



Instituto de Patologia da Coluna

Direção • Dr. Luiz Pimenta

Worker's Compensation Detected before the Surgery is Associated with Worse Clinical Results after Lumbar Fusion

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Introduction

Confusion Factors

- Alterations

- Psychological
- Socials
- Labor
- Secondary Gains



- Presents

- Change clinical presentation and treatment outcomes

Actual work from the same research line

OBJECTIVES

Evaluate clinical outcomes in the
situation of patients with pre-operative
work compensation that underwent
spine surgery

MATERIAL AND METHODS


- Retrospective, comparative, single center

Inclusion criteria:

- ✓ 2011-2016
- ✓ Lumbar Interbody Fusion (elective surgery)
- ✓ 1 to 3 levels
- ✓ Minimum of 6 months follow-up

MATERIAL AND METHODS

Analyzed Parameters

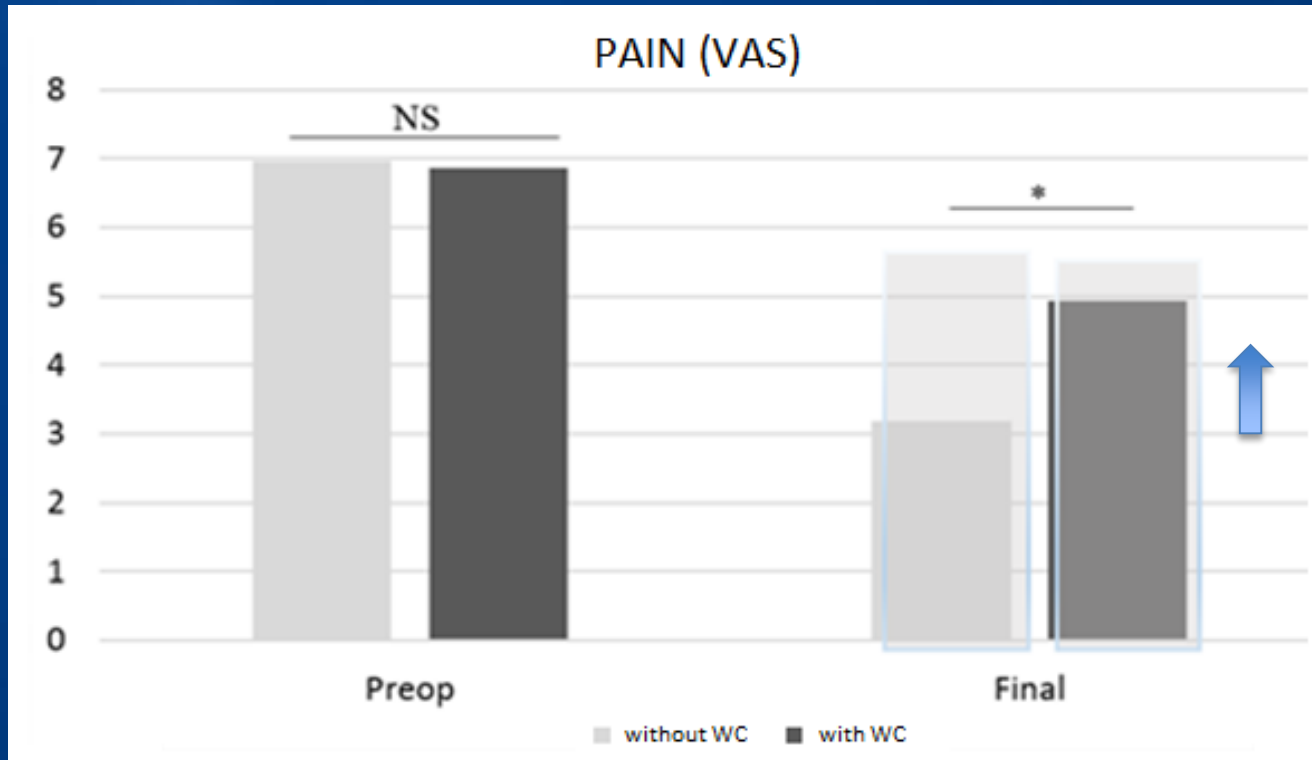
- ✓ Work compensation (WC) prior surgery 
- ✓ Depression Score(HAD-D)
- ✓ Referred Pain(Visual Analog Scale– VAS)
- ✓ Physical Restriction(Oswestry Disability Index – ODI)
- ✓ Quality of Life (EuroQol 5D – EQ-5D)
- ✓ FUP
 - ✓ Pré; Pós (6-12 meses)

