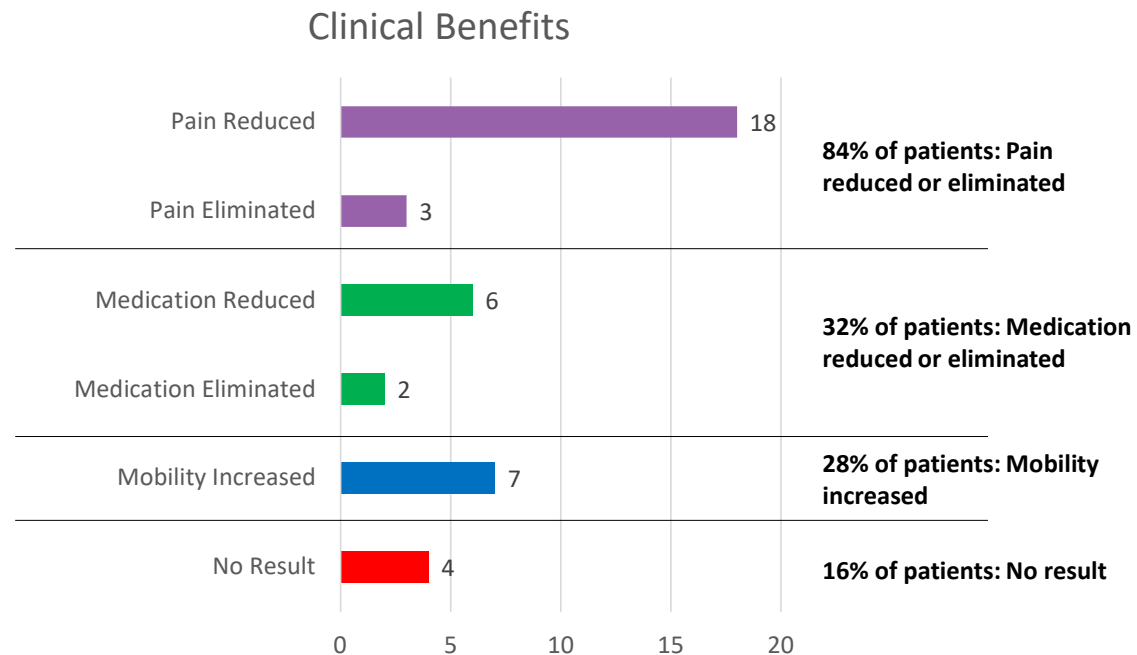


# AVACEN Case Study #1: Nursing Home

Shanghai, China (n = 25 patients) (Data as of June 1, 2021)

Study Protocol: 20 minute use, 2x daily, 2-5 weeks

Background		
n (patients)	25	
Male	14	56%
Female	11	44%
Mean Age (Years)	77	
Range Age (Years)	71 - 83	
Conditions		
Arthritis	10	40%
Back Pain	3	12%
Back Pain & Arthritis	1	4%
Joint Pain	4	16%
Knee Pain	3	12%
Muscle Pain	1	4%
Rheumatoid Arthritis	3	12%
Clinical Benefits		
Pain Reduced	18	72%
Pain Eliminated	3	12%
Medication Reduced	6	24%
Medication Eliminated	2	8%
Mobility Increased	7	28%
No Result	4	16%



\*Note: Categories not mutually exclusive



# AVACEN Case Study #2: Nursing Home

Kunshan, China (n = 60 patients) (Data as of June, 2021)

Study Protocol: 20 minute use, 2x daily

Background		
n (patients)	60	
Male	28	47%
Female	32	53%
Mean Age (Years)	72	
Range Age (Years)	64 - 92	
Years in Pain Range	2 - 20	
Conditions		
Arthritis	32	53%
Back Pain	27	45%
Body Pain	1	2%
Clinical Benefits		
Pain Reduced	47	78%
Pain Eliminated	10	17%
Medication Reduced	11	18%
Medication Eliminated	5	8%
Mobility Increased	11	18%
No Result	3	5%

