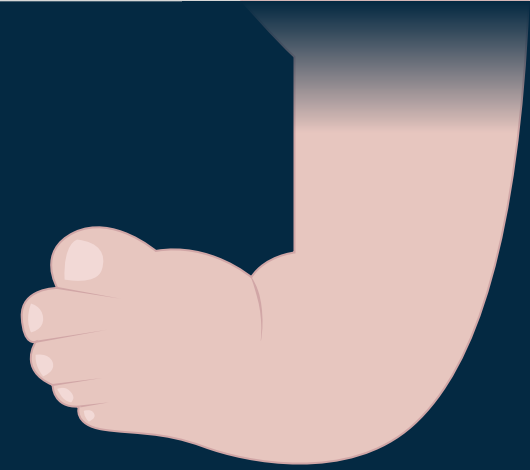


Repeat Ponseti casting is effective for recurrent idiopathic club foot

~40% of club foot patients experience a **recurrence** after initial successful Ponseti treatment.



This study evaluated the **outcome of repeat Ponseti casting** for recurrent clubfoot between patients with...

Recurrent clubfoot
(initially treated successfully with Ponseti casting)



35 of 71 (49 feet)

VS

Nonrecurrent clubfoot
(random selection of patients with no recurrence)



42 of 311 (63 feet)

382 eligible clubfoot patients treated between 2004 to 2012 with a minimum of



At the time of follow-up...

Successful outcome



74%

83%

Straight lateral border ($p < 0.001$)



78%

95%

Dorsiflexion range of motion ($p = 0.004$)



12°

20°

Satisfaction score



81/100

88/100

■ Recurrent group

■ Nonrecurrent group

Recurrence seen in **19%** (71) of 382 patients who were typically discharged at 5 years of age



Ponseti casting remains effective for recurrent idiopathic clubfoot. But longer follow-up periods may be needed as recurrence can occur as late as 7 years of age.

Casting Is Effective for Recurrence Following Ponseti Treatment of Clubfoot

van Praag et al. (2018) DOI: 10.2106/JBJS.17.01049

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