

Anaesthetic Roulette Anyone?

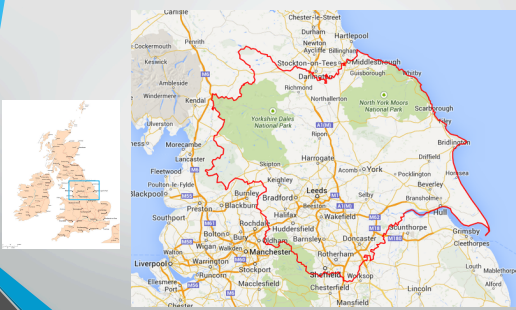
- Dr David Dawson



Background & Competing Interests


- Consultant Anaesthetist Bradford UK 1986 continuing
- Specialist interest in Sleep Disordered Breathing 1997 continuing
- Contracted Medical Adviser to Philips Respironics
- Financial support attending meetings from Cephalon UK
- Company Director OSA Risk Management Ltd

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How Did the Bradford Sleep Service Start?

- Problem patient
 - 1 mg midazolam
- Set up in independent sector
- Introduced it into the NHS
- Now have 4 other anaesthetic colleagues and 1 respiratory physician
- All HST




The Epidemiology of Adult Obstructive Sleep Apnoea

- Punjabi NM. The Epidemiology of Adult Obstructive Sleep Apnea. *Proc Am Thorac Soc* 2008; 5(2):136-143.
- A 10% increase in weight had on average a 32% increase in their AHI and a sixfold risk of developing moderate to severe obstructive sleep apnoea.
- A 10% decrease in weight was associated with a 26% decrease in the AHI.

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Anaesthetic Roulette Anyone?

- We know that untreated OSA increases peri-operative risk
- **BUT**
- Which patients are at risk?
 - High AHI but not sleepy
 - Low AHI but sleepy
 - Something else



Closed Claims Project

- Exciting prospect that this may help us to identify what are the risk factors
- Anaesthesiologists deal with problems but until now no central registry
- Thanks to Frances and her team we have a good screening tool
- Now we need to develop the protocols to manage these patients.

Bradford Team

- Submitted proposal to NCEPOD
- Review of Anaesthetic notes of newly diagnosed OSA patients who have had recent general anaesthetics.
- Pilot study to evaluate Apnea Guard in mild to moderate OSA
 - Concern that it is fine to identify the risk, but having done so what are you doing to mitigate that risk

