

[Sidell N, Abrams MI \(1940\)](#). Treatment of chronic arthritis. JAMA 144:1740-1742.

**Key passages**

## TREATMENT OF CHRONIC ARTHRITIS

RESULTS OF VACCINE THERAPY WITH SALINE  
INJECTIONS USED AS CONTROLS

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All the patients with chronic osteo-arthritis were treated with physiologic solution of sodium chloride subcutaneously as the only form of injection therapy. Twenty-five patients with chronic rheumatoid arthritis were treated with polyvalent streptococcus vaccine intravenously, while thirty-three received physiologic solution of sodium chloride subcutaneously. The polyvalent streptococcus vaccine was given intravenously in increasing amounts at weekly intervals, starting with 50,000 organisms and reaching a maximum of 10,000,000 organisms. The saline solution was given subcutaneously in the amount of 0.5 cc. at weekly intervals. The only other treatment employed for all the patients was the use of salicylates in approximately the same dosage for each one.