IAP - IJPP CME 2023

ROLE OF INDIAN ACADEMY OF PEDIATRICS - ADVANCED LIFE SUPPORT CONCEPTS IN IDENTIFYING SICK CHILDREN IN A BUSY CLINIC

*Nikhil Jha **Bala Ramachandran

Abstract: A child who requires an urgent medical intervention to prevent further decompensation is commonly referred to as a 'sick child". In a busy clinic, physicians often face the challenge of identifying a sick child amongst a multitude of patients seeking care. The Advance Life Support concepts play a vital role in providing them with the necessary clinical acumen and triaging skills to identify and manage a sick child effectively. This article reviews existing literature on managing office emergencies and describes how Indian Academy of Pediatrics-Advance Life Support principles can be useful to quickly identify outpatient clinic/office emergencies.

Keywords: Indian Academy of Pediatrics - Advanced Life support, Outpatient department, Office emergencies, Emergency medical services.

- * Fellow in Pediatric Critical Care email: menikhiljha@gmail.com
- ** Head of the Department of Intensive Care and Emergency Medicine, Kanchi Kamakoti CHILDS Trust Hospital, Chennai.

Points to Remember

- Conduct a self-assessment of your office preparedness.
- Develop a comprehensive office emergency plan that includes a protocol for recognizing emergencies, effective staff communication, clearly defined roles and responsibilities during emergencies, and guidelines for calling for external assistance if needed.
- Regularly maintain and update the recommended emergency equipment and medications in your office.
- Implement a plan for ongoing education and training of staff in IAP-BLS protocol.
- Practise mock codes and skill drills regularly; establish partnership with the nearest hospital or facility.

References

- 1. Mansfield CJ, Price J, Frush KS, Dallara J. Pediatric emergencies in the office: are family physicians as prepared as pediatricians? J Fam Pract. 2001; 50(9): 757-61.
- Fuchs S. Pediatric office emergencies. Pediatr Clin North Am. 2013; 60(5):1153-61. doi: 10.1016/j.pcl.2013. 06.008.
- 3. Toback SL. Medical emergency preparedness in office practice. Am Fam Physician. 2007 1; 75(11):1679-84.
- 4. American Academy of Pediatrics Committee on Pediatric Emergency Medicine; Frush K. Preparation for emergencies in the offices of pediatricians and pediatric primary care providers. Pediatrics. 2007;120(1):200-12. doi: 10.1542/peds.2007-1109.
- Mehra B, Gupta S. Common Pediatric Medical Emergencies in Office Practice. Indian J Pediatr. 2018; 85(1):35-43.
- 6. Ortiz-Alvarez O, Mikrogianakis A; Canadian Paediatric Society, Acute Care Committee. Managing the paediatric patient with an acute asthma exacerbation. Paediatr Child Health. 2012; 17(5):251-62.

Cite as: Nikhil Jha, Bala Ramachandran. Role of Indian Academy of Pediatrics - Advanced Life Support concepts in identifying sick children in a busy clinic. Indian J Pract Pediatr. 2024; 26(1):27-34.

- Kalidindi S, Lacy TA. Primary Care Office Preparedness for Pediatric Emergencies. Pediatr Ann. 2018 1; 47(3):e93-e96.
- 8. Wheeler DS, Kiefer ML, Poss WB. Pediatric emergency preparedness in the office. Am Fam Physician. 2000 1; 61(11):3333-42.
- 9. Flores G. The Preparedness of Pediatricians for Emergencies in the Office: What Is Broken, Should We Care, and How Can We Fix It? Arch Pediatr Adolesc Med. 1996 1; 150(3):249.
- 10. Jayashree M, Kulgod V, Sharma AK. IAP ALS Handbook, 1st. IAP National Publication House New Delhi: Indian Academy of Pediatrics; 2018.
- 11. Barbara Aehlert. Pediatric Advanced Life Support Study Guide. Fourth Edi.2018.
- 12. Shann, Frank. Drug Doses 17th ed. Parkville, Victoria. Collective Pty. Ltd. 2017.
- Jalali MS, Kaiser JP. Cybersecurity in Hospitals: A Systematic, Organizational Perspective. J Med Internet Res. 2018 28;20(5):e10059.
- Fuchs S, Jaffe DM, Christoffel KK. Pediatric Emergencies in Office Practices: Prevalence and Office Preparedness. Pediatrics. 1989 1;83(6): 931-9.
- 15. Sempowski IP, Brison RJ. Dealing with office emergencies. Stepwise approach for family physicians. Can Fam Physician. 2002; 48:1464-72.
- AL, Zaveri P, Yuknis M, Abulebda K, Auerbach M, Thomas EM. Using Simulation to Measure and Improve Pediatric Primary Care Offices Emergency Readiness. Simul Healthc. 2020;15(3):172-192. doi: 10.1097/SIH. 000000000000472.
- Klig JE, O'Malley PJ. Pediatric office emergencies. Curr Opin Pediatr. 2007;19(5):591-6. doi: 10.1097/ MOP.0b013e3282efd4cc.