

123 volunteers screened		
76 volunteers excluded		
Reasons for exclusion: 45 – pain > 12 weeks 12 – pain > 12 weeks and pain < 4 on NRS 7 – pain < 4 on NRS 5 – cervical radiculopathy 2 – pain < 4 weeks 2 – contraindications to manipulation 1 – pain < 4 on NRS and nerve root lesion 1 – pain > 12 weeks and headache worse than neck pain 1 – manipulation in prior six months		
	47 randomised	
16 - manipulation	16 - activator	15 - mobilisation
1 – dropped out	3 – dropped out	2 – dropped out
End of treatment PGIC = 15 NRS = 16 BQ = 16 Adverse events = 15 Rescue med = 15 SF-36 = 13	End of treatment PGIC = 13 NRS = 16 BQ = 16 Adverse events = 13 Rescue med = 13 SF-36 =14	End of treatment PGIC = 13 NRS = 15 BQ = 15 Adverse events = 13 Rescue Med = 13 SF-36 = 13
3 Month Follow-up PGIC = 12 NRS = 13 BQ = 13 SF-36 = 13	3 Month Follow-up PGIC = 11 NRS = 14 BQ = 14 SF-36 = 14	3 Month Follow-up PGIC = 11 NRS = 13 BQ = 13 SF-36 = 13
6 Month Follow-up PGIC = 12 NRS = 13 BQ = 13 SF-36 = 13	6 Month Follow-up PGIC = 12 NRS = 15 BQ = 15 SF-36 = 15	6 Month Follow-up PGIC = 13 NRS = 15 BQ = 15 SF-36 = 15
12 Month Follow-up PGIC = 11 NRS = 12 BQ = 12 SF-36 = 12	12 Month Follow-up PGIC = 12 NRS = 13 BQ = 13 SF-36 = 13	12 Month Follow-up PGIC = 13 NRS = 15 BQ = 15 SF-36 = 15