

## Acute Bronchiolitis: Impact of an Educational Video on Mothers' Knowledge, Attitudes, and Practices

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**Abstract :** Introduction: Acute bronchiolitis (AB) is a real public health problem on a global and national scale. Its treatment is most often outpatient. The use of audio-visual supports, such as educational videos, is an innovation in therapeutic education in outpatient treatment. The aim of our study was to evaluate the impact of an educational video on the knowledge, attitudes, and practices of mothers of infants with AB. Methodology: This was a descriptive, analytical, and cross-sectional study with prospective data collection, including mothers of infants with AB. We assessed mothers' knowledge, attitudes, and practices regarding AB, and we created an educational video. We used a questionnaire written in Tunisian Arabic concerning sociodemographic data, mothers' knowledge and attitudes regarding AB, and their opinions on the video, as well as an observation grid to evaluate their practices on the nasopharyngeal unblocking technique. We compared the different parameters before and after watching the video. Results: We noted a statistically significant improvement in mothers' knowledge scores on AB (7.46 in the pre-test versus 14.08 in the post-test;  $p \leq 0.05$ ), practices (12.42 in the pre-test versus 18 in the post-test;  $p \leq 0.05$ ) and attitudes (5.86 in pre-test versus 9.02 in post-test;  $p \leq 0.05$ ). Conclusion: The use of an educational video has a positive impact on the knowledge, practices, and attitudes of mothers towards AB.

**Keywords :** acute bronchiolitis, therapeutic education, mothers, educational video

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