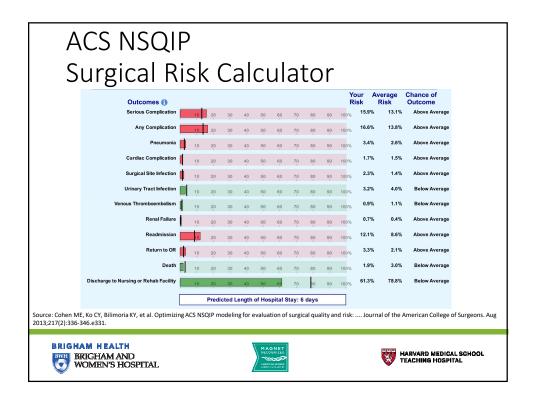
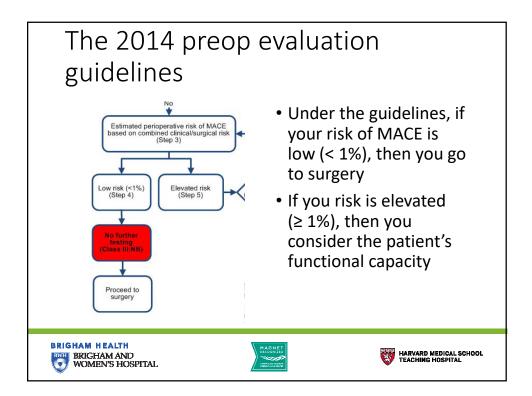


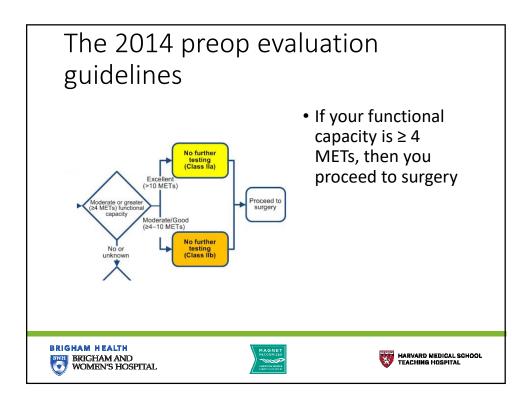
ACS NSQIP				
Surgical Risk Calculator				
ACS Risk Calculator - Patient Information				
Age Group Under 65 years ▼ Sex Male ▼	Diabetes 1 Insulin ▼ Hypertension requiring medication 1 Yes ▼			
Functional Status 🚯 Partially Dependent 🔻	Congestive Heart Failure in 30 days prior to surgery No			
Emergency Case 1	Dyspnea (i) With Moderate exertion ▼			
ASA Class () Severe systemic disease	Current Smoker within 1 Year 👔 No 🔻			
Steroid use for chronic condition <b>(</b> ) No ▼	History of Severe COPD 1			
Ascites within 30 days prior to surgery <b>1</b> No ▼	Dialysis (1) No •			
Systemic Sepsis within 48 hours prior to surgery 1	Acute Renal Failure 1			
Ventilator Dependent 🕕	BMI Calculation: 🚺			
No V	Height (in)			
Disseminated Cancer (1)	Weight (Ibs)			
Source: Cohen ME, Ko CY, Bilimoria KY, et al. Optimizing ACS NSQIP modeling for evaluation of surgical quality and risk: Journal of the American College of Surgeons. Aug 2013;217(2):336-346.e331.				
RWH REPORTANA ANICO	AGNET			

