



SIBEN[®]

Mejorando el cuidado neonatal

SIBEN IN FACTS

OUR IDENTITY

- **VISION:** to improve newborn care and thus offer an optimal quality of life in Ibero-American countries, particularly in more needed regions and hospitals
- **MISSION:** to educate without exclusion or elitism to promote transdisciplinary neonatal care centered on the newborn and his or her family
- **VALUES:** scientific thoroughness, health care equity, fairness, integrity, transparency, ethics, independence from commercial interests
- **PILLARS OF ACTION:** continuing education, assistance for research, support to families and donations of basic needs (i.e.: breast pumps, SpO2 monitors, catheters, blenders, and others)
- **1,500 MEMBERS** from 23 countries in Latin America, the Caribbean and Spain. Sixty % are MD's, 35% RN's and 5% from other disciplines of the neonatal health care team.

ACTIVE PARTICIPATING MEMBERS RECEIVE THE FOLLOWING FROM SIBEN:

- Discounts or full scholarships in courses and certified postgraduate courses
- Access to publications free of charge (Consensus, Neofarma, Clinical Guidelines and others)
- Scholarships at conferences and annual congress
- Be part of RED SIBEN (SIBEN'S NETWORK) free of charge
- Advice and consultation in their Units (CQI, research) free of charge
- Integrate into projects
- Conduct Neonatal Dialogues in their cities or units

OUR ACTIONS

A. EDUCATION

1. ANNUAL CONGRESSES for doctors and nurses in **15 different countries.**

23 In total so far

YEAR OF REALIZATION AND COUNTRIES.

2004 Galápagos, Ecuador
2005 Margarita Island, Venezuela
2006 Cancun, Mexico
2007 Granada, Spain
2008 Mar del Plata, Argentina
2009 Cuzco, Peru
2010 Havana, Cuba

2011 Santiago, Chile
2012 Belo Horizonte, Brazil
2013 Cartagena de Indias, Colombia
2014 Mexico City, Mexico
2015 San José, Costa Rica
2016 Asunción, Paraguay
2017 Santa Cruz de la Sierra, Bolivia
2018 San Pedro Sula, Honduras
2019 Quito, Ecuador
2020 Virtual congress
2022 Mérida, Mexico
2023 Mar del Plata, Argentina
2024 Santo Domingo, Dominican Republic
2025 Cali, Colombia
2026 Lima, Peru

- 21,500 attendees in total: 14,300 DOCTORS and 7,200 NURSES
- 23% of them were awarded scholarships with registrations and/or “travel bags” (funds to help cover the cost of tickets and accommodation)
- 109 guest lecturers from the USA, CANADA, EUROPE, AUSTRALIA AND LATIN AMERICA.
- 2,120 scientific papers presented in platform of poster sessions

2. NEONATAL DIALOGUES, 49 in total so far

Original, interactive and participatory educational modality for doctors and nurses in 18 countries in Latin America and the Caribbean for 2-3 days (8 teaching hours per day). They include newborn care in different NICUs in the area where the Dialogues take place.

3 . INTERNATIONAL NURSING SEMINARS, 3 in total so far

Cordoba, Argentina 2024; Lima, Peru 2025; Cordoba, Argentina, 2026

4. CERTIFIED POSTGRADUATED COURSES

Critical Care of Sick Newborns (2024)

Care of Newborns with Neurological Diseases (2025)

Nutrition and Hydro electrolyte Management of the newborn (2026)

5. VIRTUAL COURSES and VIDEOCONFERENCES through the EPASIBEN educational campus **(35 in total so far)**

6. STATEMENTS, DOCUMENTS, INFOGRAPHICS, PODCASTS and other resources for dissemination of knowledge and stimulation of critical thinking. Two examples are “SIBEN RECOMIENDA” for Neonatal Nursing (15) and “SIBEN ALERTA” for MD’S (7) and “FAMI-CAPSULES” for families and family centered care (9)