RESULTS

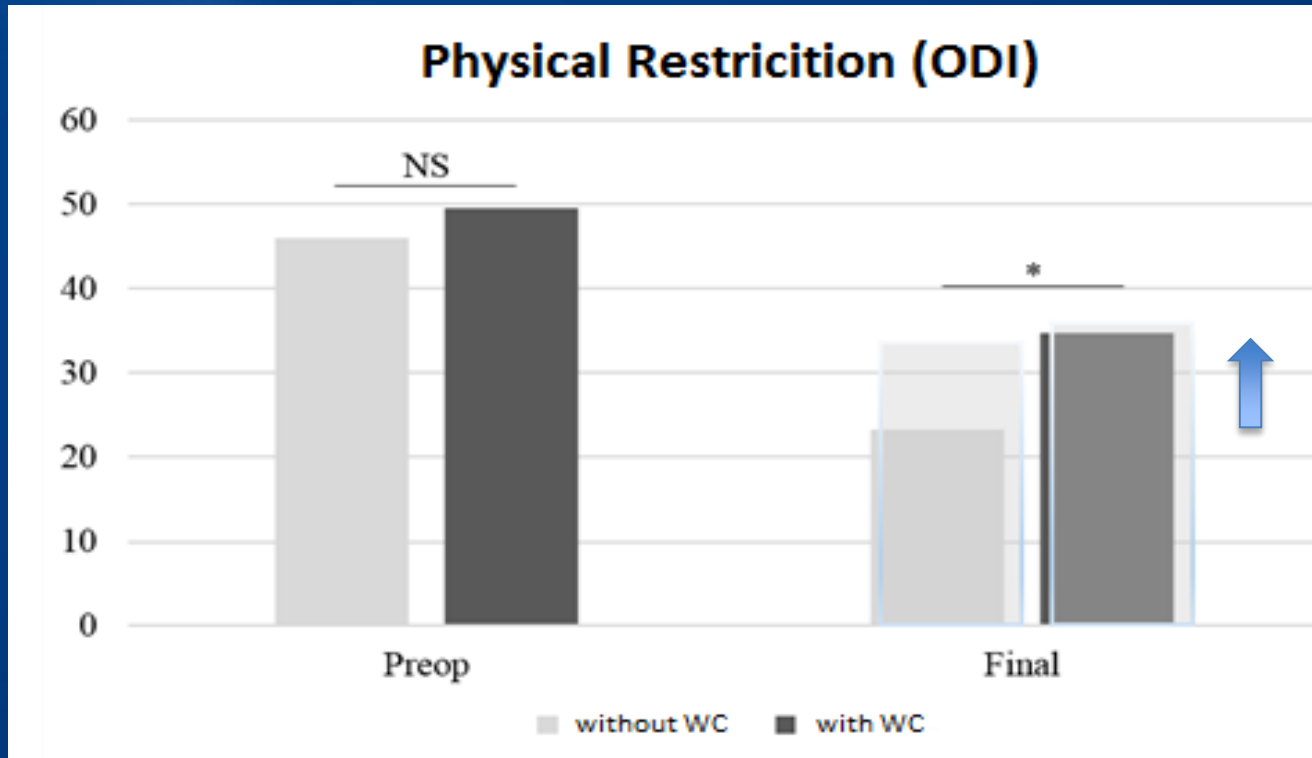
Table 1. Groups characteristics				
	Total	Without WC	With WC	p Value
Cases (n)	132	103 (78%)	29 (22%)	
Age (years)	54 ± 16	54 ± 15	54 ± 17	0.966
Gender (n; %)				
Female	67 (51%)	54 (52%)	13 (45%)	0.469
Male	65 (49%)	49 (48%)	16 (55%)	
HAD-D	4.7 ± 4.1	4.6 ± 4.0	5.1 ± 4.3	0.544