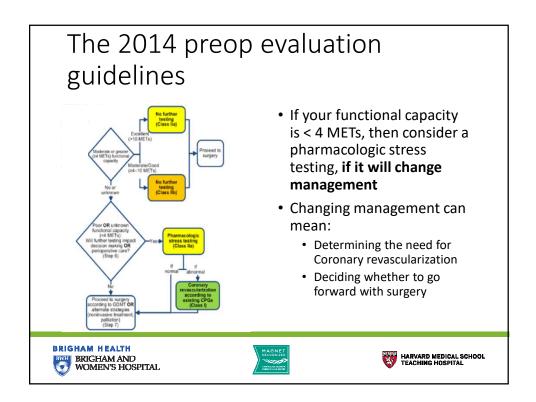


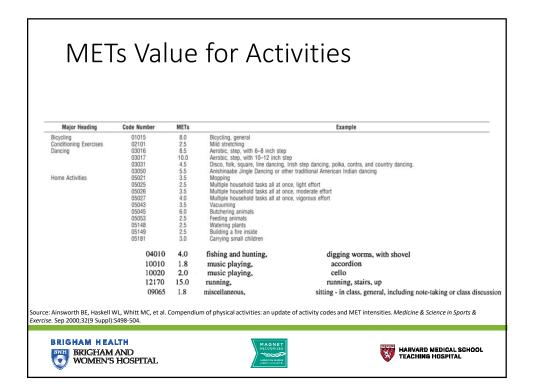
Perioperativ Calculator	e Cardiac Risk
Estimate risk of peri	operative myocardial infarction or cardiac arrest.
Age	
Creatinine	<1.5 mg/dL / 133 µmol/L
ASA Class	ASA 1
	ASA 1 = Normal healthy patient ASA 2 = Patients with mild systemic disease ASA 3 = Patients with severe systemic disease ASA 4 = Patients with severe systemic disease that is a constant threat to life ASA 5 = Moribund patients who are not expected to survive without the operation
Preoperative Function	Totally Independent
Procedure	Anorectal
	Submit
Source: Gupta PK, Gupta H, et al. Development and validation	of a risk calculator for prediction of cardiac risk after surgery. Circulation. Jul 26 2011;124(4):381-387.
BRIGHAM HEALTH BRIGHAM AND WOMEN'S HOSPITAL	HARVARD MEDICAL SCHOOL

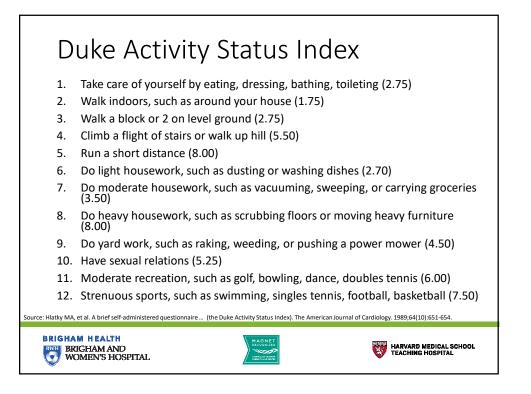
	Risk Assessment: RCRI				
	Risk Factor	Definition			
	1. High-risk type of surgery	Intraperitoneal, intrathoracic, or suprainguinal vascular procedures			
	2. Ischemic heart disease	History of MI, positive stress test, current cardiac CP, nitrate usage, ECG with pathologic Q waves			
	3. History of congestive heart failure	History of CHF, pulmonary edema, or PND; rales or S3 on exam; chest x-ray with pulmonary edema			
	4. History of cerebrovascular disease	History of transient ischemic attack or stroke			
	5. Insulin therapy for diabetes				
	6. Preoperative serum creatinine > 2.0 mg/dL				
<ul> <li>"A patient with 0 or 1 [RCRI] predictor(s) of risk would have a low risk of MACE. Patients with ≥ 2 predictors of risk would have elevated risk."</li> </ul> Durces: Lee TH, Marcantonio ER, Mangione CM, et al. Derivation and prospective validation of a simple index for prediction of cardiac risk of major noncardiac surgery. <i>inculation.</i> Sep 7 1999;100(10):1043-1049. eisher LA, Fleischmann KE, Auerbach AD, et al. 2014 ACC/AHA guideline on perioperative cardiovascular evaluation and managementCirculation.2014 Dec 130(24):e278-333.					
BR	BRIGHAM HEALTH BRIGHAM AND WOMEN'S HOSPITAL	HARVARD MEDICAL SCHOOL			