B. PUBLICATIONS:

CLINICAL CONSENSUSES (total of 17 so far)

2008 Diagnostic and therapeutic approach to the patent ductus arteriosus in premature infants

2009 Hemodynamic Management of the Newborn

2010 Nutrition of the sick newborn

2011 Neonatal Hematology

2012 Neonatal analgesia and sedation

2013 Persistent pulmonary hypertension of the newborn

2015 Hypoxic-ischemic encephalopathy

2016 Bronchopulmonary dysplasia

2016 Early detection of diseases that present with neonatal hypoxemia through the use of pulse oximetry

2018 Suspected neonatal sepsis

2020 Update on Patent ductus arteriosus in preterm newborns

2020 Nutrition Update for Healthy and Sick Newborns

2021 Individualized Protocol for Non-Nutritive Sucking Care and Pacifier Use in Newborns <34w

2023 Neonatal Transport

2024 Transdisciplinary and humanized care for newborns and their families

2025 Update in Neonatal Hematology

- 2026 First SIBEN Clinical Guidelines. (Surfactant, Caffeine and Less Invasive Ventilation)

22 BOOKS and MANUALS

1. SIBEN NEONATAL NURSING CLINICS - VOLUME 1 Respiratory Care (2015)
2. SIBEN NEONATAL NURSING CLINICS - VOLUME 2 Infectious Disease Care (2015)
3. FARMA SIBEN NURSING Vol. 1 Administration of enteral medications in newborns (2015)
4. RESOLVING DOUBTS ABOUT NEONATAL CARE IN LATIN AMERICA VOLUME I (2015)
5. NEONATAL AND PERINATAL INFECTOLOGY (2015)
6. WHAT DO FAMILIES OF SICK NEWBORNS TEACH US? (2016)
7. STATES OF WAKEFULNESS AND SLEEP IN NEWBORNS (2016)
8. SIBEN NEONATAL NURSE CLINICS - VOLUME 3 INTRAVENOUS MEDICATION ADMINISTRATION IN NEWBORNS (2017)
9. CARING FOR THE NEWBORN THE WAY OF SIBEN VOLUME I (2017)
10. VOLUME I: PREMATURE CHILDREN AND THEIR FIRST YEARS OF LIFE (2017)
11. VOLUME II: FOLLOW-UP OF THE HIGH-RISK NEWBORN WITH SPECIAL HEALTH CARE NEEDS (2017)
12. VOLUME III: FOLLOW-UP OF THE HIGH-RISK NEWBORN: CLINICAL CASES. CHALLENGES IN THE DAILY CONSULTATION (2018)
13. TECHNIQUES AND PROCEDURES IN NEONATOLOGY IN THE MANNER OF SIBEN (2019)
14. NEOFARMA II (2019)
15. RESOLVING DOUBTS ABOUT NEONATAL CARE IN LATIN AMERICA VOLUME II (2020)
16. CARING FOR THE NEWBORN THE WAY OF SIBEN VOLUME II (2020)
17. FALLACIES AND ERRORS IN THE MEDICAL LITERATURE. HOW TO READ CRITICALLY (WITHOUT "SWALLOWING TOADS") (2022)
18. NEONATAL MECHANICAL VENTILATION IN SIBEN'S WAY (2022)
19. SOLVING CLINICAL CASES IN THE NEONATOLOGY WARD IN SIBEN'S WAY (2024)
20. NURSING CLINICS COMPENDIUM (2024)
21. CARE OF THE EXTREMELY PRETERM NB: FROM BIRTH TO HOSPITAL DISCHARGE (2026)
22. CLINICAL DECISIONS IN NEONATOLOGY (2026)

