



Population attributable risk of lumbar disc surgery according to occupation: a study in a French general population

Submitted by Julie Bodin on Wed, 07/22/2015 - 21:22

Titre	Population attributable risk of lumbar disc surgery according to occupation: a study in a French general population
Type de publication	Communication
Type	Communication par affiche dans un congrès
Année	2010
Langue	Anglais
Date du colloque	29/08-02/09/2010
Titre du colloque	PREMUS 2010 - 7th International Scientific Conference on Prevention of Work-Related Musculoskeletal Disorders
Auteur	Fouquet, Natacha [1], Roquelaure, Yves [2], Ha, Catherine [3], Bord, Éric [4], Surer, Nathalie [5], Petit, Audrey [6], Leclerc, Annette [7], Lombrail, Pierre [8], Goldberg, Marcel [9], Imbernon, Ellen [10]
Pays	France
Ville	Angers
Mots-clés	back [11], Epidemiology [12], low back [13], Surveillance [14]
Résumé en anglais	<p>Aims: Disc-related sciatica represents one of the most significant and costly health problems occurring in the working population. The aim of this study was to assess the work-related population attributable fraction (PAF) of lumbar disc surgery (LDS) for disc-related sciatica in occupational categories at high risk in the general population.</p> <p>Methods: Patients living in a French region in 2003 and discharged from a large University Hospital following LDS were compared with demographic and socioeconomic data from the population census. Medical and occupational histories from 75 women and 71 men were gathered using a mailed questionnaire. The ageadjusted relative risks and PAF of CTS were calculated according to occupational categories.</p> <p>Results: The PAFs of lumbar disc surgery was 37% [19-54] for the male blue-collar workers suggesting that about 37% of the cases occurring in this category of workers could be avoided if the excess risk of LDS could be eliminated. The PAF value for male and female lower-grade white collar workers and female intermediate occupations were 18%, 33% and 13%, respectively.</p> <p>Conclusion: The study suggested that 13-37% of LDS for disc-related sciatica might be avoided in the whole population if totally effective intervention programs were implemented in specific occupational categories or industries. However, these preliminary findings must be confirmed by a larger study conducted in the whole region to assess more accurately the proportion of avoidable cases of LDS in the population.</p>
URL de la notice	http://okina.univ-angers.fr/publications/ua13692 [15]

Liens

- [1] <http://okina.univ-angers.fr/natacha.fouquet/publications>
- [2] <http://okina.univ-angers.fr/yves.roquelaure/publications>
- [3] [http://okina.univ-angers.fr/publications?f\[author\]=8920](http://okina.univ-angers.fr/publications?f[author]=8920)
- [4] [http://okina.univ-angers.fr/publications?f\[author\]=9132](http://okina.univ-angers.fr/publications?f[author]=9132)
- [5] [http://okina.univ-angers.fr/publications?f\[author\]=9133](http://okina.univ-angers.fr/publications?f[author]=9133)
- [6] <http://okina.univ-angers.fr/a.petitle/publications>
- [7] [http://okina.univ-angers.fr/publications?f\[author\]=8885](http://okina.univ-angers.fr/publications?f[author]=8885)
- [8] [http://okina.univ-angers.fr/publications?f\[author\]=9134](http://okina.univ-angers.fr/publications?f[author]=9134)
- [9] [http://okina.univ-angers.fr/publications?f\[author\]=8922](http://okina.univ-angers.fr/publications?f[author]=8922)
- [10] [http://okina.univ-angers.fr/publications?f\[author\]=8923](http://okina.univ-angers.fr/publications?f[author]=8923)
- [11] [http://okina.univ-angers.fr/publications?f\[keyword\]=20031](http://okina.univ-angers.fr/publications?f[keyword]=20031)
- [12] [http://okina.univ-angers.fr/publications?f\[keyword\]=7714](http://okina.univ-angers.fr/publications?f[keyword]=7714)
- [13] [http://okina.univ-angers.fr/publications?f\[keyword\]=20032](http://okina.univ-angers.fr/publications?f[keyword]=20032)
- [14] [http://okina.univ-angers.fr/publications?f\[keyword\]=9264](http://okina.univ-angers.fr/publications?f[keyword]=9264)
- [15] <http://okina.univ-angers.fr/publications/ua13692>

Publié sur *Okina* (<http://okina.univ-angers.fr>)