





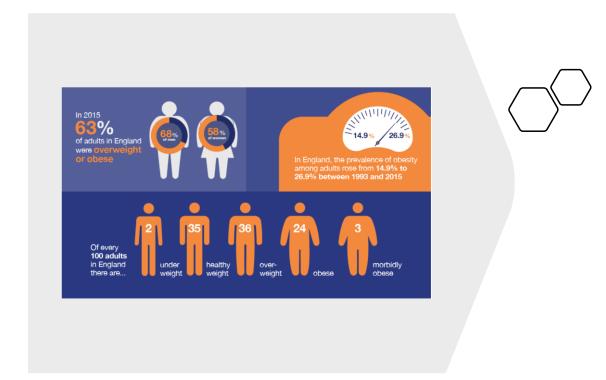




Declarations

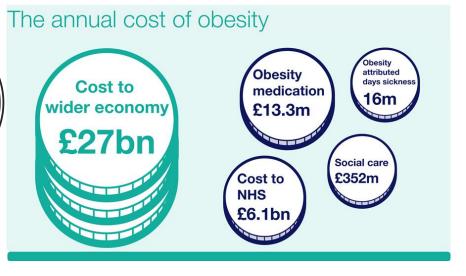
- Current SOBA Chairman
- MSD Honorarium







Obesity the wider cost to the UK



Preoperative Redflags

- Weight/BMI ?
- METS
- OSA/OHS
- Risk scoring tools
- Heart Failure



BMI >30 HR 1.5

BMI >35 HR 2.0

BMI >40 HR 2.5

ORIGINAL ARTICLE

General and Abdominal Adiposity and Risk of Death in Europe

T. Pischon, M.D., M. P.H., H. Boeing, Ph.D., M. S.P.H., K. Hoffmann, Ph.D., 2 M. Bergmann, P.D., M. B. Schwine, D. P.H. K. Overda, M.D., Ph.D., M. Bergmann, P.D., B. Spencer, Ph.D., K.C.M. Moons, Ph.D. A. Tjenneland, M. D., Ph.D., D. Med Sci., J. Haljase, Ph.D., K.G.M. Moons, Ph.D. J. Stegger, M.D., F. Claw-Chupelon, Ph.D., M. C. Boutron-Rautit, Ph.D., J. Stegger, M.D., F. Claw-Chupelon, Ph.D., M. C. Boutron-Rautit, Ph.D., J. Palli, M.D., R. Tumino, M.D., P. Wines, M.D., M. P.H., S. Sente, Ph.D., D. Palli, M.D., R. Tumino, M.D., P. Wines, M.D., M.P. H., S. Sente, Ph.D., D. Palli, M.D., R. Tumino, M.D., P. Wines, M.D., M.P. H., S. Sente, Ph.D., D. Palli, M.D., G. Hallmans, M.D., Weinel, M.D., Ph.D., L. Marjer, M.D., Ph.D., B. Hedblad, M.D., Ph.D., E. Lund, M.D., Ph.D., J. M. Ryer, M.D., Ph.D., L. Arriole, Ph.D. A. Barkarten, Ph.D., C. Navarro, M.D., Ph.D., C. Marriote, Ph.D., I. Rovick, Ph.D. The NEW ENGLAND JOURNAL of MEDICINE

ORIGINAL ARTICLE

Body-Mass Index and Mortality in Korean Men and Women

Sun Ha Jee, Ph.D., Jae Woong Sull, Ph.D., Jungyong Park, Ph.D., Sang-Yi Lee, M.D., Heechoul Ohrr, M.D., Eliseo Guallar, M.D., Dr.P.H., and Jonathan M. Samet, M.D.

Does obesity affect outcome?

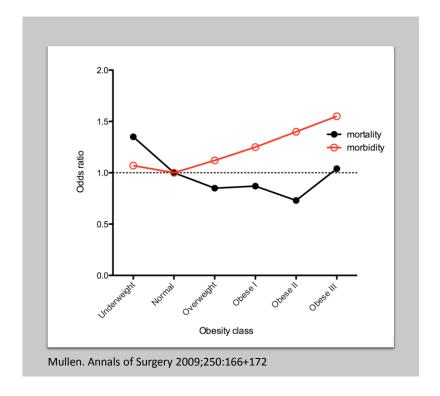
Obese having surgery

RETROSPECTIVE

UNDERPOWERED

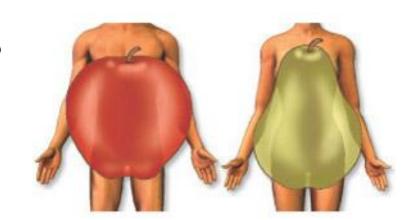
NO MENTION OF DEATH

Obesity Paradox



Patient Risk Factors

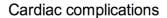
- BMI
- Waist circumference
- Waist/hip ratio
- Waist/height ratio

