

## CURRICULUM VITAE ALBERTO BERARDI

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| <b>NAME:</b> Alberto Berardi<br>Date of birth 22/09/1956<br>Place of birth: Tivoli (Roma)<br>Fiscal Code: BRRLRT56P22L182M | <b>POSITION TITLE:</b> Associate Professor of Pediatrics, University of Modena and Reggio Emilia, Department SMECHIMAI<br>Director of the Neonatal Intensive Care Unit, Policlinico University Hospital, Modena, Italy |
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### Academic achievements

- 1987 Specialist in Pediatrics, University of Modena (Medicine and Surgery), Italy
- 1990 Specialist in Allergology and Clinical Immunology (Medicine and Surgery), University of Parma, Italy
- 1992 Specialist in Neonatology, University of Modena (Medicine and Surgery), Italy
- From November 2018 to date: Associate Professor of Pediatrics, University of Modena and Reggio Emilia

### Clinical experiences

- 1983-1987: Residency in the Division of Pediatrics of the University of Modena, Italy. Training in pediatric allergy
- 1995-1996: Advanced Course of Neonatal and Pediatric Ultrasound (S. Matteo Hospital, University of Pavia, Italy)
- 1998: Advanced Course at the Pediatric Centre for Hip Dislocation of the S. Anna Hospital, University of Ferrara, Italy
- 2001: Training at the Pediatric Intensive Care Department of the “Hospital de Necker”, Paris
- 2012: Advanced Course of Pediatric Intensive Care, Sassuolo, Italy

### Teachings

- 1991-1993; 1994-1996: Nurse School, University of Modena, Italy
- 1997-to date: Adjunct Professor at the Post-graduate Paediatric School, University of Modena, Italy
- 2000-2004: Teaching, post-graduate Paediatric Immunology School, University of Modena, Italy
- 2000-2004: Post-graduate Neuropsychiatry School, University of Modena, Italy
- 2003-2010: Advanced Course of Neonatology, University of Modena, Italy
- 2011: Advanced Course on Neonatal Infections, Rome, Italy
- 2014-to date: Graduate course in Midwifery. (University of Modena, Italy)
- 2015: Level II Master in Neonatal Neurology (University of Modena, Italy)
- 2018-to date: Medical degree program. (University of Modena, Italy)
- 2019-2025: Level II Master in Obstetrics (University of Modena, Italy)
- 2021 and 2024: Level II Master in Paediatric Infectious Diseases (SITIP, University of Florence, Italy)
- 2024: Level II Master in Child Rehabilitation Techniques (University of Modena, Italy)
- 2025: Level II Master in Neonatology (University of La Sapienza, Rome, Italy)

### Speaker and conference organizer:

- Speaker at many national and international congresses
- Organizer of national and international congresses and workshops, including:
  - DEVANI (Design of a vaccine to immunize infants against GBS infections through a durable maternal immune response), Modena 2011
  - IPOKRATES Clinical Seminar: Neonatal Bacterial Infections (Modena May 2019)
- Seminar series on presentation and discussion of clinical cases (in collaboration with the Neonatal Intensive Care Unit of Padua Hospital) (2021-2022)

- IPOKRaTES Clinical Seminar: Neonatal Hemodynamics (Modena, June 2022)
- Congress of the Italian Neonatology Society, Emilia-Romagna Section (Reggio Emilia, January 2023)
- Neonatal clinical cases (Bertinoro, May 2024 and 2025)
- Congress of the Italian Neonatology Society, Emilia-Romagna Section (Ferrara, November 2024)

### **Area of scientific interest**

Neonatology, Neonatal sepsis, Group B streptococcus, Viral infections, Neonatal neurology