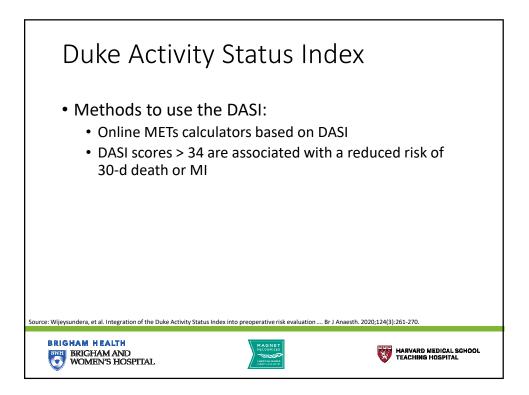


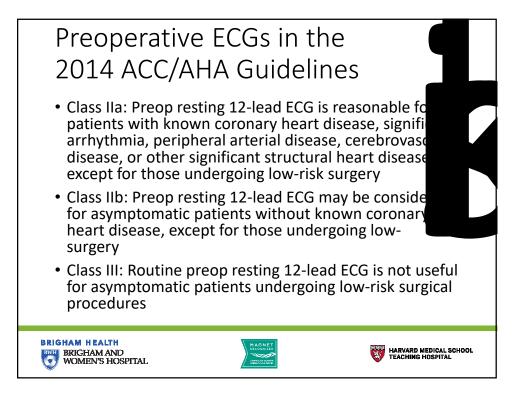


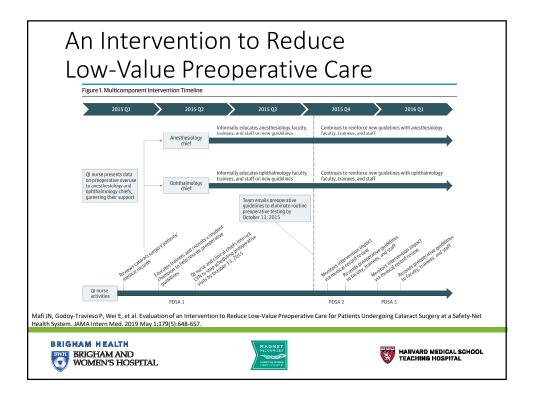


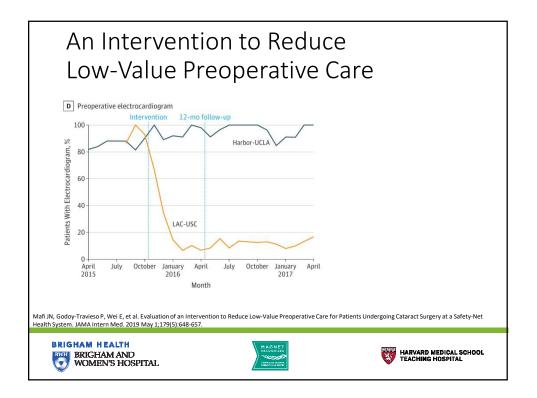


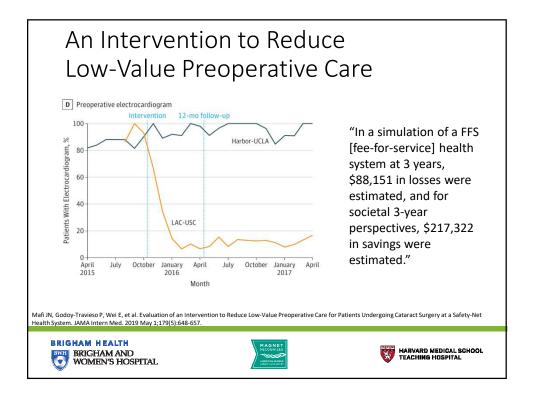


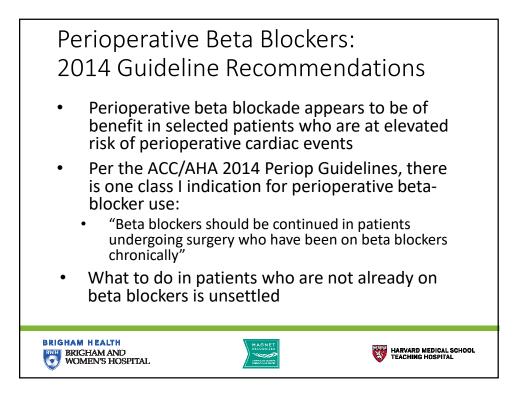


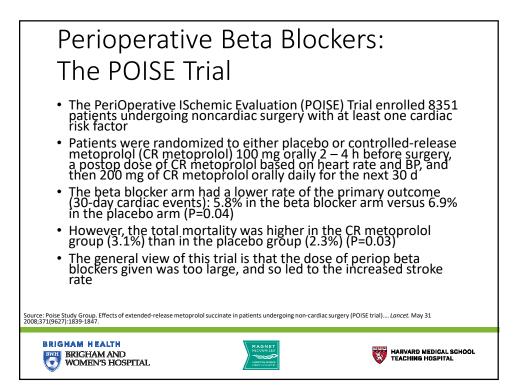


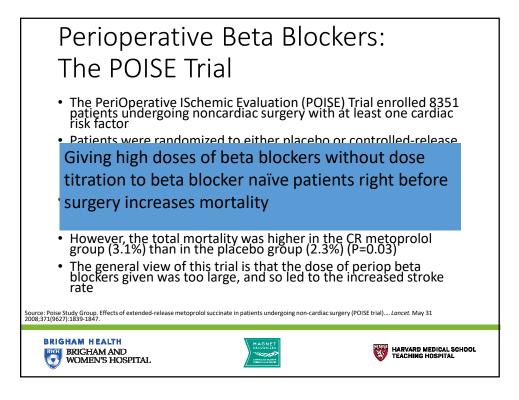


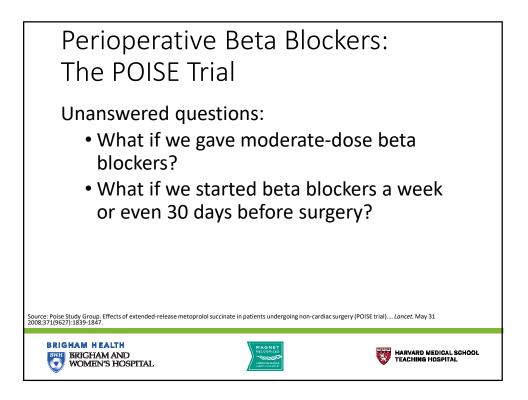


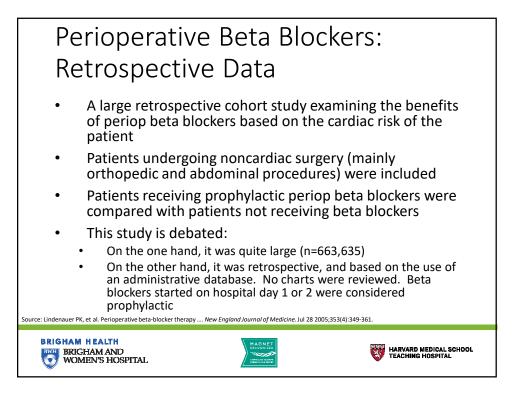


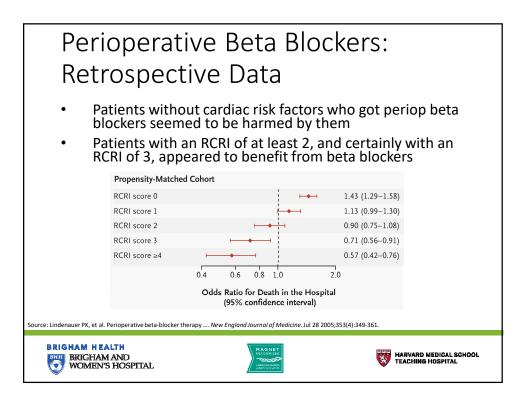


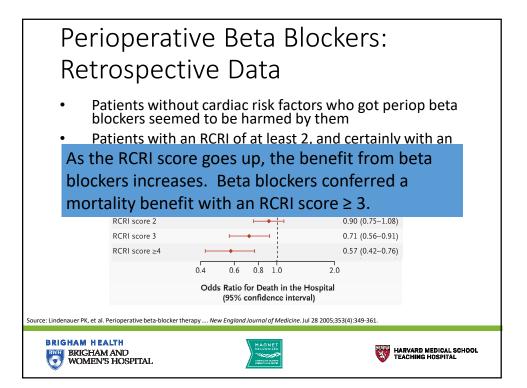


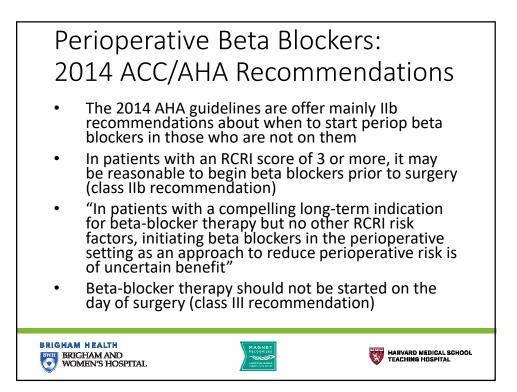


