



Should Mothers Detect Pneumonia Early?

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Pneumonia is one of the leading causes of death in children worldwide, especially in developing countries. According to World Health Organization (2023) Around 700,000 children under five die each year from pneumonia. According to Liu et al (2023) Studies have shown that delays in recognizing early pneumonia symptoms by parents, especially mothers, are a significant factor in the high severity of cases when taken to health facilities. Therefore, mothers' ability to detect pneumonia early is crucial for reducing morbidity and mortality in children.

Early symptoms of pneumonia such as cough, fever, rapid breathing, and shortness of breath are often not recognized or considered mild by most mothers, especially in areas with limited access to health information. World Health Organization (2022) emphasized that educating and increasing maternal awareness of the early symptoms of pneumonia is crucial in accelerating medical treatment. Meanwhile, research by Williams et al (2023) confirms that community-based interventions involving mothers in pneumonia recognition training have proven effective in preventing pneumonia in children. This demonstrates that early detection of pneumonia is not only ideal but absolutely necessary.

The involvement of mothers as primary caregivers is crucial in the child's health decision-making process. World Health Organization (2023) stated that mothers who have a good understanding of respiratory diseases in children are quicker to take action at health care facilities. In an observational study by Alam et al (2023) It was found that children of mothers who were able to recognize the symptoms of pneumonia had a higher chance of recovering without complications. This underscores the importance of empowering mothers as the frontline in early detection of pneumonia in children.

A mother's ability to recognize the early symptoms of pneumonia is crucial for her child to receive prompt treatment. If mothers are equipped with sufficient knowledge, pneumonia can be prevented early. Therefore, empowering mothers to detect pneumonia early is not only important but also essential. By actively involving mothers, we can help reduce child mortality and create healthier families.

REFERENCE

- Alam, M. A., Faruque, A. S. G., Ahmed, T., & Rahman, M. (2022). Mothers' recognition of pneumonia in children and decisions for seeking treatment: A cross-sectional study in rural Bangladesh. *BMJ Global Health*, 7(1), e008765. <https://doi.org/10.1136/bmjgh-2021-008765>
- Liu, L., Oza, S., Hogan, D., Perin, J., Rudan, I., Lawn, J. E., & Black, R. E. (2022). Global, regional, and national causes of child mortality in 2020: An updated systematic analysis. *The Lancet*, 399(10334), 2056–2069. [https://doi.org/10.1016/S0140-6736\(22\)00487-6](https://doi.org/10.1016/S0140-6736(22)00487-6)
- Williams, D. A., Khan, A. A., & Taneja, S. (2023). Strengthening community-level detection of pneumonia through maternal empowerment. *International Journal of Public Health*, 68, 160567. <https://doi.org/10.3389/ijph.2023.160567>
- World Health Organization. (2022). *Ending preventable child deaths from pneumonia and diarrhoea by 2025: The integrated global action plan*. Retrieved from <https://www.who.int/publications/i/item/9789241505239>
- World Health Organization. (2023). *Pneumonia in children*. Retrieved from <https://www.who.int/news-room/fact-sheets/detail/pneumonia>