

 Job stress is well known to be a major factor in the presentation of musculoskeletal discomfort. Although the mechanism generating such discomfort is similar for the body overall, impact upon various areas is differentiated, with some showing more susceptibility than others.

A number of critical literature reviews have provided evidence that psychosocial workplace factors correlate with occupational musculoskeletal disorders

 A number of studies also suggest that individual psychological factors relate to consultation for and disability from musculoskeletal disorders.

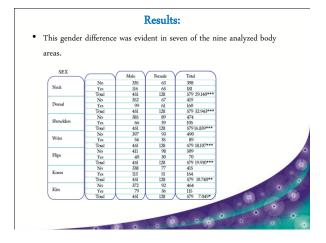
Methods:

A cross-sectional retrospective study was conducted with 562 industrial sector workers in the Mexican state of Jalisco.

Socio-demographic and employment data were gathered before applying the Job Content Questionnaire and standardized questionnaires for the analysis of musculoskeletal symptoms.

Data were analyzed using SPSS 16.

Results: • There was a greater relationship between stress and musculoskeletal discomfort in women than in men. Sex Body zone whit dis confort N Mean 1 Male 451 1.57 6.975 Female 128 2.89 (p<.001)



 A significant correlation was found to exist between the number of body areas with musculoskeletal discomfort and the level of stress.

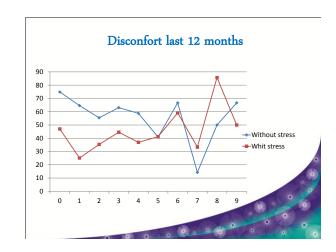
Stress	Body :	confort	
	N	Mean	t
Without	360	1.6528	3.615
Whith	202	2.2723	(p<.001)

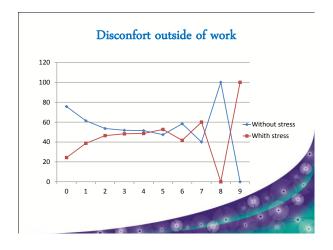
ndings also indicate that subjects experiencing stress present most frequently discomfo								
		subjects experies	ncing stress	present most i	requently discomic			
this body are	eas.							
STRESS				m . I	X ²			
		Without 263	Whit	Total 385 9.611**	A ^o			
Neck	No Yes	97	122 80	177	\rightarrow			
TYCCK	Total	360	202	562	\rightarrow			
	No	269	134	4034.485*	\rightarrow			
Lumbar	Yes	91	68	159	\rightarrow			
	Total	360	202	562	\dashv			
	No	313	161	4745.138*	\rightarrow			
Wrist	Yes	47	41	88				
	Total	360	202	562				
	No	327	167	4948.101**				
Hips	Yes	33	35	68	Min			
	Total	360	202	562				
	No	268	133	401 4.685*				
Knees	Yes	92	69	161				
	Total	人 360 人	202	562				

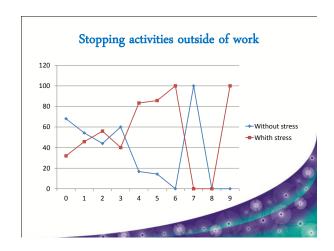
Results

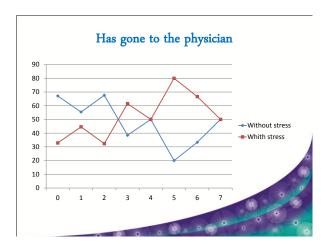
The table shows the frequency with which the different numbers of body sites were reported as being painful in relation with stress.

| Disconfort | Disconfort | Disconfort | Has gross | Has dischally | Beautiful | Has dischally | Has dischally











Discussion

- ${}^{\bullet}\:$ Results confirm that job stress has a major effect upon musculoskeletal discomfort in certain areas of the body, and that this effect is greater in women than in men.
- These results reinforce the need for implementing stress-reducing measures in the workplace, in order to improve general worker health conditions.
- Our findings should, however, be considered in the context of several limitations of the study design.
- Data collection was based on interviewer-administered questionnaires, and, as in many other studies, no clinical measures of pain or disability were used.