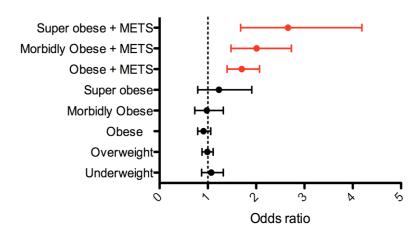


Metabolic Syndrome

Criteria	Essential	Central Obesity	Insulin Resistance	Lipid Profile	Hypertension	Others
WHO	DM or insulin resistance and 2 others	Waist to hip ratio: M>0.9, F>0.85		TAG≧150 mg/dl and/or HDL-C: M<35 mg/dl F<39 mg/dl	≧140/90	Urine albumin> 20 mcg/min
NCEP	Any three of the following	Waist circumference: M>102 cm F>88 cm	Fasting glucose ≧ 110 mg/dl	TAG≧150 mg/dl HDL-C: M<40 mg/dl F<50 mg/dl	SAP>130 DAP> 85	
IDF	Waist circumference and any 2 other risk factors	Waist circumference: M>94 cm F>80 cm	Fasting glucose ≧ 110 mg/dl or type II DM	HDL-C: M<40 mg/dl F<50 mg/dl or treatment for HDL dyslipidaemia	SAP>130 DAP> 85 or previous HTN treatment	

Implications of MET





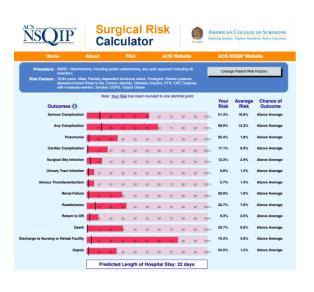
Obstructive Sleep Apnoea

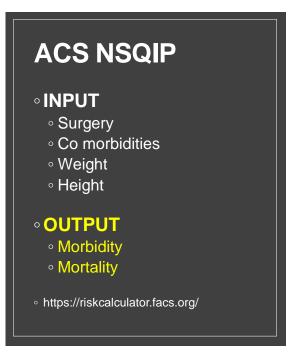
S	Snoring -do you snore loudly (louder than talking or heard through a door?)	Υ	N
Т	Tired -do you often feel tired or fatigued during the day?	Y	Ν
0	Observed - Has anyone observed you stop breathing during sleep?	Υ	N
P	Blood Pressure- Do you have or are you being treated for high blood pressure?	Υ	N
В	BMI > 35Kg/m2	Y	Ν
Α	Age : > 50	Υ	Ν
N	Neck : > 16cm	Y	N
G	Gender: male	Y	N

Risk Scoring Tools

P-POSSUM SORT LRCI

EOSS NSQIP ACS







OBESITY SURGERY MORTALITY RISK SCORE (OSMRS)

- BMI>50 kg/m²
- Hypertension
- Male
- Age>45
- PE risk

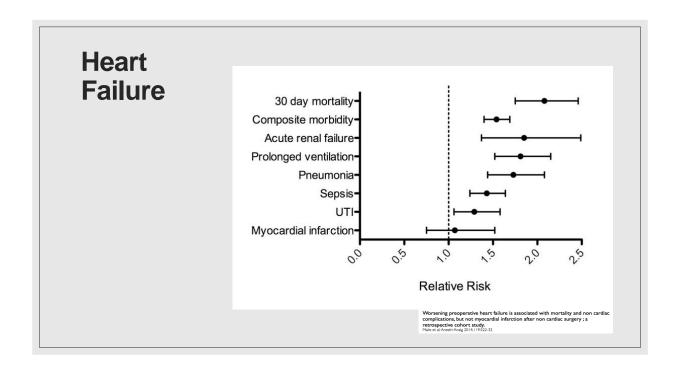
CLASS A 0-1 points

CLASS B 2-3 points

CLASS C 4-5 points

Class	De Maria 2007	De Maria 2009	Efthimiou 2009	Dimitrious 2010	Sarela 2011	Agrawal 2011	Mortality	No.of subjects
Α	0.31%	0.23%	0.36%	0%	0%	0%	0.26%	4912
В	1.9%	1.17%	1.49%	0.69%	0%	0%	1.33%	4124
С	7.56%	2.4%	3.08%	0%	6.67%	0%	4.34%	346
Total	1.49%	0.74%	0.8%	0.33%	0.26%	0%	0.88%	9382

OBESITY SURGERY MORTALITY RISK SCORE (OSMRS)