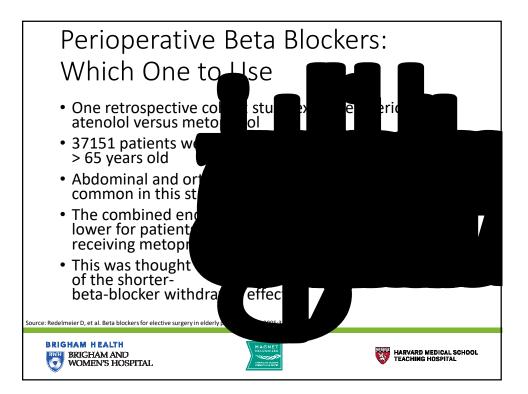










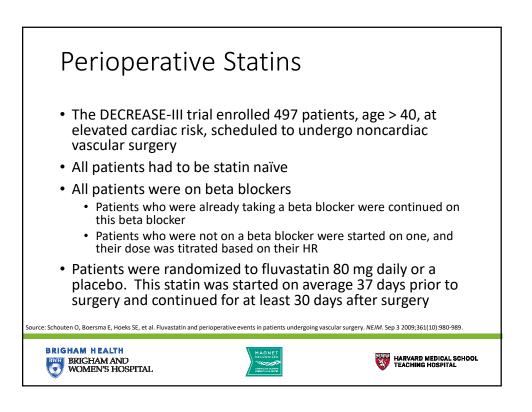


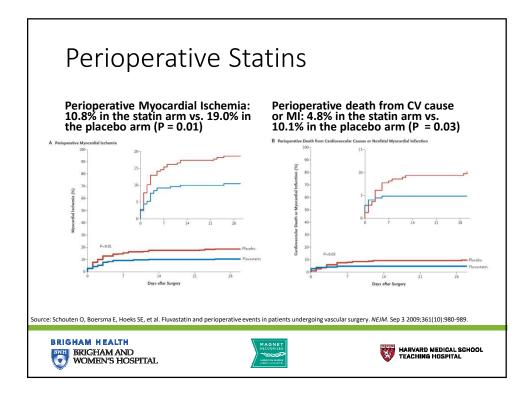


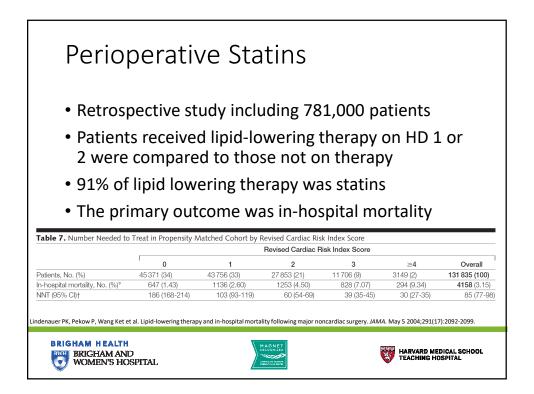
- In patients who are already on beta blockers, continue them on beta blockers perioperatively
- You want to avoid beta blocker withdrawal
- In patients not already on beta blockers with an RCRI score of ≥ 3 "it may be reasonable to begin beta blockers before surgery"
- If beta blocker are being started in preparation for surgery, you want to start them well ahead of surgery and not on the day of surgery

