

慢性疼痛  
レポート②

重度の難治性慢性  
偏頭痛患者への脂  
肪由来幹細胞治療  
効果

Alexander Mauskop ,et .al .  
Stem Cells in the Treatment of  
Refractory Chronic Migraines  
: Case Rep Neurol 2017;9:149-155

### Results

One male and 8 female patients were enrolled in the study. The mean age was 48 years, the mean duration of headaches was 16 years, and the mean number of prophylactic drugs tried was 10. Two patients had functioning ventriculoperitoneal shunts. Three months after the procedure the MIDAS score dropped in 7 out of 9 patients. The PGIC scale was reported as 1 very much improved, 1 much improved, 4 minimally improved, 2 no change, and 1 minimally worse. One of the patients reporting minimal improvement had a dramatic improvement within the first month and until she lowered the dose of her topiramate. Another patient was much improved for 2 months after the procedure, but worsened with the onset of menstruation, after not having menstruations for 5 months. The number of headache-free days, the percentage of patients with 50% or greater improvement in headache-free days, and the number and type of abortive medications taken showed no change. No adverse events were observed.