### **Employment and research experience**

- Staff physician (from 1992 to 2012) at the Neonatal Intensive Care Unit
- Leader (from 2003 to today) of the GBS Prevention Working Group of Emilia-Romagna (Research Network for regional surveillance of neonatal invasive infections: group B Streptococcus and, more recently, E. coli infections)
- Coordinator of a national network (for clinical research purposes) on invasive diseases due to *group B streptococcus* in the first 90 days of life.
- Principal investigator (for Emilia-Romagna) of the AENEAS study, an international project (coordinated by Switzerland) on antibiotic exposure in early neonatal sepsis
- Responsible of the Neonatal Ultrasound Team of Azienda Ospedaliero-Universitaria Policlinico – Modena, Italy
- Deputy Director (from 2013 to October 31st 2018) at the Neonatal Intensive Care Unit (20 beds, of which 8 are intensive care), Azienda Ospedaliero-Universitaria Policlinico – Modena, Italy
- Current position: Head (from 1st November 2018) of the Neonatal Intensive Care Unit at Azienda Ospedaliero-Universitaria Policlinico – Modena, Italy

### **Honours**

- President of the Regional Section of the Italian Neonatology Society (from 2021 to 2024)

### **Invited speaker at International Conferences or Research Seminars**

- Current Insights into Group B Streptococcal Diseases, Golden Bay Beach Hotel, Larnaca, Cyprus, 2009 (invited lecture).
- An update on diagnosis, management and treatment of neonatal group B streptococcal infections” Rome – Italy, 2011 (invited lecture).
- European Consensus Conference on Intrapartum GBS screening and antibiotic prophylaxis, Florence, Italy, 2013 (invited lecture).
- European Advisory Board Meeting, Group B Streptococcus, Pfizer Vaccines Europe Office, Paris, October 28th 2015 (invited lecture).
- 8th International Conference on Neonatal Infections: updates and current opinions, Pavia, Italy, 2018 (invited lecture).
- Perinatal asphyxia and hypoxic ischemic encephalopathy: prevention, diagnosis, therapy and rehabilitation, Modena, Italy, 2019 (invited lecture).
- World Sepsis Day, Bologna, Italy, 2019 (invited lecture).
- PREPARE Meeting (Prevention of invasive Group B Streptococcus disease in young infants: a pathway for the evaluation & licensure of an investigational maternal GBS vaccine), London, UK, 2019 (invited lecture).
- XXVI Congresso Nazionale Società Italiana di Neonatologia 2020 (invited lecture).
- The International Conference on Group B Strep (ICGBS) July 2022 (invited lecture)
- Group B Strep in Pregnancy & Babies Conference: London, July 2022 (invited lecture).
- Group B Strep in Pregnancy & Babies Conference: London, May 2023 (invited lecture).
- European Society for Pediatric Infectious Diseases: Copenhagen, May 2024 (invited lecture).

### **Grants**

#### ***Multicentre clinical researches in Neonatology:***

- Clinical coordinator of the study “Valutazione delle infezioni neonatali precoci e tardive da streptococco di gruppo B (GBS) nel nostro paese e dei sierotipi circolanti causa di malattia) funded by the Italian Ministry of Health (amount financed € 40.000)

- Subcontractor (for Italy) of the European Community 7 Framework DEVANI (Development of a Vaccine against Neonatal Infection) (amount financed € 30.000)
- Coordinator of the Regional Surveillance Network of GBS and E. coli infections, project financed (amount 10.000 €/year, since 2017 to 20) by the Emilia-Romagna Regional Government
- Principal investigator (for Italy) of the EDCTP Project “Prevention of invasive Group B Streptococcus disease in young infants: a pathway for the evaluation & licensure of an investigational maternal GBS vaccine” (amount financed € 223.000)
- Principal investigator of the Modena University Research Fund: Validation of minimally invasive haemodynamic monitoring with Pressure Recording Analytical Method in critically ill newborns: prospective observational study comparing with echocardiography (€ 40,000)

## Research activities

The overall research topics of Professor Alberto Berardi concern the prevention and clinical aspects of neonatal viral and bacterial infectious diseases (namely those due to *group B streptococcus*); furthermore, its field of interest also concerns the control of antibiotic use in neonates. He promoted a new approach, particularly respectful of the infant mother dyad, for the management of full-term and late-preterm infants at risk of early-onset sepsis. This approach is mentioned in international guidelines on the prevention of early-onset sepsis, especially because it is associated with a significant reduction in the use of unnecessary antibiotics during the first days of life.

He has participated in various scientific conferences and held seminars in these fields. He has been involved in vaccine trials and international consensus conferences related to the prevention of neonatal infections.