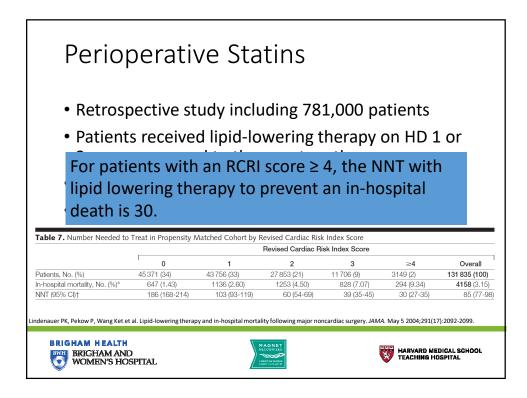
HARVARD MEDICAL SCHOOL

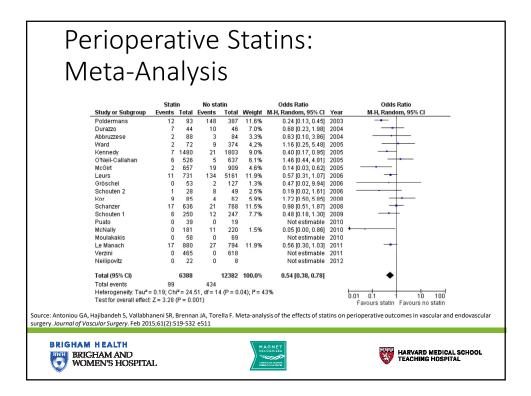


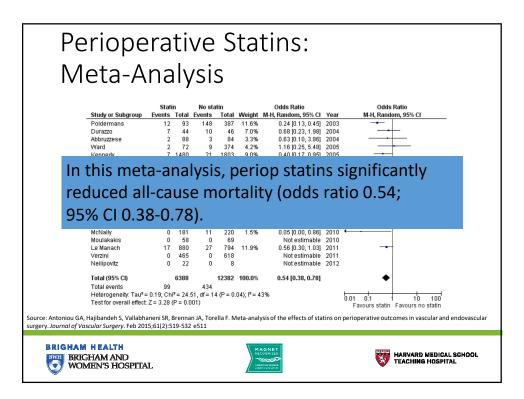


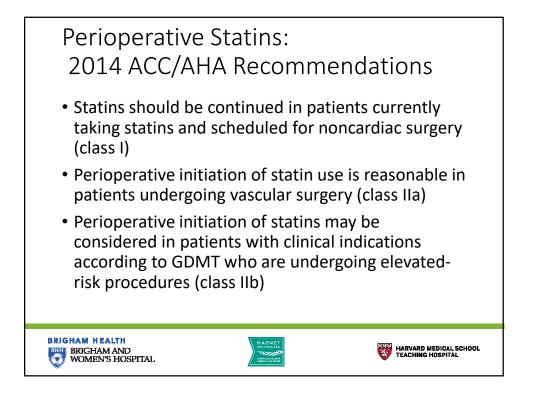


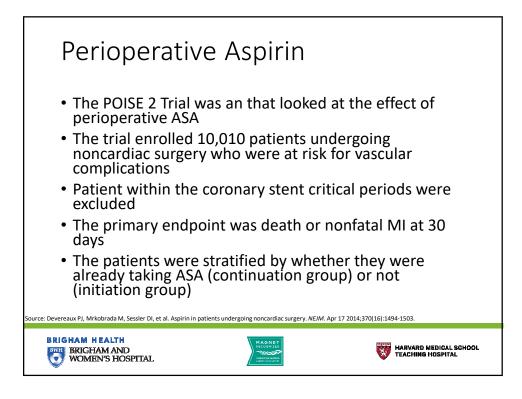


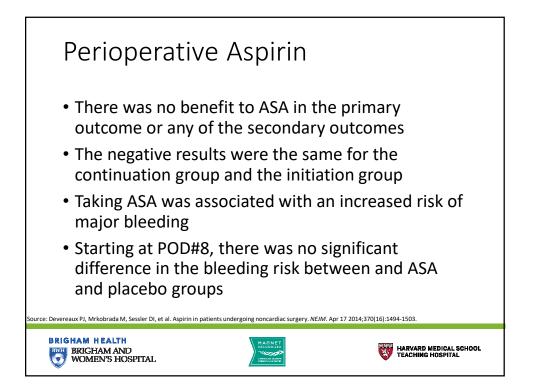


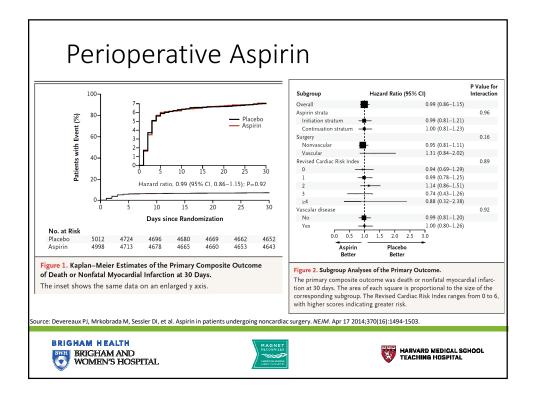


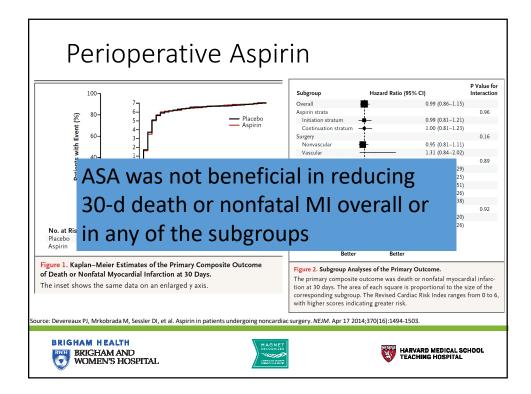


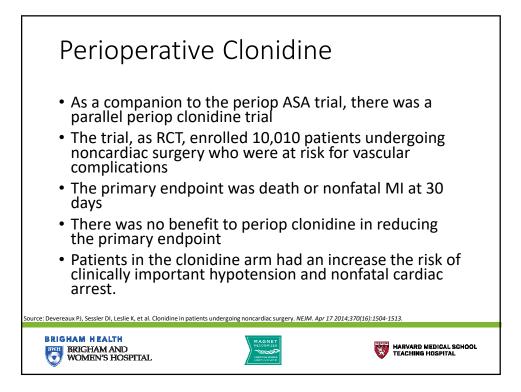


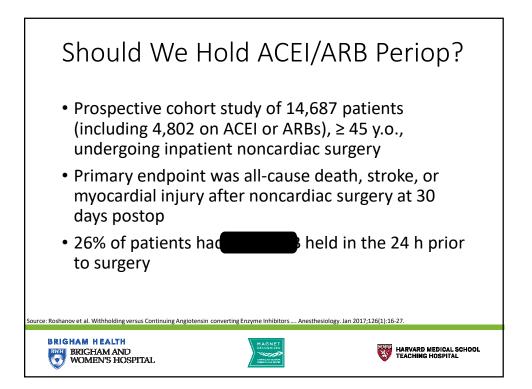


