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Tamsulosin Use After Shock Wave Lithotripsy: A Systematic Review

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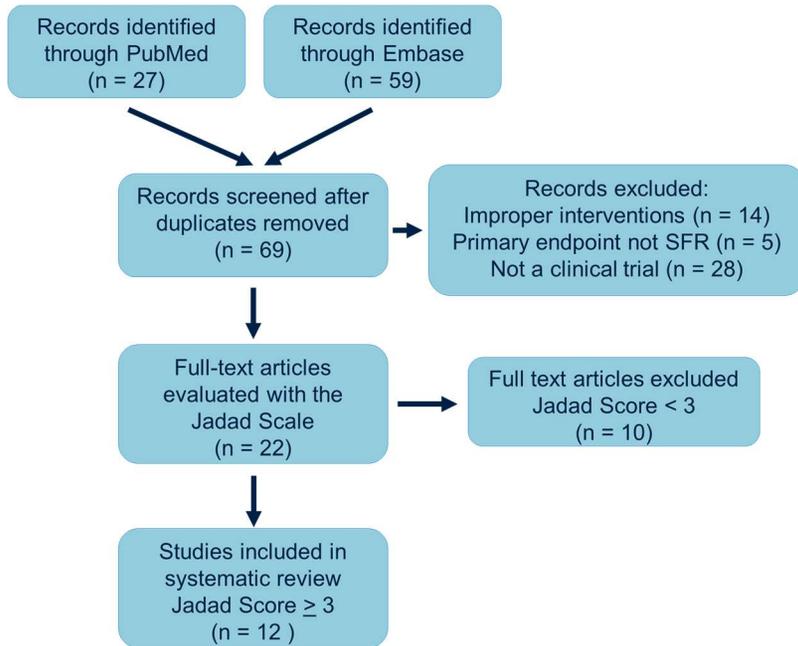
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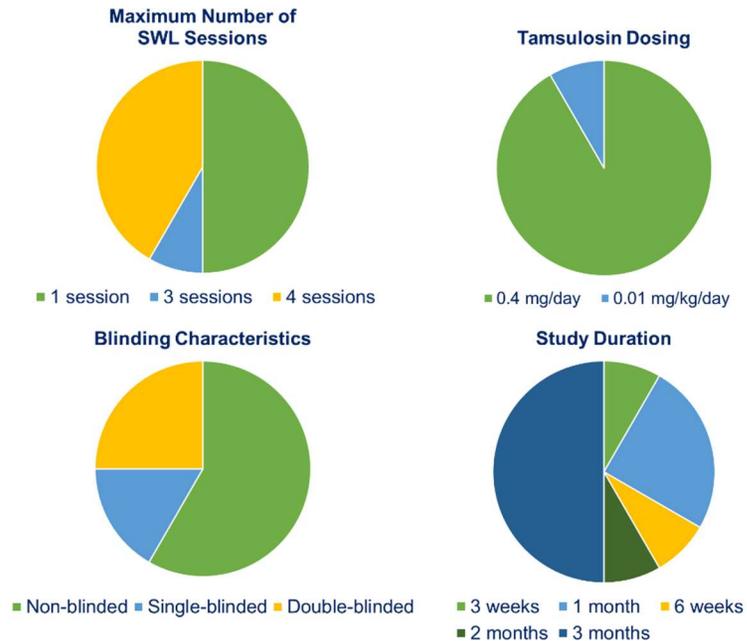
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Methods and Results



Extensive searches of two literature databases, PubMed and Embase, were conducted by a single reviewer to identify eligible trials. Titles and abstracts were screened to identify trials in which all participants received at least one session of shock wave lithotripsy (SWL) and had a primary end-point of stone-free rate (SFR). After the potentially eligible trials were identified, the remaining full-text articles were evaluated independently by two reviewers using the Jadad Scale, which assesses trials based on randomization methods, blinding characteristics, and an account of all patients. Only trials with a Jadad score of at least 3 were included in the systematic review.



Twelve trials were identified for inclusion in the systematic review. Pie charts were created to determine the heterogenous or homogeneous nature of the trials. Due to the heterogenous nature of the studies, particularly seen by the wide variation in study durations, a meta-analysis was unable to be performed. Full results are not available since the results of this study are being compiled for publication.