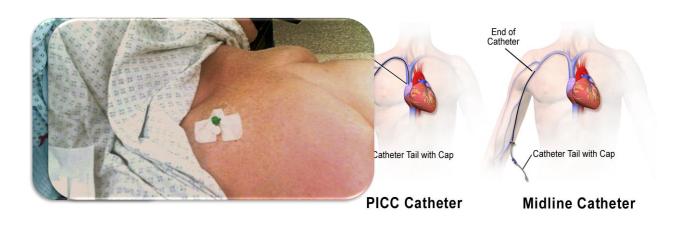


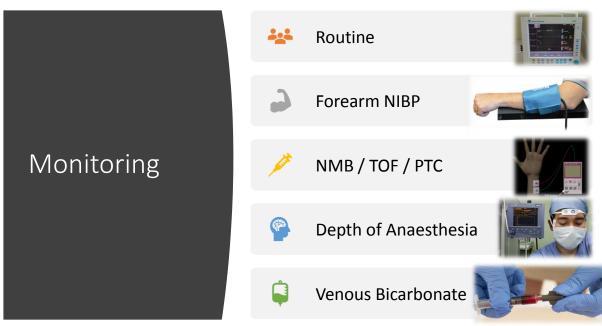
Where do we start?



- Movement walk
- Self-positioning
- Awareness ↓
- Double sets of kit
- Staff division

Vascular Access





Anaesthesia Volume 70, Issue 7 July 2015 Pages 859–876

Choice of anaesthetic technique







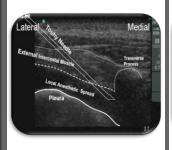


Regional blocks

- Awake
- Special equipment
- Mobility restricts ERAS
- Success issues
- NAP 4.....

2013 http://bariatrictimes.com/regional-anesthesiafor-bariatric-surgery/

BJ Pain Vol 13; 2: 106-111

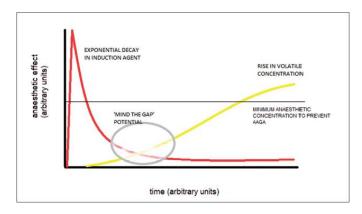






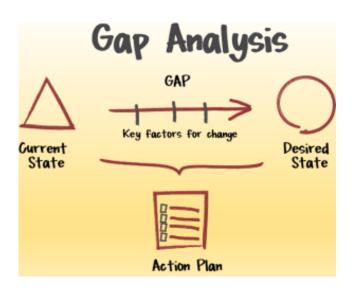




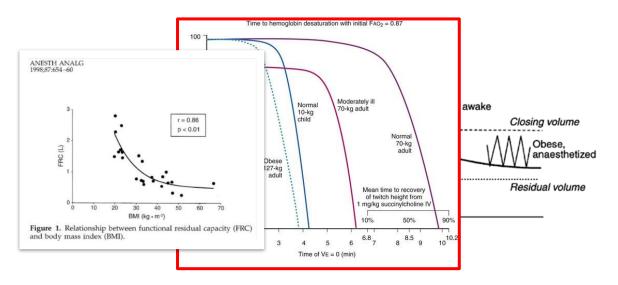




- Theatre for Induction
- Rocuronium Airway
- BMV ? not RSI
- Bolus Propofol for intubation
- DoA/EEG monitor from start



