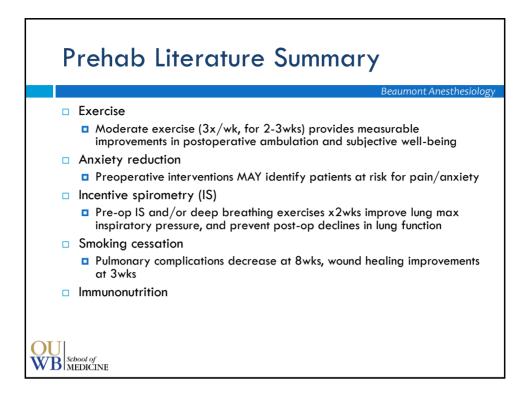
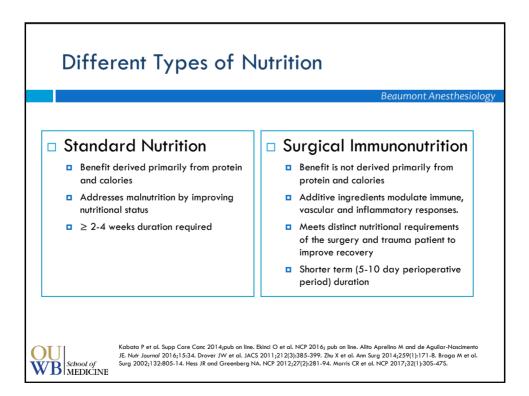
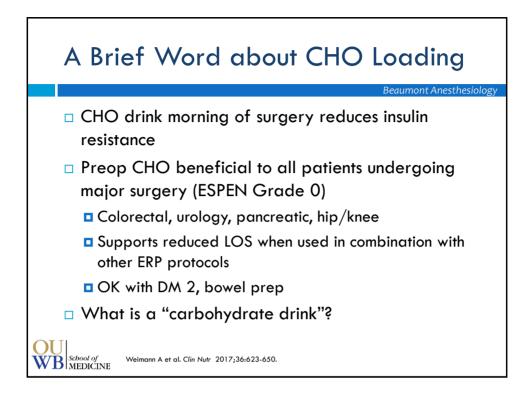
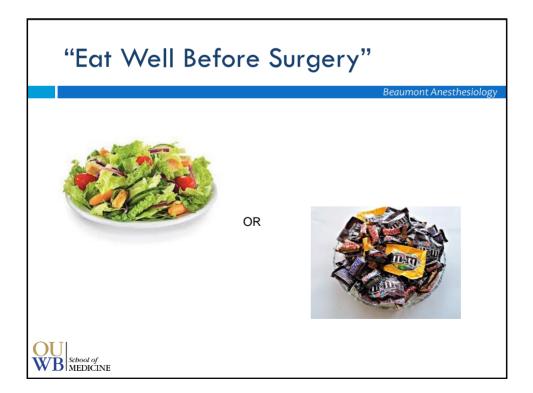


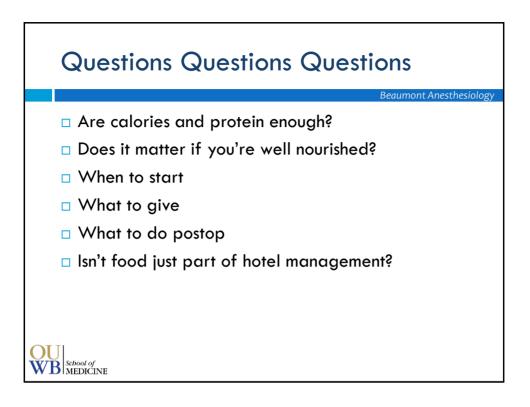
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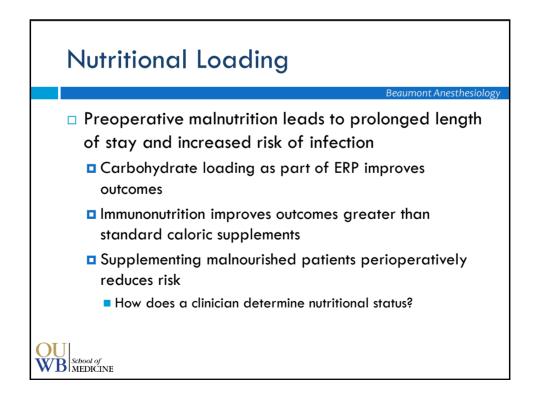


