Deficiency Foundation, Co-Chair of the Audrey K. Brown Kernicterus Symposium at the Pediatric Academic Societies. His awards include the Fellow of the National Neonatology Forum of India and its Lifetime Achievement Award (2014), the Lifetime Achievement Award of Indian Academy of Pediatrics (Neonatology, 2019), the Neonatal Landmark Award by the American Academy of Pediatrics (Section on Neonatal-Perinatal Medicine, 2013) and the "Legend in Neonatology" by MidAtlantic Neonatology, NeoForum (2010). He has pioneered universal pre-discharge neonatal bilirubin screening, global maternal Rhesus blood type screening, point-of-care G6PD testing, neonatal hemolysis screening, assays for bilirubin binding and effective prescription of phototherapy. In addition, he has collaborated in the development novel neonatal thermal support (Embrace device), computerized neonatal function testing (pulmonary graphics) and adaptive oxygen delivery.

ACADEMIC APPOINTMENTS

- Emeritus Faculty - University Medical Line, Pediatrics - Neonatal and Developmental Medicine
- 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)
- Curran Lecture, University of South Florida (2011)
- Legend of Neonatology, NeoForum, USA (2016)
- Landmark Award, American Academy of Pediatrics (2014)
- Lifetime Achievement Award, National Neonatology Forum of India (2013)

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

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

- Transcutaneous Screening for Risk of Severe Hyperbilirubinemia in South African Newborns, Recruiting
- 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

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Neonatal-Perinatal Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **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. 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., Lazzaroni, 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 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-Hammerman (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*

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- 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 predischage 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*
Arain, Y. H., Bhutani, V. K.
2014; 81 (6): 599-607
- **INCLen Diagnostic Tool for Attention Deficit Hyperactivity Disorder (INDT-ADHD): Development and Validation** *INDIAN PEDIATRICS*
Mukherjee, S., Aneja, S., Russell, P. S., Gulati, S., Deshmukh, V., Sagar, R., Silberberg, D., Bhutani, V. K., Pinto, J. M., Durkin, M., Pandey, R. M., Nair, M. K., Arora, et al
2014; 51 (6): 457-462
- **INCLen diagnostic tool for autism spectrum disorder (INDT-ASD): Development and validation** *INDIAN PEDIATRICS*
Juneja, M., Mishra, D., Russell, P. S., Gulati, S., Deshmukh, V., Tudu, P., Sagar, R., Silberberg, D., Bhutani, V. K., Pinto, J. M., Durkin, M., Pandey, R. M., Nair, et al
2014; 51 (5): 359-365

- **Visual Acuity is Reduced at One Year in Infants with Neonatal Physiological Jaundice**
Good, W. V., Bhutani, V., Hou, C., Slagel, T., Wong, R., Lewis, K., Ahlfors, C., Norcia, A. M.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2014
- **Multidisciplinary guidelines for the care of late preterm infants** *JOURNAL OF PERINATOLOGY*
Bhutani, V. K.
2014; 34 (1): 81
- **Jaundice and Kernicterus in the Moderately Preterm Infant** *CLINICS IN PERINATOLOGY*
Wallenstein, M. B., Bhutani, V. K.
2013; 40 (4): 679-?
- **Jaundice and kernicterus in the moderately preterm infant.** *Clinics in perinatology*
Wallenstein, M. B., Bhutani, V. K.
2013; 40 (4): 679-688
- **Phototherapy Device Effectiveness in Nigeria: Irradiance Assessment and Potential for Improvement** *JOURNAL OF TROPICAL PEDIATRICS*
Cline, B. K., Vreman, H. J., Faber, K., Lou, H., Donaldson, K. M., Amuabunosi, E., Ofovwe, G., Bhutani, V. K., Olusanya, B. O., Slusher, T. M.
2013; 59 (4): 321-325
- **The effect of hematocrit on the efficacy of phototherapy for neonatal jaundice** *PEDIATRIC RESEARCH*
Lamola, A. A., Bhutani, V. K., Wong, R. J., Stevenson, D. K., McDonagh, A. F.
2013; 74 (1): 54-60
- **Bilirubin nomogram, a prediction tool or natural history profile?** *Indian pediatrics*
Bhutani, V. K.
2013; 50 (4): 365-366
- **Bilirubin neurotoxicity in preterm infants: risk and prevention.** *Journal of clinical neonatology*
Bhutani, V. K., Wong, R. J.
2013; 2 (2): 61-69
- **Neuro-Developmental Disorders in India - An INCLEN Study**
Silberberg, D., Arora, N., Bhutani, V., Durkin, M., Gulati, S.
LIPPINCOTT WILLIAMS & WILKINS.2013
- **Neuro-Developmental Disorders in India - An INCLEN Study**
Silberberg, D., Arora, N., Bhutani, V., Durkin, M., Gulati, S.
LIPPINCOTT WILLIAMS & WILKINS.2013
- **Need remains for evidence-based reassurance for absence of bilirubin neurotoxicity with severe hyperbilirubinaemia.** *Evidence-based medicine*
Bhutani, V. K.
2013
- **Late preterm births: Major cause of prematurity and adverse outcomes of neonatal hyperbilirubinemia** *INDIAN PEDIATRICS*
Bhutani, V. K.
2012; 49 (9): 704-705
- **Neonatal phototherapy: choice of device and outcome** *ACTA PAEDIATRICA*
Bhutani, V. K., Wong, R. J.
2012; 101 (5): 441-443
- **The Need to Implement Effective Phototherapy in Resource-Constrained Settings** *SEMINARS IN PERINATOLOGY*
Bhutani, V. K., Cline, B. K., Donaldson, K. M., Vreman, H. J.
2011; 35 (3): 192-197
- **A Global Need for Affordable Neonatal Jaundice Technologies** *SEMINARS IN PERINATOLOGY*
Slusher, T. M., Zipursky, A., Bhutani, V. K.
2011; 35 (3): 185-191

- **The Clinical Syndrome of Bilirubin-Induced Neurologic Dysfunction** *SEMINARS IN PERINATOLOGY*
Johnson, L., Bhutani, V. K.
2011; 35 (3): 101-113
- **Severe Neonatal Hyperbilirubinemia and Adverse Short-Term Consequences in Baghdad, Iraq** *NEONATOLOGY*
Hameed, N. N., Na' ma, A. M., Vilms, R., Bhutani, V. K.
2011; 100 (1): 57-63
- **Universal bilirubin screening for severe neonatal hyperbilirubinemia** *5th Annual Meeting on Evidence vs Experience in Neonatal Practices*
Bhutani, V. K., Vilms, R. J., Hamerman-Johnson, L.
NATURE PUBLISHING GROUP.2010: S6-S15
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