SCIENTIFIC JOURNAL "NEONATAL HOMELAND", quarterly, free and open access

46 SCIENTIFIC ARTICLES PUBLISHED

A. "THE BEGINNINGS": 2004-2013 (n 13)

1. Sola A. Ibero-American Society of Neonatology. Collaborative group for the improvement of clinical practice and research in neonatology [Sociedad Iberoamericana de Neonatología (SIBEN). "Grupo de Colaboración Para Mejorar la Clínica y la Investigación Neonatal"]. *An Pediatr (Barc)*, 61(5):390-392, 2004.
2. Baquero H, Soliz A, Neira F, Venegas ME, Sola A: Oral Sildenafil in Infants With Persistent Pulmonary Hypertension of the Newborn: A Pilot Randomized Blinded Study. *Pediatrics* 2006;117:1077-1083
3. Sola A, Baquero H. Oral sildenafil in neonatal medicine: "tested in adults also used in neonates" *An Pediatr (Barc)*. 2007 Feb;66(2):167-76
4. Bouzas L, Bauer G, Novali L, Dilger A, Galina L, Falbo J, Díaz González L, Manzitti J, Sola A. Retinopathy of prematurity in the XXI century in a developing country: an emergency that should be resolved. *An Pediatr (Barc)*. 2007 Jun;66(6):551-8
5. Sola A, Dieppa FD, Rogido MR. An evident view of evidence-based practice in perinatal medicine: absence of evidence is not evidence of absence. *J Pediatr (Rio J)*. 2007 Sep-Oct;83(5):395-414
6. Castillo A, Sola A, Baquero H, Neira F, Alvis R, Deulofeut R, Critz A. Pulse oxygen saturation levels and arterial oxygen tension values in newborns receiving oxygen therapy in the neonatal intensive care unit: is 85% to 93% an acceptable range? *Pediatrics*. 2008 May;121(5):882-9
7. Sola A, Saldeño YP, Favareto V. Clinical practices in neonatal oxygenation: where have we failed? What can we do? *J Perinatol*. 2008 May;28 Suppl 1:S28-34.
8. Various and Sola A. ("Grupo de Trabajo Colaborativo Multicéntrico para la Prevención de la Ceguera en la Infancia por Retinopatía del Prematuro") Recommendations for Retinopathy of Prematurity screening in at-risk populations *Arch Argent Pediatr*. 2008 Feb;106(1):71-6
9. First SIBEN clinical consensus: diagnostic and therapeutic approach to patent ductus arteriosus in premature newborns. *An Pediatr (Barc)*. 2008 Nov;69(5):454-81
10. Baquero H, Alvis R, Castillo A, Neira F, Sola A. Avoiding hyperoxemia during neonatal resuscitation: time to response of different SpO₂ monitors. *Acta Paediatr*. 2011 Apr;100(4):515-8.
11. Second Clinical Consensus of the Ibero-American Society of Neonatology: hemodynamic management of newborns. *Rev Panam Salud Publica*. 2011 Apr;29(4):281-302
12. Fajardo C, Sola A and SIBEN. End-of-life, death and dying in neonatal intensive care units in Latin America, *Acta Paediatrica*. 2012;101(6):609-13
13. Lemus Varela L, Golombek S, Sola A y miembros del consenso de Siben. V Consenso Clínico de la Sociedad Iberoamericana de Neonatología. Sedación y analgesia en el recién nacido. EDISIBEN 2012.

