

# Lung damage associated with the use of electronic cigarettes – “vaper’s disease”

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**Conflict of interest:** none

**ABSTRACT.** The article provides a systematic review of lung damage associated with the use of electronic cigarettes or vaping products (EVALI – E-cigarette and Vaping use-Associated Lung Injury). Diagnostic and therapeutic algorithms for these patients are proposed. Attention is focused on the problem of timely detection of EVALI, in particular the difficulties of differential diagnosis with viral infections and other diseases. The pathophysiological mechanisms and histopathological manifestations of EVALI are discussed, and the characteristics of clinical manifestations are analysed. Current EVALI treatment protocols are reviewed and areas for further research needed to improve the management of patients with EVALI are identified.

**KEY WORDS:** lung damage, vaping, electronic cigarettes, vitamin E acetate.

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