He is promoting the creation of a national consensus document on early-onset neonatal sepsis.

He has served on International Commissions to evaluate research projects from European countries.

Furthermore, Professor Alberto Berardi collaborates with several journals and agencies to evaluate research projects, including:

- Board member (past or current) in national and international Journals (including World Journal of Clinical Pediatrics, World Journal of Clinical Cases, International Journal of Clinical & Medical Microbiology, Rivista di Infettivologia Neonatale, Rivista Italiana di Medicina Perinatale)
- Consultant Referee of 42 International journals (including The Lancet Infectious Diseases, The Lancet Regional Health, Pediatrics, Emerging Infectious Diseases, Journal of Infectious Diseases, Archives of Diseases in Childhood, The Journal of Pediatrics, Pediatric Research, The Pediatric Infectious Disease Journal, Scientific Reports, BMC Infectious Diseases, Journal of Clinical Virology, Expert Review Vaccines, American Journal of Perinatology, Journal of Perinatal Medicine, The Italian Journal of Pediatrics, The Journal of Maternal Fetal and Neonatal Medicine, Journal of Pediatric and Child Health) and one Journal in Italian (Medico e Bambino)
- Referee for International Agencies for funding, including National Children's Research Center (Ireland) and Laerdal Foundation (Norway), and The Netherlands Organisation for Scientific Research (NWO/ZonMw, The Netherlands)
- Evaluator of PhD Thesis (University of Bologna, Italy)
- Evaluator of PhD Thesis (University of Padua, Italy)

## Publications in peer reviewed scientific journals

During his career professor Berardi published 192 articles in peer reviewed journals (Pubmed source) and contributed to 5 book chapters. He collected a total of **4072 citations** with an **H-index of 34** (calculated by using Scopus on August 24, 2026).