WC= work compensation; HAD-D = Hospital Anxiety and Depression score

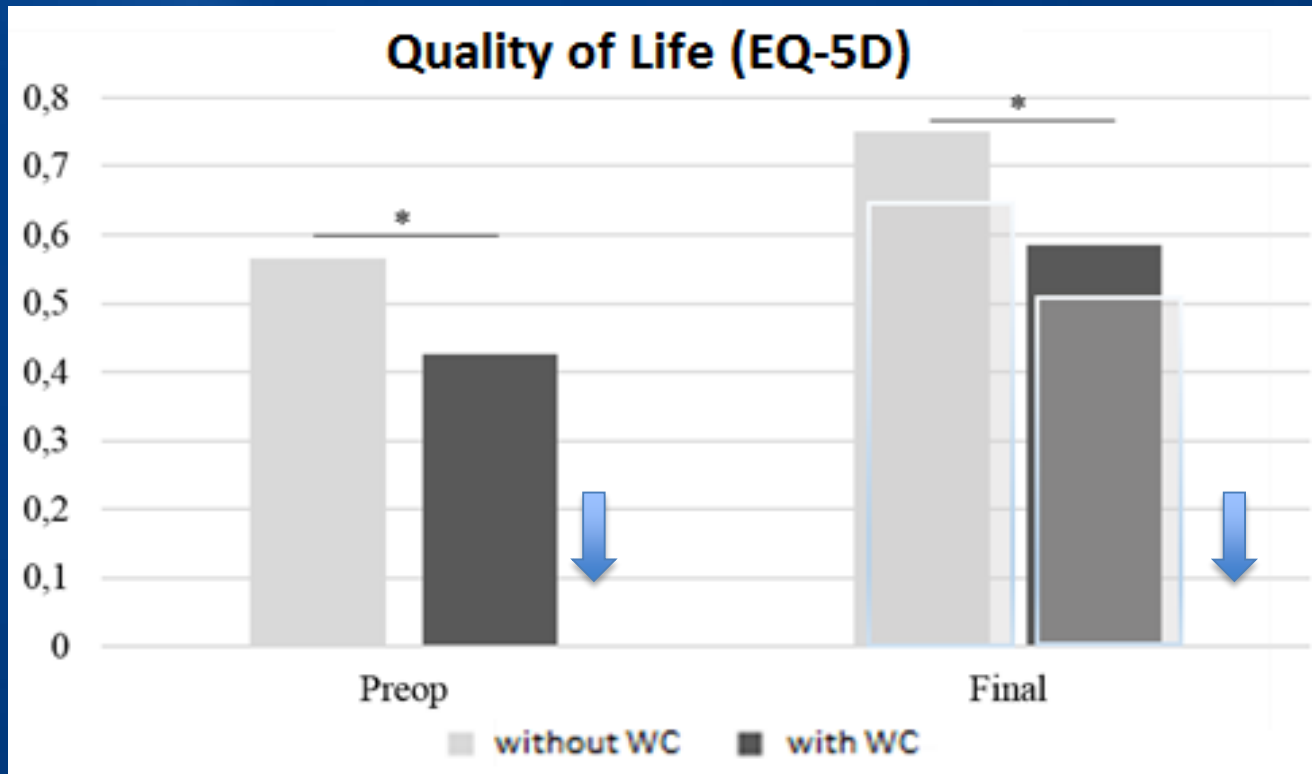
RESULTS



RESULTS



RESULTS



CONCLUSION

- Both group have benefitis after the surgery
- Patients with WC have worse clinical outcomes
- The identification of such situation could be useful to align expectations

Disclosure

Nothing to disclose



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