Jornal de Pediatria



SBP - Sociedade Brasileira de Pediatria

Rua Santa Clara, 292

22041-012 Rio de Janeiro, RJ - Brazil

Phone: +55 21 2548 1999 Fax: +55 21 2547 3567 Site: www.sbp.com.br

JPED

Editor-in-Chief: Renato Soibelmann Procianoy

Av. Carlos Gomes, 328 - conj. 305 90480-000 Porto Alegre, RS - Brazil

Phone: +55 51 3328 9520 E-mail: jped@jped.com.br Site: www.jped.com.br

Instructions to authors can be found at the following site: http://www.elsevier.es/ficheros/NormOrga/360normas.pdf

Publication fee: Authors of articles submitted as of **September 1, 2018**, which are accepted for publication in the Jornal de Pediatria, will be required to pay a publication fee to the SBP in order to share the publication costs. By submitting the manuscript to this journal, the authors agree to these terms.

Processing fees

- If the corresponding author is Brazilian and a member of the SBP: R\$ 1.500,00 per accepted manuscript
- If the corresponding author is Brazilian but not a member of the SBP: R\$ 2.200,00 per accepted manuscript
- If the corresponding author is not Brazilian: USD 1.000,00 per accepted manuscript

Once the manuscript has been approved, the corresponding author will receive the instructions for the payment of the publication fee. For more information, please contact assessoria@jped.com.br.

Jornal de Pediatria is a bimonthly official publication of the Brazilian Society of Pediatrics (Sociedade Brasileira de Pediatria, SBP) in partnership with Elsevier Editora Ltda. and is dedicated to the medical community.

Jornal de Pediatria reserves all the legal rights, including translation rights in countries signing the Pan American Copyright Convention and the Universal Copyright Convention. Published articles may be translated and published by the official publications of pediatrics societies from Uruguay, Argentina, Paraguay, Chile and Bolivia.

The views expressed are the sole responsibility of the authors and do not necessarily reflect the opinions or policies of *Jornal de Pediatria*.

Jornal de Pediatria does not endorse any company, product, service or message appearing in its advertising.

Advertising and paid content are separate from scientific content.

Jornal de Pediatria is listed in Science Citation Index Expanded, Journal Citation Reports / Science Edition, Index Medicus/MEDLINE, SciELO, EMBASE / Excerpta Medica / Electronic Publishing Division / Medical Research Index University Microfilms International, LILACS – Literatura Latino-Americana e do Caribe em Ciências da Saúde, and Sociedad Iberoamericana de Información Científica (SIIC) Data Bases.

 $\ \, \odot$ 2020 Sociedade Brasileira de Pediatria. Published by Elsevier Editora Ltda. All rights reserved.



RJ: Phone: +55-21-39709300 SP: Phone: +55-11-51058555 Site: www.elsevier.com

All rights reserved and protected by law 9.610 - 19/02/98. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or any information storage and retrieval system, without permission in writing from JPED and the Publisher.

No responsibility is assumed by Elsevier for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions, or ideas contained in the material herein. Because of rapid advances in the medical sciences, in particular, independent verification of diagnoses and drug dosages should be made. Although all advertising material is expected to conform to ethical (medical) standards, inclusion in this publication does not constitute a guarantee or endorsement of the quality.





Ministério da Ciência, Tecnologia e Inovação





• Editor-in-Chief

Renato Soibelmann Procianoy - Full Professor, Department of Pediatrics and Child Care, Universidade Federal do Rio Grande do Sul School of Medicine, Porto Alegre, Brazil

• Associate Editors

João Guilherme Bezerra Alves - Full Professor, Department of Pediatrics, Instituto de Medicina Integral Prof. Fernando Figueira (IMIP), Recife, Brazil

Crésio de Aragão Dantas Alves - Associate Professor, Department of Pediatrics, Faculty of Medicine, Universidade Federal da Bahia, Salvador, Brazil

Paulo Augusto Moreira Camargos – Full Professor, Department of Pediatrics, Faculty of Medicine, Universidade Federal de Minas Gerais, Belo Horizonte. Brazil

Antonio José Ledo da Cunha - Full Professor, Department of Pediatrics, Faculty of Medicine, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil

Magda Lahorgue Nunes - Associate Professor, Department of Pediatrics and Internal Medicine/Neurology, Pontifícia Universidade Católica do Rio Grande do Sul School of Medicine, Porto Alegre, Brazil

Marco Aurélio Palazzi Sáfadi - Associate Professor, Department of Pediatrics, Faculdade de Ciências Médicas da Santa Casa de São Paulo, São Paulo, Brazil

Gisélia Alves Pontes da Silva - Full Professor, Pediatric Gastroenterology, Universidade Federal de Pernambuco, Recife, Brazil

Dirceu Solé - Full Professor, Department of Pediatrics, Escola Paulista de Medicina, Universidade Federal de São Paulo, São Paulo, Brazil

Editorial Board

Eduardo Bancalari - Miami, USA

Marco A. Barbieri - Ribeirão Preto, Brazil

Fernando C. Barros - Montevideo, Uruguay

Andrea Biondi - Monza, Italy

Andrew Bush - London, UK

Jaderson C. da Costa - Porto Alegre, Brazil

Richard N. Fine - New York, USA

Ruth Guinsburg - São Paulo, Brazil

Alan H. Jobe - Cincinnati, USA

Jacques Lacroix - Montreal, Canada

Francisco E. Martinez - Ribeirão Preto, Brazil

Jean-Christophe Mercier - Paris, France

Marisa M. Mussi-Pinhata - Ribeirão Preto, Brazil

Francisco J. Penna - Belo Horizonte, Brazil

Richard A. Polin - New York, USA

Nelson A. Rosário - Curitiba, Brazil

Adrian Sandler - Asheville, USA

Clemax C. Sant'Anna - Rio de Janeiro, Brazil

Shlomo Shinnar - New York, USA

Themis R. da Silveira - Porto Alegre, Brazil

Augusto Sola - Morristown, USA

Robert C. Tasker - Cambridge, UK

Ann E. Thompson - Pittsburgh, USA

T. Michael O'Shea - Winston-Salem, USA

Luiz G. Tone - Ribeirão Preto, Brazil

Yvan Vandenplas – Brussels, Belgium

John O. Warner - London, UK

Editorial Assistance

Maria de Fátima Azambuja Machado Cristine Henderson Severo