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Summary

ATOPIC PREDISPOSITION IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE: A SYSTEMATIC REVIEW

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A systematic review of observational studies covering over 2 million patients found that inflammatory bowel disease is associated with asthma, atopic dermatitis, and atopic rhinoconjunctivitis, and vice versa.

KEY POINTS

- The review included 23 studies on IBD and asthma with approximately 2 million patients, of which 17 showed a positive association and only one showed a negative association.
- Nineteen studies on IBD and atopic dermatitis with approximately 2.6 million patients were included, with 16 showing a positive association and 3 showing no association.
- All 4 cohort studies on IBD and atopic rhinoconjunctivitis, covering approximately 2.2 million patients, showed a positive statistically significant association.
- The authors note that additional research is needed to determine whether one disease influences the risk of developing the other or if co-occurrence results from shared genetic, environmental, and microbial factors.
- This is reported as the first systematic review examining the association between IBD and all three main atopic diseases, which may increase gastroenterologists' awareness for timely management.

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