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Relevant news and research
3.15 The impact of smoking on treatment of disease

Last updated August 2020

Research:


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3.15.1 Surgery


Henriksen, NA, Bisgaard, T, Helgstrand, F, & Danish Hernia, D. (2020). Smoking and obesity are associated with increased readmission after elective repair of small primary ventral hernias: A


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Matharu, GS, Mouchti, S, Twigg, S, Delmestri, A, Murray, DW, Judge, A, & Pandit, HG. (2019). The effect of smoking on outcomes following primary total hip and knee arthroplasty: a population-
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Fu, RH, Toyoda, Y, Li, L, Baser, O, Rohde, CH, & Otterburn, DM. Smoking and Postoperative Complications in Plastic and General Surgical Procedures: A Propensity Score-Matched Analysis of 294,903 Patients from the National Surgical Quality Improvement Program Database from 2005 to

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Berglund, L, Stalman, A, Dungner, E, Qureshi, AR, Kumlín, M, & Fellander-Tsai, L. Younger patients and smokers report a higher level of pain after knee arthroscopy: a clinical and experimental study

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Toyoda Y, Fu RH, Li L, Otterburn DM, and Rohde CH. Smoking as an independent risk factor for postoperative complications in plastic surgical procedures: A propensity score-matched analysis of...
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Katznelson R and Beattie W. Perioperative smoking risk. Anesthesiology, 2011; [Epub ahead of print]. Available from: http://journals.lww.com/anesthesiology/Citation/publishahead/Perioperative_Smoking_Risk.99257.aspx


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3.15.1.1 Anaesthesia


3.15.1.2 Postoperative complications


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Hamilton WG. No smoking allowed: Is the operating room the next place that smoking patients undergoing total joint arthroplasty will be banned?: Commentary on an article by eric h. Tischler, ba, et al.: "Smoking increases the rate of reoperation for infection within 90 days after primary total joint arthroplasty". J Bone Joint Surg Am, 2017; 99(4):e17. Available from: http://www.ncbi.nlm.nih.gov/pubmed/28196045


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3.15.1.3 Impact of smoking cessation


3.15.2 Drug interactions and treatment efficacy
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Gritz ER, Dresler C, and Sarna L. Smoking, the missing drug interaction in clinical trials: Ignoring the obvious. Cancer Epidemiology Biomarkers & Prevention, 2005; 14:2287–93. Available from: http://cebp.aacrjournals.org/content/14/10/2287.full.pdf


3.15.3 Cardiovascular disease
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3.15.4 Cancer


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Lin L, Zhao J, Hu J, Zou G, Huang F, et al. Current smoking has a detrimental effect on survival for epidermal growth factor receptor (egfr) and anaplastic lymphoma kinase (alk) negative advanced
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3.15.5 Treatment of infertility including assisted reproduction


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3.15.6 Contraception


3.15.7 Other conditions
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News reports:

3.15.1 Surgery


3.15.1.1 Anaesthesia


3.15.1.2 Postoperative complications
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3.15.2 Drug interactions and treatment efficacy


Seaman AA. Smokers more likely to get antibiotics prescriptions than others, in Reuters2015. Available from: http://www.reuters.com/article/us-health-antibiotics-smoking-idUSKBN0UE1BN20151231

3.15.3 Cardiovascular disease