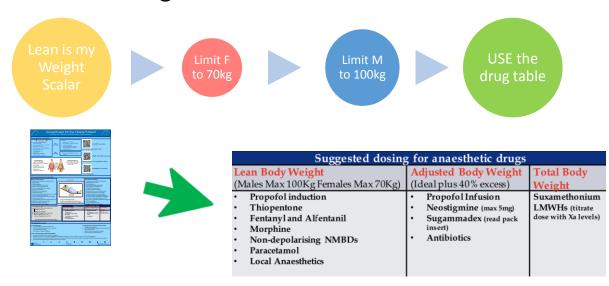
Some Respiratory Physiology

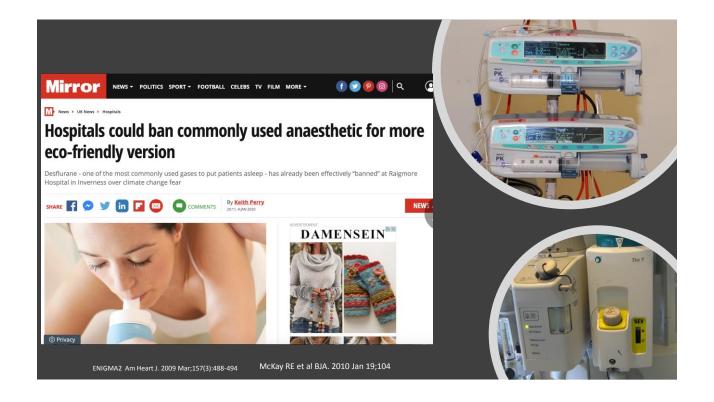






Correct Drug Doses

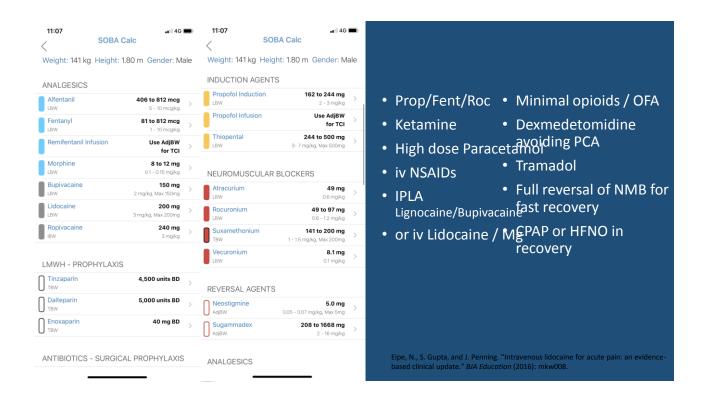


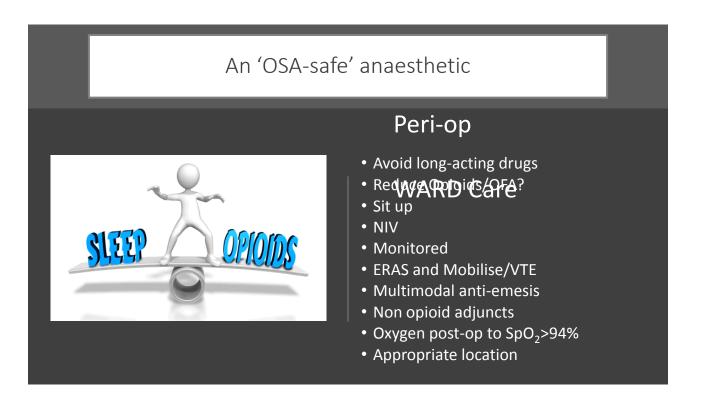














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PRE-OP RED FLAGS

RAMPED AIRWAY

LBW AND TITRATE

THEATRE INDUCTION

REVERSE NMB





MINIMIZE OPIOIDS

MOBILISE

Summary



Resources

- Single Sheet Guide
- AAGBI/SOBA UK Guidelines
- Core Topic Textbook
- Obesity Theatre DVD
- ESPCOP
- SOBA

www.espcop.org www.sobauk.com







Awake Tracheal Intubation Intrathoracic pathology Laryngotracheal surgery

Dr Mark Steven, Glasgow Mr Andrew Kinshuck, Aintree Dr Kariem El-Bogdadly, London Dr Andrew McKechnie, Lewisham

When: Friday 20th March 2020 Where: Royal College of Physicians Edinburgh 11 Queen Street, EH2 1JQ Time: 09:15-17:15

Fee: £140 Consultants (£120 early bird) £75 Trainees (£65 early bird) £40 AHPs / students

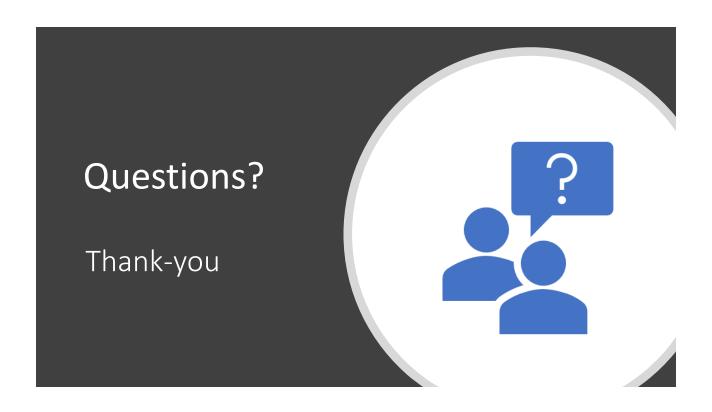
Early Bird Rate available to 31st January Abstracts: Details online Closing date 31st January Prizes for best poster and oral

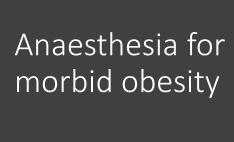
Online booking opening soon: www.scottishairwaygroup.co.uk 5 CPD points











Jon Redman SOBA Chairman RCOA Updates

Nottingham 2020

Royal College of Anaesthetists





Declarations

- Current SOBA Chairman
- MSD Honorarium