## List of publications (PubMed results)

1. Cattani S, Venturelli C, **Berardi A**, et al. Sepsis da *Corynebacterium xerosis* in neonatologia: descrizione di un caso clinico [Sepsis caused by *Corynebacterium xerosis* in neonatology: report of a clinical case]. *Acta Biomed Ateneo Parmense*. 2000;71 Suppl 1:777-780.
2. Cavalleri F, **Berardi A**, Burlina AB, Ferrari F, Mavilla L. Diffusion-weighted MRI of maple syrup urine disease encephalopathy. *Neuroradiology*. 2002;44(6):499-502. doi:10.1007/s00234-002-0771-5
3. **Berardi A**, Lugli L, Rossi K, Tridapalli E, Facchinetti F; GBS and Prevention Working Group of Emilia-Romagna. Prevention of group B streptococcal infection in a North-Italian area. *Pediatr Infect Dis J*. 2004;23(7):691-692. doi:10.1097/00006454-200407000-00028
4. **Berardi A**, Rossi K, Lugli L, Tridapalli E, Ferrari F. La profilassi dell'infezione da streptococco di gruppo B nei punti nascita della regione Emilia Romagna [Prophylaxis of group B streptococcal infections in the birth centers of Emilia Romagna]. *Pediatr Med Chir*. 2004;26(4):228-232.
5. **Berardi A**, Rossi K, Cavalleri F, et al. Maternal anaphylaxis and fetal brain damage after intrapartum chemoprophylaxis. *J Perinat Med*. 2004;32(4):375-377. doi:10.1515/JPM.2004.070
6. **Berardi A**, Lugli L, Ferrari F, et al. Kernicterus associated with hereditary spherocytosis and UGT1A1 promoter polymorphism. *Biol Neonate*. 2006;90(4):243-246. doi:10.1159/000093668
7. **Berardi A**, Rossi K, Pizzi C, et al. Absence of neonatal streptococcal colonization after planned cesarean section. *Acta Obstet Gynecol Scand*. 2006;85(8):1012-1013. doi:10.1080/00016340500408424
8. **Berardi A**, Lugli L, Baronciani D, et al. Group B streptococcal infections in a northern region of Italy. *Pediatrics*. 2007;120(3):e487-e493. doi:10.1542/peds.2006-3246
9. **Berardi A**, Tzialla C, Riva M, Cerbo RM, Creti R. Group B streptococcus: early- and late-onset infections. *J Chemother*. 2007;19 Suppl 2:24-27. doi:10.1080/1120009x.2007.11782439
10. **Berardi A**, Lugli L, Rossi C, Morini MS, Vagnarelli F, Ferrari F. Group B streptococcus and preventive strategies in Europe. *Arch Dis Child Fetal Neonatal Ed*. 2008;93(3):F249. doi:10.1136/adc.2007.135392
11. Margarit I, Rinaudo CD, Galeotti CL, Maione D, Ghezzi C, Buttazzoni E, Rosini R, Runci Y, Mora M, Buccato S, Pagani M, Tresoldi E, **Berardi A**, Creti R, Baker CJ, Telford JL, Grandi G. Preventing bacterial infections with pilus-based vaccines: the group B streptococcus paradigm. *J Infect Dis*. 2009 Jan 1;199(1):108-115. doi: 10.1086/595564. PMID: 19086816
12. **Berardi A**, Lugli L, Baronciani D, et al. Group B Streptococcus early-onset disease in Emilia-romagna: review after introduction of a screening-based approach. *Pediatr Infect Dis J*. 2010;29(2):115-121. doi:10.1097/INF.0b013e3181b83cd9
13. **Berardi A**, Rossi C, Biasini A, et al. Efficacy of intrapartum chemoprophylaxis less than 4 hours duration. *J Matern Fetal Neonatal Med*. 2011;24(4):619-625. doi:10.3109/14767058.2010.511347
14. Neri I, Monari F, Sgarbi L, **Berardi A**, Masellis G, Facchinetti F. L-arginine supplementation in women with chronic hypertension: impact on blood pressure and maternal and neonatal complications. *J Matern Fetal Neonatal Med*. 2010;23(12):1456-1460. doi:10.3109/14767051003677962
15. **Berardi A**, Lugli L, Rossi C, et al. Neonatal bacterial meningitis. *Minerva Pediatr*. 2010;62(3 Suppl 1):51-54.
16. Ferrari F, Todeschini A, Guidotti I, Martinez-Biarge M, Roversi MF, **Berardi A**, Ranzi A, Cowan FM, Rutherford MA. General movements in full-term infants with perinatal asphyxia are related to Basal Ganglia and thalamic lesions. *J Pediatr*. 2011 Jun;158(6):904-11. doi: 10.1016/j.jpeds.2010.11.037. Epub 2011 Jan 13. PMID: 21232764.
17. **Berardi A**, Rossi C, Fiorini V, et al. Severe acquired cytomegalovirus infection in a full-term, formula-fed infant: case report. *BMC Pediatr*. 2011;11:52. Published 2011 Jun 6. doi:10.1186/1471-2431-11-52
18. **Berardi A**, Lugli L, Rossi C, et al. Intrapartum antibiotic prophylaxis failure and group-B streptococcus early-onset disease. *J Matern Fetal Neonatal Med*. 2011;24(10):1221-1224. doi:10.3109/14767058.2011.552652

