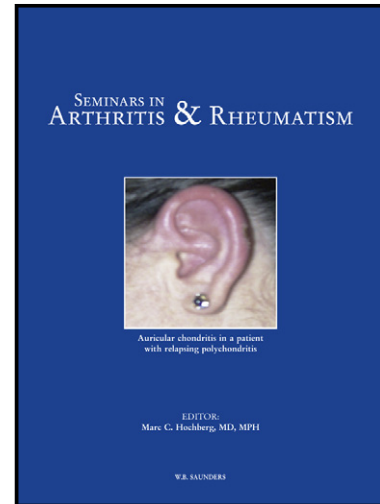


Effect of TNF-alpha inhibitor treatment on bone mineral density in patients with ankylosing spondylitis: a systematic review and meta-analysis

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**AUTHOR CONTRIBUTIONS**

Nisha Nigil Haroon was actively involved in formulating the research question, designing the study, extracting data, doing statistical analysis and writing the manuscript. This study was performed as partial fulfillment for a Master's of Science degree at the Institute of Medical Sciences at the University of Toronto.

Jeevitha Srighanthan was actively involved in designing the study, extracting data, doing statistical analysis and writing the manuscript.

Nayef AlGhanim was actively involved in designing the study, extracting data, and writing the manuscript.

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