

Appendix Coinvestigators

Name	Location	Role	Contribution
Sergio Aguilera-Albesa	Complejo Hospitalario de Navarra, Pamplona, Spain	Site investigator	Data collection
Mireia Álvarez Molinero	Hospital Joan XXIII Tarragona, Spain	Site investigator	Data collection
Angélica Andres-Bartolomé	Hospital Universitario de Guadalajara	Site investigator	Data collection
Thaís Armangué	Hospital Sant Joan de Déu, Esplugues Llobregat, Barcelona, Spain; and IDIBAPS	Principal investigator	Coordination and Study design, data collection, statistical analysis, draft and revision the manuscript
Marina Ascunce-Abad	Hospital Universitario La Paz, Madrid, Spain	Site investigator	Data collection
Gemma Aznar-Laín	Hospital del Mar, Barcelona, Spain	Site investigator	Data collection
Anna Baró	Hospital General de Granollers, Spain	Site investigator	Data collection
Cristina Barcia-Aguilar	Hospital Universitario La Paz, Madrid, Spain	Site investigator	Data collection
Estíbaliz Barredo-Valderrama	Hospital Universitario de Cruces, Bilbao, Spain	Site investigator	Data collection
Teresa Bermejo	IHP Pediatría, Sevilla, Spain	Site investigator	Data collection
Raquel Blanco-Lago	Hospital Universitario Central de Asturias, Spain	Site investigator	Data collection
Andrea Campo-Balasoain	Hospital Virgen de la Macarena, Sevilla, Spain	Site investigator	Data collection
Marina Caner-Faig	Hospital Universitari de Girona Doctor Josep Trueta, Spain	Site investigator	Data collection
Verónica Cantarín-Extremera	Hospital Niño Jesús, Madrid, Spain	Site investigator	Data collection
Ana Camacho-Salas	Hospital Universitario 12 de Octubre, Madrid, Spain	Site investigator	Data collection

Miguel Carmona-Belda	Hospital Universitari Son Espases, Mallorca, Spain	Site investigator	Data collection
Margarita Castro-Rey	Hospital Clínico Universitario de Valladolid, Valladolid, Spain	Site investigator	Data collection
Almudena Chacón	Hospital Universitario Gregorio Marañón, Madrid, Spain	Site investigator	Data collection
Verónica Delgadillo-Chilavert	Hospital Sant Joan de Déu de Barcelona, Spain	Site investigator	Data collection
Marta Del Pino-Garcia	Hospital Universitario de Canarias	Site investigator	Data collection
Ainhoa Diez-Pérez	Hospital Universitario de Vitoria, Spain	Site investigator	Data collection
Amagoia Elozegui-Castellano	Hospital Universitario Cruces, Barakaldo, Bizkaia, Spain.	Site investigator	Data collection
Violeta Fariña	Hospital Universitari Parc Taulí, Sabadell, Barcelona, Spain	Site investigator	Data collection
Ana Felipe	Hospital Universitario Vall d'Hebron, Barcelona, Spain.	Site investigator	Data collection
Elianet Fonseca	Hospital Sant Joan de Déu, Esplugues Llobregat, Barcelona, Spain; and IDIBAPS	Investigator	Data collection, statistical analysis, draft and revision the manuscript
Verónica García-Navas-Núñez	Hospital San Pedro de Alcántara, Cáceres, Spain	Site investigator	Data collection
Joaquín Fernández-Ramos	Hospital Universitario Reina Sofía, Córdoba, Spain	Site investigator	Data collection
Montserrat Garcia-Puig	Hospital Universitari Parc Taulí, Sabadell, Spain	Site investigator	Data collection
Ainhoa García-Ribes	Hospital Universitario de Cruces, Barakaldo, Bizkaia, Spain	Site investigator	Data collection
Jesús García-Tena	Hospital Comarcal de Vinaròs, Spain	Site investigator	Data collection
Hilario Gómez-Martín	Hospital Universitario de Salamanca, Spain	Site investigator	Data collection