B. 2014-2024 (n 33)

1. Lemus-Varela L, Sola A, et al. **Consensus on the diagnostic and therapeutic approach to pain and stress in the newborn**. *Rev Panam Salud Publica*. 2014; 36(5):348-54
2. Sola A, Golombek S, et al (SIBEN): Safe SpO₂ Targeting and Monitoring in Preterm Infants. How to avoid hypoxia and hyperoxia? *Acta Paediatr*, 2014; 103: 164-180
3. Montes Bueno MT, Herranz Rubia N, Reyes Acuña C, Sola A. **End-of-Life Care in Neonatology**. Colegio de Enfermes de Chile A.G., Santiago, Chile. May 2015
4. MT Montes Bueno, A Quiroga, S Rodríguez, A Sola. **Family access to Neonatal Intensive Care Units in Latin America: A reality to improve**. *An Pediatr (Barc)*. 2016 Aug; 85(2):95-101. doi: 10.1016/j.anpedi.2015.07.030.
5. Lemus Varela L, Sola A, Golombek S, García Alix A and col. of the VII Clinical Consensus of SIBEN. **Therapeutic recommendations of the VII SIBEN Clinical Consensus for neonatal hypoxic-ischemic encephalopathy**. *NEOREVIEWS* 2016, 17(9) e554-e567; DOI:10.1542/neo.17-9-e554
6. Golombek S, Sola A, Lemus L, et al. **Recommendations of the VI SIBEN Clinical Consensus for Persistent Pulmonary Hypertension of the Newborn**. *NEOREVIEWS* 2017; 18: E327-E344
7. Sola A, Golombek G: **Screening with Pulse Oximetry for Early Detection of Neonatal Hypoxemia**. *NEOREVIEWS* 2028, Vol. 19 No. 4 : e235
8. Sola A, Golombek G: **Early Detection with Pulse Oximetry of Hypoxemic Neonatal Conditions**. Development of the IX Clinical Consensus Statement of the Ibero-American Society of Neonatology (SIBEN). *Int. J. Neonatal Screen*. 2018, 4: 10; doi:10.3390/ijns4010010
9. Sola A, Fariña D, Mir R. **Recommendations of the X SIBEN Consensus for Bronchopulmonary Dysplasia**. *NEOREVIEWS* 2018; Vol. 19 No. 11: e713
10. Sola A, Mir R, Lemus L, Fariña D, Ortiz J, Golombek S; members of the 10th SIBEN Clinical Consensus. **Suspected Neonatal Sepsis: Tenth Clinical Consensus of the Ibero-American Society of Neonatology (SIBEN)**. *NEOREVIEWS*. 2020 Aug; 21(8): e505-e534. doi: 10.1542/neo.21-8-e505. PMID: 32737171.
11. Sola A, Cardetti M, Malena T, Montes Bueno MT, Rosa Chupany C, Rodríguez S. **Neonatal Survival Improvement in Dominican Republic through effective Collaboration of the Iberoamerican Society of Neonatology (SIBEN)**. *Glob J of Ped & Neonatol. Car*. 2020; 2(2): 1-7. DOI: 10.33552/GJPNC.2020.02.000535.
12. Sola A, Sola IP, Rodríguez SP, Golombek SG. **Reflections on How to Maintain and Improve Perinatal Care in the Midst of the COVID 19 Pandemic: Let's not Forget Mothers and Newborn Babies!** *Glob J of Ped & Neonatol Car*. 2(2): 2020. GJPNC.MS. ID.000534. DOI: 10.33552/ GJPNC.2020.02.000534
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19. Rodríguez S, Cardetti M Celiz M, Menzio M, Muñoz C, Arguello J, Arguello AC, Vives I, García Palacin C, Riveros O, Palma A and Sola A. **Regional Cerebral Oxygenation Variability Before, During and After Routine Clinical Practices in Preterm Newborns in Intensive Care**. EC Paediatrics 2021; 10 (12): 71-82.
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21. Sola A et al. **Neonatal Nutrition. Clinical Consensus of the Ibero-American Society of Neonatology (SIBEN)**. NEOREVIEWS. 2022 ; 23(11):716-737. doi: 10.1542/neo.23-10-e716. PMID: 36316252
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23. Luis A Lovera Montilla, Susana Rodríguez, Augusto Sola. **Interdisciplinary in Neonatal Care in Latin America: Experience of a Scientific Society**. Revista Cubana de Pediatría. 2021; 93(4): e1559
24. Golombek SG, Rodríguez S, Montes Bueno MT, Lemus Varela ML, Cardetti M, Maksimovic L, Sola A. **Contributions to neonatal care of the Ibero-American Society of Neonatology**. Alerta 2023; 6(1):86-87. DOI: 10.5377/alerta.v6i1.15447
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28. María Teresa Montes Bueno, Cristian Muñoz, Susana Rodríguez and Augusto Sola. **End-of-life care in neonatal intensive care units in Ibero-America: a view from the nursing perspective** Annals of Pediatrics 2024; 100: 97-103
29. Pleitez J, Dávila C, Lemus L, Montes Bueno MT, Muñoz C, Sola A **XIII Clinical Consensus on Neonatal Transfer of the Ibero-American Society of Neonatology (SIBEN)**. XIII SIBEN Consensus. NEOREVIEWS. 2024; 25(11):e677-e693. DOI: 10.1542/neo.25-11-e677. PMID: 39482240.
30. Pleitez J, Dávila C, Lemus L, Montes Bueno MT, Muñoz C, Sola A. **Recommendations of the Iberoamerican Society of Neonatology (SIBEN®) for “Transdisciplinary and Humanized care for the Newborn and the Family”**: XIV SIBEN Clinical Consensus. Neonatology Today. Vol 20:4; 2025
31. Chimea B, Sola A. **“Midline” and “peripheral line”: clinical misunderstanding that can put the patient at risk**. Neonatology Today Vol p 274-278. 2025
32. Augusto Sola, MD, Mitchell Goldstein, MD, MBA, CML, **Liquid Consciousnesses Solid Gods. Pros and cons of AI**. Neonatology Today, April 2026:31-41
33. Susana Rodríguez; María Verónica Favareto; Ignacio Sosa-Boye; Marcelo Cardetti; Augusto Sola; Satyan Lakshminrusimha; **SMARTO₂ Study Group. Oxygen Saturation Target Achievement in Preterm Infants < 32 Weeks’ Gestation with 9th Edition NRP Guidelines: A Multicenter Observational Study in Latin America** | Journal of Perinatology 2026-05-21 Preprint DOI: 10.21203/rs.3.rs-9487761/v1

