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BACKGROUND

Poppers, also known as amyl nitrate, is an inhalant with vasodilatory properties^{1,2,3}

It is associated with recreational and sexual contexts^{1,2,3}

When inhaled, poppers can lead to dermatitis, causing rashes around the mouth, nose, and eyes⁴.

OBJECTIVES

The project aims to review existing literature on popper-induced dermatitis, offering diagnostic and treatment recommendations for clinicians.

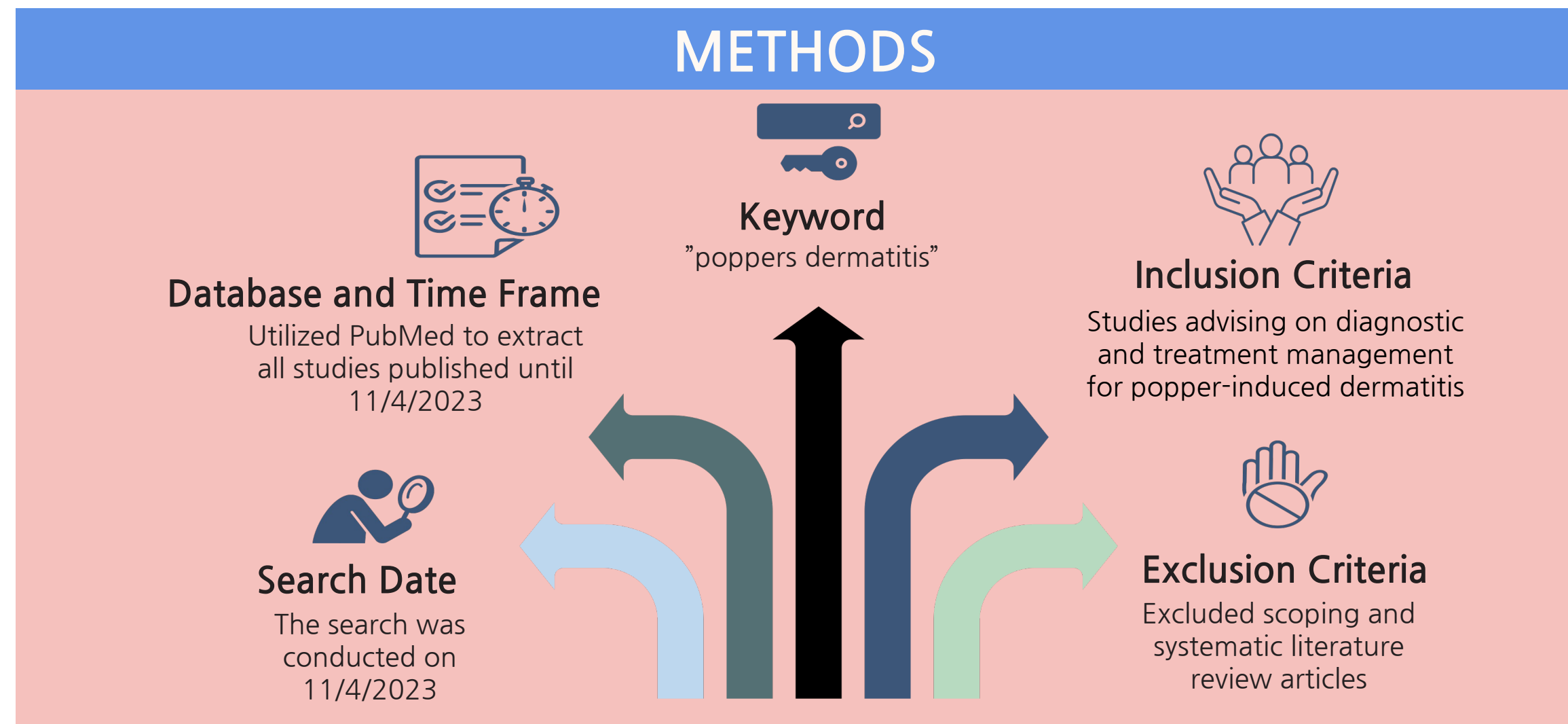
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LIMITATIONS

- Limited number of articles
- Single search engine
- Retrospective
- Predominance of case reports

CONCLUSION

The findings underscore the connection between dermatological conditions, substance use, and overall health. Clinicians should integrate these insights into practice through comprehensive approaches, including awareness, thorough history-taking, patch testing, and explicit questioning, for accurate diagnosis and management of popper-associated dermatological conditions.

RESULTS

Pubmed search for "Poppers Dermatitis"

13 articles identified in literature search

4 articles excluded

9 articles included
All case reports
7 different countries

Diagnostic Recommendations

- Differentiate irritant dermatitis from allergic contact dermatitis based on the quick onset of rash.⁵
- Patch testing is a vital diagnostic tool that uncovers reactions indicative of both allergic and contact dermatitis.⁵

Treatment Recommendations

- Topical pimecrolimus cream is effective in preventing further relapses of dermatitis.⁶

Management Recommendations

- Facial dermatitis resembling impetigo is associated with poppers, STDs, and genital ulcers, particularly in men who have sex with men.^{7,8}
- Thorough history-taking about popper use becomes imperative when patients do not provide an explanation for the impetigo-like rash.⁵
- Clinicians are advised against antibiotic treatment; instead, questioning patients about popper inhalation and diagnostic STD testing is recommended for such dermatological manifestations.⁷

Figure 2: Perinasal dermatitis to Amyl Nitrates ("Poppers Dermatitis")⁸

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