19. **Berardi A**, Di Fazzio G, Gavioli S, et al. Universal antenatal screening for group B streptococcus in Emilia-Romagna. *J Med Screen*. 2011;18(2):60-64. doi:10.1258/jms.2011.011023
20. **Berardi A**, Lugli L, Rossi C, et al. Neonatal herpes simplex virus. *J Matern Fetal Neonatal Med*. 2011;24 Suppl 1:88-90. doi:10.3109/14767058.2011.607560
21. **Berardi A**, Rossi C, Guidotti I, Vagnarelli F, Ferrari F. Group B streptococcus late-onset disease and milk transmission. *Acta Paediatr*. 2013;102(3):e95. doi:10.1111/apa.12127
22. **Berardi A**, Rossi C, Lugli L, et al. Group B streptococcus late-onset disease: 2003-2010. *Pediatrics*. 2013;131(2):e361-e368. doi:10.1542/peds.2012-1231
23. Imperi M, Gherardi G, **Berardi A**, et al. Invasive neonatal GBS infections from an area-based surveillance study in Italy. *Clin Microbiol Infect*. 2011;17(12):1834-1839. doi:10.1111/j.1469-0691.2011.03479.x
24. **Berardi A**, Lugli L, Rossi C, et al. Impact of perinatal practices for early-onset group B Streptococcal disease prevention. *Pediatr Infect Dis J*. 2013;32(7):e265-e271. doi:10.1097/INF.0b013e31828b0884
25. Tridapalli E, Capretti MG, Reggiani ML, Stronati M, Faldella G; Italian Neonatal Task Force of Congenital Syphilis for The Italian Society of Neonatology – Collaborative Group. Congenital syphilis in Italy: a multicentre study. *Arch Dis Child Fetal Neonatal Ed*. 2012;97(3):F211-F213. doi:10.1136/adc.2010.183863
26. **Berardi A**, Rossi C, Creti R, et al. Group B streptococcal colonization in 160 mother-baby pairs: a prospective cohort study. *J Pediatr*. 2013;163(4):1099-104.e1. doi:10.1016/j.jpeds.2013.05.064
27. Creti R, **Berardi A**, Baldassarri L, et al. Characteristics of neonatal GBS disease during a multicentre study (2007-2010) and in the year 2012. *Ann Ist Super Sanita*. 2013;49(4):370-375. doi:10.4415/ANN\_13\_04\_09
28. Rodriguez-Granger J, Alvargonzalez JC, **Berardi A**, et al. Prevention of group B streptococcal neonatal disease revisited. The DEVANI European project. *Eur J Clin Microbiol Infect Dis*. 2012;31(9):2097-2104. doi:10.1007/s10096-012-1559-0
29. **Berardi A**, Rossi C, Guidotti I, et al. Group B streptococci in milk and neonatal colonisation. *Arch Dis Child*. 2014;99(4):395. doi:10.1136/archdischild-2013-305291
30. Corvaglia L, Fantini MP, Aceti A, et al. Predictors of full enteral feeding achievement in very low birth weight infants. *PLoS One*. 2014;9(3):e92235. Published 2014 Mar 19. doi:10.1371/journal.pone.0092235
31. **Berardi A**, Rossi C, Guidotti I, et al. Factors associated with intrapartum transmission of group B Streptococcus. *Pediatr Infect Dis J*. 2014;33(12):1211-1215. doi:10.1097/INF.0000000000000439
32. Da Cunha V, Davies MR, Douarre PE, Rosinski-Chupin I, Margarit I, Spinali S, Perkins T, Lechat P, Dmytruk N, Sauvage E, Ma L, Romi B, Tichit M, Lopez-Sanchez MJ, Descorps-Declere S, Souche E, Buchrieser C, Trieu-Cuot P, Moszer I, Clermont D, Maione D, Bouchier C, McMillan DJ, Parkhill J, Telford JL, Dougan G, Walker MJ; DEVANI Consortium, Holden MTG, Poyart C, Glaser P. Streptococcus agalactiae clones infecting humans were selected and fixed through the extensive use of tetracycline. *Nat Commun*. 2014 Aug 4;5:4544. doi: 10.1038/ncomms5544. Erratum in: *Nat Commun*. 2015;6:6108. PMID: 25088811; PMCID: PMC4538795.
33. D'Urzo N, Martinelli M, Pezzicoli A, De Cesare V, Pinto V, Margarit I, Telford JL, Maione D; Members of the DEVANI Study Group. Acidic pH strongly enhances in vitro biofilm formation by a subset of hypervirulent ST-17 Streptococcus agalactiae strains. *Appl Environ Microbiol*. 2014 Apr;80(7):2176-85. doi: 10.1128/AEM.03627-13. Epub 2014 Jan 31. PMID: 24487536; PMCID: PMC3993151.
34. **Berardi A**, Gallo C, Lugli L, et al. Fatal pneumonia following maternal HSV-1 viraemia in late pregnancy. *J Matern Fetal Neonatal Med*. 2015;28(14):1694-1696. doi:10.3109/14767058.2014.965139
35. **Berardi A**, Ferrari F, Facchinetti F. Intrapartum antibiotic prophylaxis for Group B Streptococcus and risks of unnecessary antibiotics. *Am J Obstet Gynecol*. 2015;212(3):408. doi:10.1016/j.ajog.2014.11.001