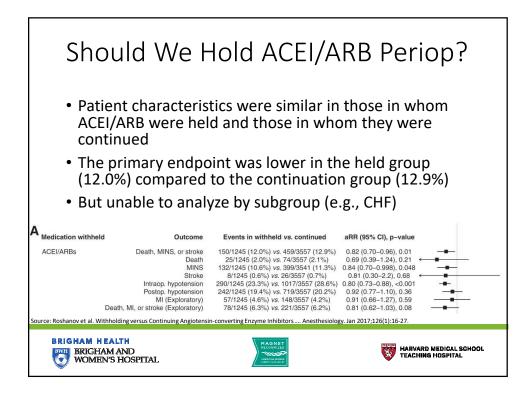


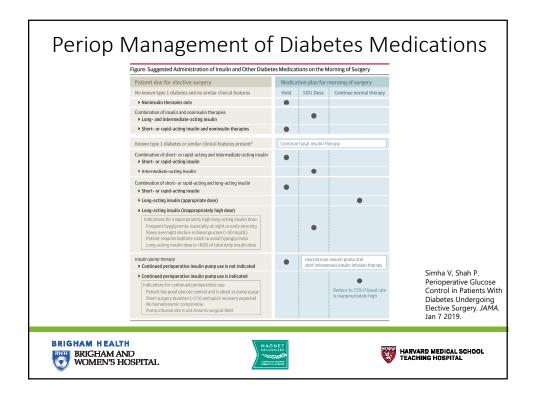


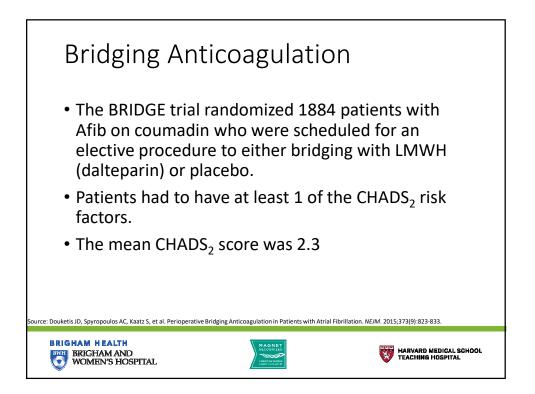


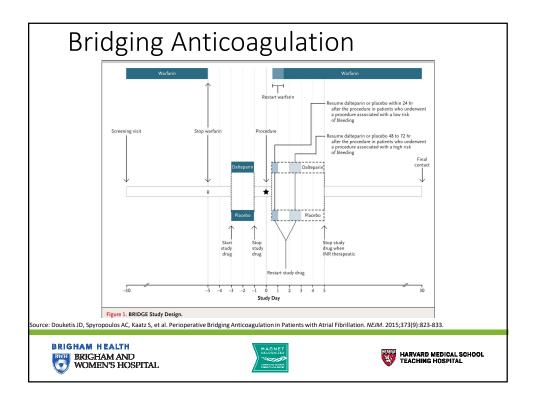






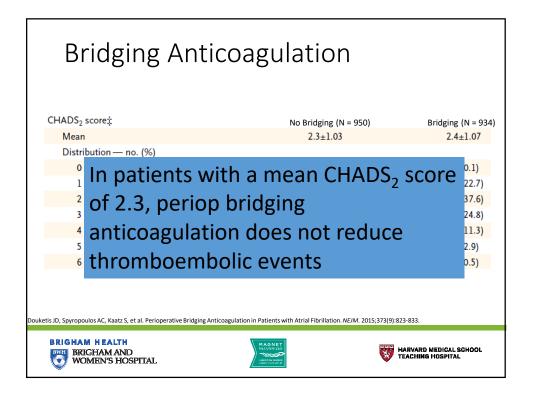


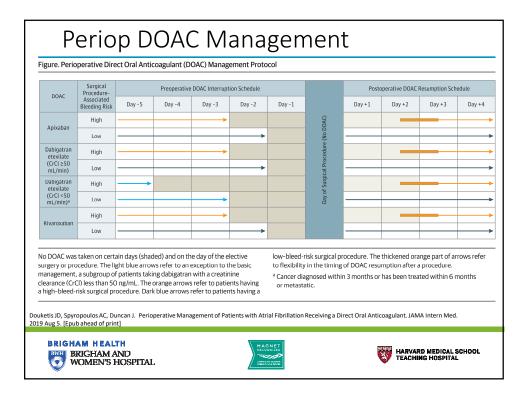


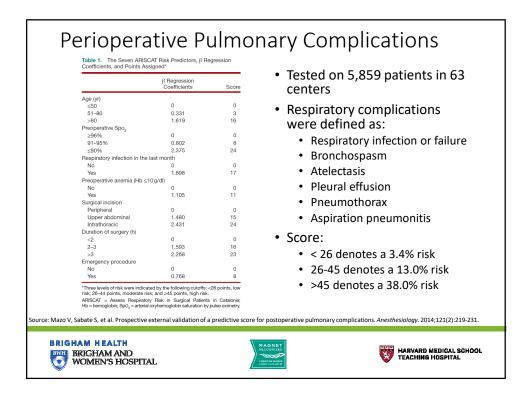


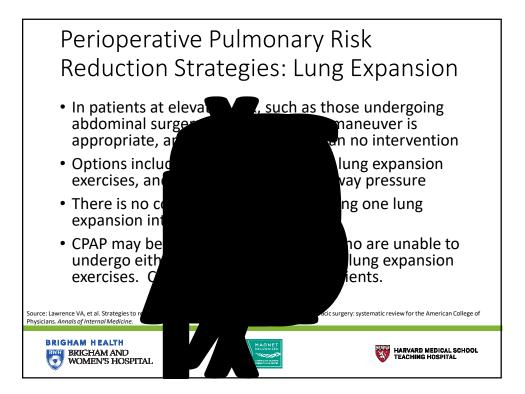
Outcome	No Bridging (N=918)	Bridging (N=895)	P Value
	number of patie	• •	. value
Primary	51		
Arterial thromboembolism	4 (0.4)	3 (0.3)	0.01*, 0.73†
Stroke	2 (0.2)	3 (0.3)	
Transient ischemic attack	2 (0.2)	0	
Systemic embolism	0	0	
Major bleeding	12 (1.3)	29 (3.2)	0.005†
Secondary			
Death	5 (0.5)	4 (0.4)	0.88†
Myocardial infarction	7 (0.8)	14 (1.6)	0.10†
Deep-vein thrombosis	0	1 (0.1)	0.25†
Pulmonary embolism	0	1 (0.1)	0.25†
Minor bleeding	110 (12.0)	187 (20.9)	<0.001†
* P value for noninferiority. † P value for superiority.			

