Improving Clinical Decisions for Gout Management: Effect of Online Case-Based Education

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BACKGROUND

Gout is a chronic condition with a considerable effect on patient health and quality of life. Despite the availability of multiple pharmacologic treatments and evidence-based management guidelines, treatment targets are often not achieved in patients with gout. A study was conducted to determine if online, case-based intervention could improve clinical decisions made by rheumatologists and primary care providers (PCPs) regarding the management of patients with gout.

METHODS

Two online, interactive patient cases were presented using a “link, discuss, respond” approach to improve adherence with evidence-based treatment practices. The activity launched December 26, 2017; data were collected through January 18, 2018.

RESULTS

Significant improvement in treatment with fixed-dose lesinurad/allopurinol combination therapy in gout was observed. Improving confidence in using a treat-to-target approach when prescribing urate-lowering therapy in gout.

CONCLUSION

This study demonstrated the success of online, interactive, case-based education in improving the evidence-based clinical decisions and confidence of rheumatologists and PCPs in selecting appropriate treatment for patients with gout, using a treat-to-target approach.