Veronica González-Álvarez	Hospital Sant Joan de Déu de Barcelona, Barcelona, Spain	Site investigator	Data collection
Nerea Gorria-Redondo	Complejo Hospitalario de Navarra, Pamplona, Spain	Site investigator	Data collection
Maria Gual	Hospital Universitari Parc Taulí, Sabadell, Barcelona, Spain	Site investigator	Data collection, accepting content of the manuscript
Antonio Hedrera-Fernández	Hospital Universitario Central de Asturias, Oviedo, Spain	Site investigator	Data collection
Gema Iglesias-Escalera	Hospital Universitario Puerta del Hierro, Majadahonda, Spain	Site investigator	Data collection
Sara Jimena-Garcia	Hospital General de Catalunya, Sant Cugat, Spain	Site investigator	Data collection
Vanesa Laveglia	Hospital Qurión Salud, Barcelona, Spain	Site investigator	Data collection
Eduardo López-Laso	Hospital Universitario Reina Sofía, Córdoba, Spain	Site investigator	Data collection
Ana M López-Vázquez	Hospital Universitario de Santiago de Compostela, Spain	Site investigator	Data collection
María Lorenzo-Ruiz	Hospital Universitario Puerta del Hierro, Majadahonda, Spain	Site investigator	Data collection
Marcos Madruga	Centro médico Neurolinkia, Sevilla, Spain	Site investigator	Data collection
Ignacio Málaga	Hospital Universitario Central de Asturias, Oviedo, Spain	Site investigator	Data collection
Itxaso Martí-Carrera	Hospital Universitario Donostia, San Sebastián, Spain	Site investigator	Data collection
Marta Martínez-González	Hospital Universitario de Albacete, Spain	Site investigator	Data collection
Maria J Martínez-González	Hospital Universitario de Cruces, Barakaldo, Bizkaia, Spain	Site investigator	Data collection
Alejandra Melero-González	Hospital Clínico Universitario de Valladolid, Spain	Site investigator	Data collection
María C Miranda-Herrero	Hospital Universitario Gregorio Marañon, Madrid, Spain.	Site investigator	Data collection

Laura Monlleó-Neila	Hospital Germans Trias i Pujol, Badalona, Spain	Site investigator	Data collection
Lorena Monge-Galindo	Hospital Universitario Miguel Servet, Zaragoza, Spain	Site investigator	Data collection
Beatriz Muñoz-Cabello	Hospital Universitario Virgen del Rocío, Sevilla, Spain	Site investigator	Data collection
Juan Navarro-Moron	Hospital Universitari Germans Trias i Pujol, Badalona, Barcelona, Spain	Site investigator	Data collection
Noemí Nuñez-Enamorado	Hospital Universitario 12 de Octubre, Madrid, Spain	Site investigator	Data collection
Tania Nunes-Cabrera	Hospital General de Vic, Vic, Barcelona, Spain	Site investigator	Data collection
Gemma Olivé-Cirera	IDIBAPS and Hospital de Sant Pau i santa Creu, Barcelona, Spain	Investigator	Data collection, statistical analysis, figure development, draft and revision the manuscript
Zuriñe Ortiz-De Zarate	Hospital Universitario de Cruces, Barakaldo, Bizkaia, Spain	Site investigator	Data collection
Fernando Paredes	Hospital Arnau de Vilanova, Lleida, Spain	Site investigator	Data collection
Laura Pérez-Gay	Hospital Universitario Lucus Augusti, Coruña, Spain	Site investigator	Data collection
Maria Pérez-Poyato	Hospital Universitario Marqués de Valdecilla, Santander	Site investigator	Data collection
Ana Roche	Hospital Universitari Parc Taulí, Sabadell, Spain	Site investigator	Data collection
César Ruiz-García	Hospital Regional Universitario de Málaga, Spain	Site investigator	Data collection
Maria Salvador Cañibano	Complejo Hospitalario de Canarias, Tenerife, Spain	Site investigator	Data collection
Andrea Sariego-Jamardo	Hospital Universitario Marqués de Valdecilla, Santander, Spain	Site investigator	Data collection

Laura Toledo Bravo de Laguna	Hospital Universitario de Gran Canaria, Las Palmas, Spain	Site investigator	Data collection
Eulàlia Turon- Viñas	Hospital Universitari Sant Pau i Santa Creu, Barcelona, Spain	Site investigator	Data collection
Esther Vázquez- López	Hospital Universitario Lucus Augusti, Coruña, Spain	Site investigator	Data collection
María Vázquez- López	Hospital Universitario Gregorio Marañon, Madrid, Spain	Site investigator	Data collection
Selma Vázquez- Martín	Hospital Clínico Universitario de Valladolid, Valladolid, Spain	Site investigator	Data collection