36. **Berardi A**, Fornaciari S, Rossi C, et al. Safety of physical examination alone for managing well-appearing neonates  $\geq 35$  weeks' gestation at risk for early-onset sepsis. *J Matern Fetal Neonatal Med.* 2015;28(10):1123-1127. doi:10.3109/14767058.2014.946499
37. **Berardi A**, Cattelani C, Creti R, et al. Group B streptococcal infections in the newborn infant and the potential value of maternal vaccination. *Expert Rev Anti Infect Ther.* 2015;13(11):1387-1399. doi:10.1586/14787210.2015.1079126
38. Di Renzo GC, Melin P, **Berardi A**, et al. Intrapartum GBS screening and antibiotic prophylaxis: a European consensus conference. *J Matern Fetal Neonatal Med.* 2015;28(7):766-782. doi:10.3109/14767058.2014.934804
39. Rosini R, Campisi E, De Chiara M, Tettelin H, Rinaudo D, Toniolo C, Metruccio M, Guidotti S, Sørensen UB, Kilian M; DEVANI Consortium, Ramirez M, Janulczyk R, Donati C, Grandi G, Margarit I. Genomic analysis reveals the molecular basis for capsule loss in the group B *Streptococcus* population. *PLoS One.* 2015 May 6;10(5):e0125985. doi: 10.1371/journal.pone.0125985. PMID: 25946017; PMCID: PMC4422693.
40. **Berardi A**, Baroni L, Bacchi Reggiani ML, et al. The burden of early-onset sepsis in Emilia-Romagna (Italy): a 4-year, population-based study. *J Matern Fetal Neonatal Med.* 2016;29(19):3126-3131. doi:10.3109/14767058.2015.1114093
41. **Berardi A**, Ferrari F. Group B streptococcal maternal vaccination, the goal is near. *Lancet Infect Dis.* 2016;16(8):871-872. doi:10.1016/S1473-3099(16)30048-2
42. Mandel VD, Persechino F, **Berardi A**, et al. Congenital Glioblastoma multiforme and eruptive disseminated Spitz nevi. *Ital J Pediatr.* 2016;42(1):47. Published 2016 May 14. doi:10.1186/s13052-016-0260-9
43. Guidotti I, Lugli L, Guerra MP, Ori L, Gallo C, Cavalleri F, Ranzi A, Frassoldati R, **Berardi A**, Ferrari F. Hypothermia reduces seizure burden and improves neurological outcome in severe hypoxic-ischemic encephalopathy: an observational study. *Dev Med Child Neurol.* 2016 Dec;58(12):1235-1241. doi: 10.1111/dmcn.13195. Epub 2016 Jul 22. PMID: 27444888.
44. Vento G, Pastorino R, Boni L, Cota F, Carnielli V, Cools F, Dani C, Mosca F, Pillow J, Polglase G, Tagliabue P, van Kaam AH, Ventura ML, Tana M, Tirone C, Aurilia C, Lio A, Ricci C, Gambacorta A, Consigli C, D'Onofrio D, Gizzi C, Massenzi L, Cardilli V, Casati A, Bottino R, Pontiggia F, Ciarmoli E, Martinelli S, Ilardi L, Colnaghi M, Matassa PG, Vendettuoli V, Villani P, Fusco F, Gazzolo D, Ricotti A, Ferrero F, Stasi I, Magaldi R, Maffei G, Presta G, Perniola R, Messina F, Montesano G, Poggi C, Giordano L, Roma E, Grassia C, Ausanio G, Sandri F, Mescoli G, Giura F, Garani G, Solinas A, Lucente M, Nigro G, Del Vecchio A, Petrillo F, Orfeo L, Grappone L, Quartulli L, Scorrano A, Messner H, Staffler A, Gargano G, Balestri E, Nobile S, Cacace C, Meli V, Dallaglio S, Pasqua B, Mattia L, Gitto E, Vitaliti M, Re MP, Vedovato S, Grison A, **Berardi A**, Torcetta F, Guidotti I, di Fabio S, Maranella E, Mondello I, Visentin S, Tormena F. Efficacy of a new technique - INTubate-RECrut-SURfactant-Extubate - "IN-REC-SUR-E" - in preterm neonates with respiratory distress syndrome: study protocol for a randomized controlled trial. *Trials.* 2016 Aug 18;17:414. doi: 10.1186/s13063-016-1498-7. PMID: 27538798; PMCID: PMC4991115.
45. Tricarico A, Bianco V, Di Biase AR, Iughetti L, Ferrari F, **Berardi A**. Lotus Birth Associated With Idiopathic Neonatal Hepatitis. *Pediatr Neonatol.* 2017;58(3):281-282. doi:10.1016/j.pedneo.2015.11.010
46. **Berardi A**, Rossi C, Bacchi Reggiani ML, et al. An area-based study on intrapartum antibiotic prophylaxis for preventing group B streptococcus early-onset disease: advances and limitations. *J Matern Fetal Neonatal Med.* 2017;30(14):1739-1744. doi:10.1080/14767058.2016.1224832
47. Ferrari F, Frassoldati R, **Berardi A**, et al. The ontogeny of fidgety movements from 4 to 20 weeks post-term age in healthy full-term infants. *Early Hum Dev.* 2016;103:219-224. doi:10.1016/j.earlhumdev.2016.10.004
48. Creti R, Imperi M, **Berardi A**, et al. Neonatal Group B Streptococcus Infections: Prevention Strategies, Clinical and Microbiologic Characteristics in 7 Years of Surveillance. *Pediatr Infect Dis J.* 2017;36(3):256-262. doi:10.1097/INF.0000000000001414
49. **Berardi A**, Buffagni AM, Rossi C, et al. Serial physical examinations, a simple and reliable tool for managing neonates at risk for early-onset sepsis. *World J Clin Pediatr.* 2016;5(4):358-364. Published 2016 Nov 8. doi:10.5409/wjcp.v5.i4.358

