Management of Chronic Neck Pain Patients

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lethods - Population	
Inclusion criteria:	Exclusion criteria:
 adults (>18 years) neck pain >6 months reduced neck function (NDI > 10/50) pain primarily in the neck completed diagnostic procedures (medical investigations, diagnostic imaging) ability to participate in exercise program 	 neuropathies/radiculopathies severe depression (Beck Depression Inventory-II >29) being in unstable social / working situation pregnancy known fractures













Results		
Outcomes	Significant Improvement Exercise group (Intention To Treat n=200)	Significant Improvement Exercise group (Per Protocol – 75% adherence* n= 125)
SF36 – Physical	\checkmark	\checkmark
SF36 – Mental		
Depression	V,	\checkmark
Range of Motion	extension	\checkmark
Pressure Pain Threshold	cervical bilateral	only left
Muscle Function	\checkmark	\checkmark
*Adherence: 75% attendance of sessions		





Discussion – more about SF36- PCS

- Increase SF36-PCS: 2.8 (ITT) and 3.4 (PP)
- Traumatic PP: 1.4 ; Non-traumatic PP: 4.6

Other studies: minimal clinical relevance SF36-PCS?:

- 2.0: chronic knee pain patients exercising
- 4.4: rheumatoid arthritis patients medical treatment
- 4.1: chronic neck pain patients surgical fusion

Depend on: resources versus burden of treatment

 \longrightarrow Traumatic group: less effect of the treatment and fewer resources \ldots



Worth the trouble??

More details			
	Manual Therapy 26 (2016) 132-140		
ELSEVIER	Contents lists available at ScienceDirect Manual Therapy journal homepage: www.elsevier.com/math	Manual Therapy	
Original article Does a combina education impr chronic neck pa up	Original article Does a combination of physical training, specific exercises and pain education improve health-related quality of life in patients with chronic neck pain? A randomised control trial with a 4-month follow up		
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Thank you for your attention



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