Dermatologist Preferences for Strategies to Improve Statin Use in Psoriasis Patients

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PURPOSE

- Patients with psoriasis are at increased risk of cardiovascular disease, but are less likely to be prescribed medications such as statins
- What are the most promising implementation strategies to improve statin use among psoriasis patients?

METHODS

- A survey consisting of a best-worst scaling choice experiment of 8 implementation strategies and items on willingness to screen and manage cardiovascular risk factors was fielded among dermatologists and rheumatologists.
- Recruited through the National Psoriasis Foundation and Group for Research and Assessment of Psoriasis and Psoriatic Arthritis from October-January 2020.
- Ratio-scaled preference scores for each strategy were generated using hierarchical Bayes analysis in Lighthouse Studio.

RESULTS

- 70% of dermatologists and 70% of rheumatologists agreed checking lipids was doable.
- 41% of dermatologists and 67% of rheumatologists agreed prescribing statins was doable.
- 72% of dermatologists and 67% of rheumatologists agreed they would change practice based on a trial demonstrating improved outcomes.
- The highest ranked implementation strategies were clinician decision support (preference score: 22.2, 14.6), patient education (12.5, 11.3), and physician education (12.2, 16.3).
- The lowest ranked strategies were peer comparisons (5.6, 2.2), a mobile app (8.7, 9.9), and pay-for-performance (10.7, 15.5)

DISCUSSION

- Dermatologists are willing to consider lipid screening and prescribing statins in psoriasis patients.
- These findings will guide the design of a future trial to evaluate strategies to improve lipid screening and statin use among psoriasis patients.

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