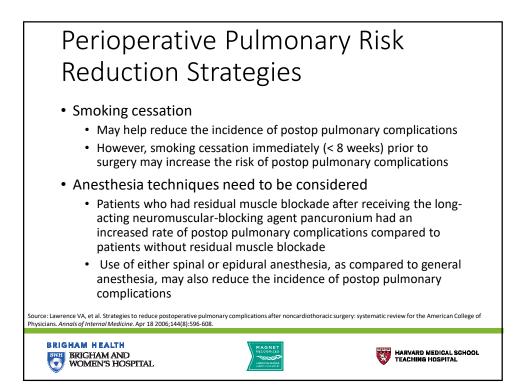
Bridging Anticoagulation					
CHADS <sub>2</sub> score <u>‡</u>	No Bridging (N = 950)	Bridging (N = 934)			
Mean	2.3±1.03	2.4±1.07			
Distribution — no. (%)					
0	1 (0.1)	1 (0.1)			
1	216 (22.7)	212 (22.7)			
2	382 (40.2)	351 (37.6)			
3	229 (24.1)	232 (24.8)			
4	96 (10.1)	106 (11.3)			
5	23 (2.4)	27 (2.9)			
6	3 (0.3)	5 (0.5)			
burce: Douketis JD, Spyropoulos AC, Kaatz S, et al. Perioperative Bridging Anticoagulation in Patients with Atrial Fibrillation. <i>NEIM</i> . 2015;373(9):823-833.					

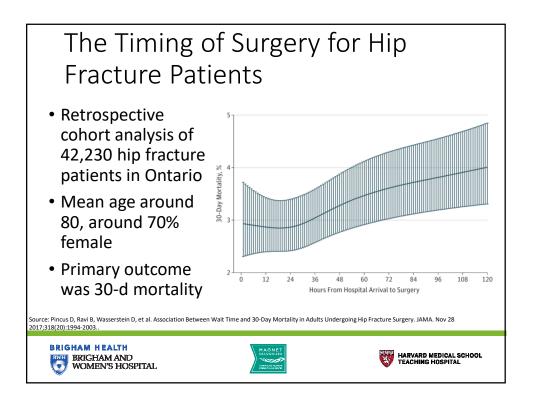


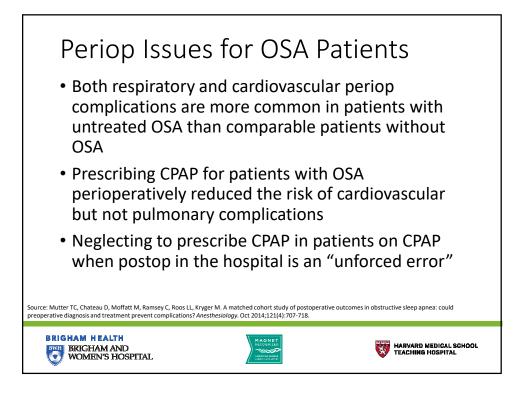


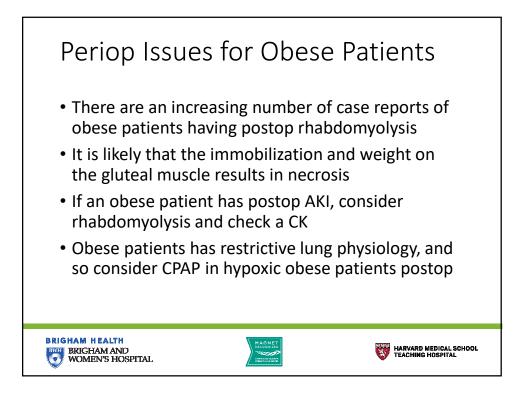


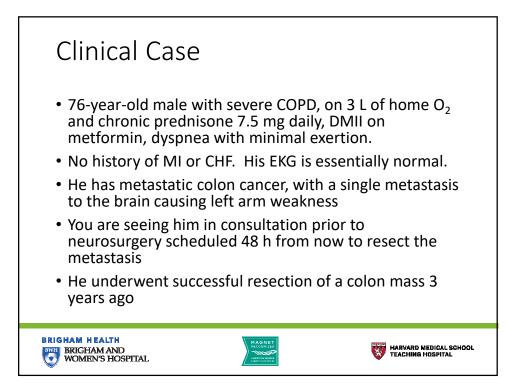












	see sector for secsion of brain tumor, suppretentional, except mengions Age: 73-84, Male, Partially dependent functional status, ASA III. Chronic steroords, Disseminated cance, Dabetes (molt. Dypose at exc. Submice. 2007)	Change Patient Risk	Factors
Outcomes		Estimated Risk	Chance of Outcome
Serious Complication	(2)	24%	Above Average
Any Complication	Image: A state of the state	33%	Above Average
Pneumonia	Image: A state of the state	7%	Above Average
Cardiac Complication	1.8%	2%	Above Average
Surgical Site Infection	0 I	2%	Above Average
Urinary Tract Infection	🐵 📕	4%	Above Average
Venous Thromboembolism	Image:	7%	Above Average
Renal Failure	I	1%	Above Average
Return to OR	0 <b>1</b>	7%	Above Average
Death		25%	Above Average
Discharge to Nursing or Rehab Facility	3	65%	Above Average
	0% (Better) Predicted Length of Hospital Stay: 7.5 day	100% (Worse) /5	
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