50. Le Doare K, O'Driscoll M, Turner K, et al. Intrapartum Antibiotic Chemoprophylaxis Policies for the Prevention of Group B Streptococcal Disease Worldwide: Systematic Review. *Clin Infect Dis*. 2017;65(suppl\_2):S143-S151. doi:10.1093/cid/cix654
51. **Berardi A**, Balestri E, Bonacorsi G, et al. Neonatal pyknocytosis in a preterm dizygotic twin. *World J Clin Pediatr*. 2017;6(4):176-179. Published 2017 Nov 8. doi:10.5409/wjcp.v6.i4.176
52. **Berardi A**, Spaggiari E, Cattelani C, et al. Persistent intestinal bleeding due to severe CMV-related thrombocytopenia in a preterm newborn. *J Matern Fetal Neonatal Med*. 2018;31(9):1246-1249. doi:10.1080/14767058.2017.1312331
53. Tzialla C, **Berardi A**, Farina C, et al. Strategies for preventing group B streptococcal infections in newborns: a nation-wide survey of Italian policies. *Ital J Pediatr*. 2017;43(1):98. Published 2017 Nov 2. doi:10.1186/s13052-017-0409-1
54. **Berardi A**, Pietrangioli Z, Bacchi Reggiani ML, et al. Are postnatal ampicillin levels actually related to the duration of intrapartum antibiotic prophylaxis prior to delivery? A pharmacokinetic study in 120 neonates. *Arch Dis Child Fetal Neonatal Ed*. 2018;103(2):F152-F156. doi:10.1136/archdischild-2016-312546
55. **Berardi A**, Guidotti I, Creti R, et al. Two Overlapping Clusters of Group B Streptococcus Late-onset Disease in a Neonatal Intensive Care Unit. *Pediatr Infect Dis J*. 2018;37(11):1160-1164. doi:10.1097/INF.0000000000001987
56. **Berardi A**, Spada C, Capretti MG, et al. Neonates at Risk of Early-Onset Sepsis: Which Is the Best Approach?. *Neonatology*. 2018;114(2):167-168. doi:10.1159/000489293
57. **Berardi A**, Tzialla C, Travan L, et al. Secondary prevention of early-onset sepsis: a less invasive Italian approach for managing neonates at risk. *Ital J Pediatr*. 2018;44(1):73. Published 2018 Jun 28. doi:10.1186/s13052-018-0515-8
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**Modena, August 24, 2026**

**Alberto Berardi**