C. FORMAL AGREEMENTS OF SIBEN. (30 so far)

With ministries of health in different countries, educational institutions, non-governmental organizations and research centers. **High-impact examples:** 1.-National Health System of the Dominican Republic (SNS) to reduce neonatal mortality; 2.- Ministry of Health of Paraguay for root cause analysis of neonatal mortality; World Pediatric Project to support neonatal nursing training and education in Latin America; other.

D. RED SIBEN (SIBEN’S NETWORK)

43 NEONATAL UNITS from 10 countries (Argentina, Bolivia, Brazil, Colombia, Ecuador, Mexico, Paraguay, Peru, Dominican Republic and Uruguay), offered free of charge to NICU’s.

39,805 newborns’ data have been reported to the database.

YEAR	RN reported	Living RN ´s	Overall survival (%)
2018	1340	1024	76,42
2019	7111	5726	80,52
2020	5990	4906	81,90
2021	5007	4298	85,84
2022	5066	4288	84,64
2023	3888	3430	88,22
2024	6066	5468	90,14
2025	5337	4862	91,10

THE IMPACT

- More than 100,000 neonatal health care professionals are achieved by quality education
- More than 40 neonatal units that improved neonatal health care outcomes (morbidity and mortality) – available in data base from the Neonatal Network.

GLOBAL COMPARATIVE DATA for newborns < 1,500 grams. (MOST RECENT)

Period 1: 2020 + 2021 + 2022: 1,933 newborns.

Period 2: 2023 + 2024 + 2025: 1,822 newborns.

Period 1: overall survival 45.7%

Period 2: overall survival 60.3%

- Improving neonatal survival in neonatal units and countries.

**One newborn at a time,
many newborns and families received better,
higher-quality care.**

