Tobacco in Australia
Facts & Issues

Relevant news and research

3.13 Musculoskeletal conditions

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Research:


3.13.1 Bone density, osteoporosis and the risk of fractures


Sikora, M, Baranowska-Bosiacka, I, Rebacz-Maron, E, Olszowski, T, & Chlubek, D. The influence of the place of residence, smoking and alcohol consumption on bone mineral content in the facial skeleton.


Pompe E, de Jong PA, van Rikxoor EM, Gallardo Estrella L, de Jong WU, et al. Smokers with emphysema and small airway disease on computed tomography have lower bone density. Int J


3.13.1.1 Effect of smoking on bone mineral density
3.13.1.2 Effect of smoking on osteoporotic hip fractures

3.13.2 Delayed bone union


### 3.13.3 Back pain


3.13.4 Arthritis


3.13.5 Other musculoskeletal problems


Nishii T, Kono AK, Nishio M, Kyotani K, Nishiyama K, et al. Dynamic blood oxygen level-dependent mr imaging of muscle: Comparison of postocclusive reactive hyperemia in young smokers and


**News reports:**

**3.13.1 Bone density, osteoporosis and the risk of fractures**


*3.13.1.1 Effect of smoking on bone mineral density*
*3.13.1.2 Effect of smoking on osteoporotic hip fractures*

**3.13.2 Delayed bone union**

**3.13.3 Back pain**

Rahhal N. Smokers are nearly 50% more likely to need spinal surgery to relieve excruciating back pain, in Daily Mail Australia2018. Available from: http://www.dailymail.co.uk/health/article-5247481/Smokers-nearly-50-percent-risk-PAIN.html#comments.


Davies M. Smokers are three times more likely to suffer from back pain - but quitting can ease symptoms. Daily Mail, 2014. Available from: http://www.dailymail.co.uk/health/article-2820125/Smokers-three-times-likely-suffer-pain-quitting-ease-symptoms.html

3.13.4 Arthritis

3.13.5 Other musculoskeletal problems