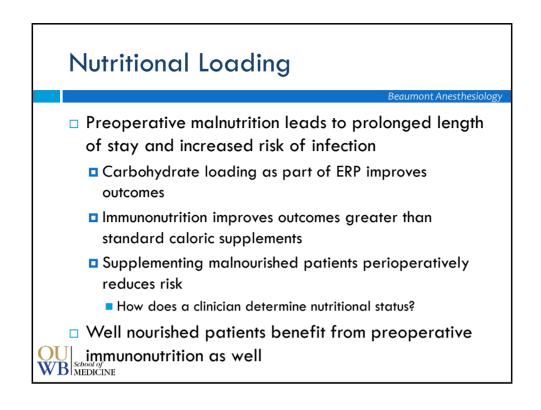


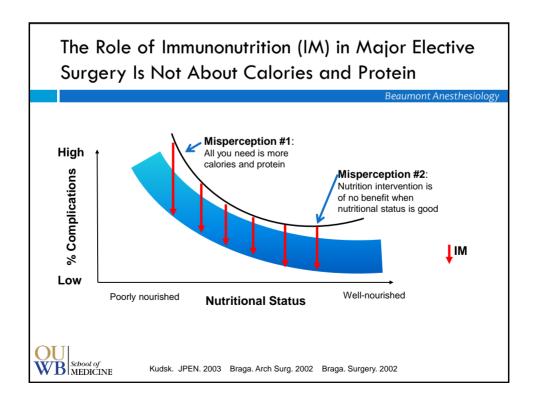


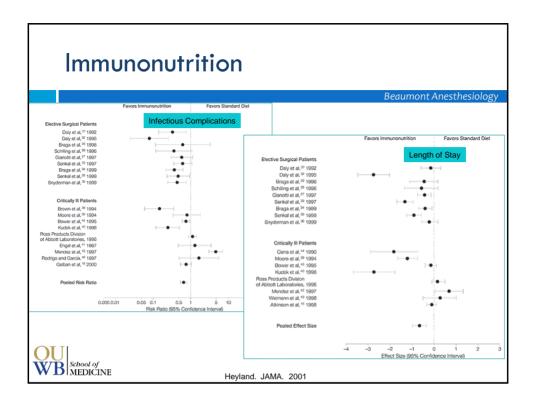


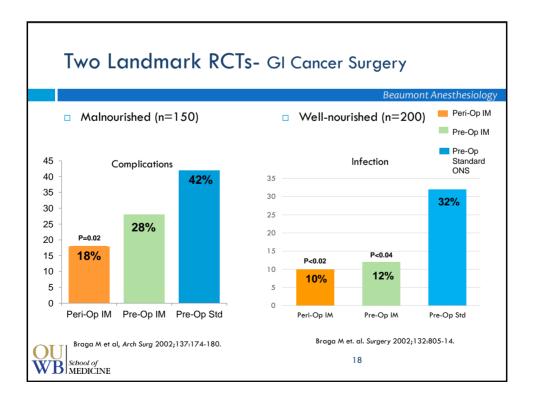


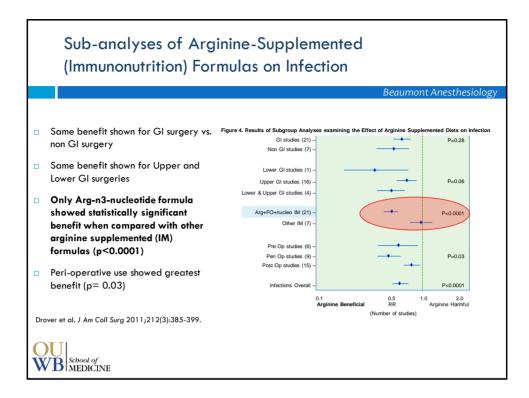


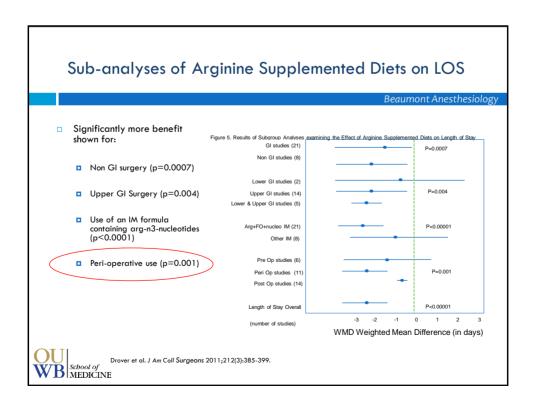


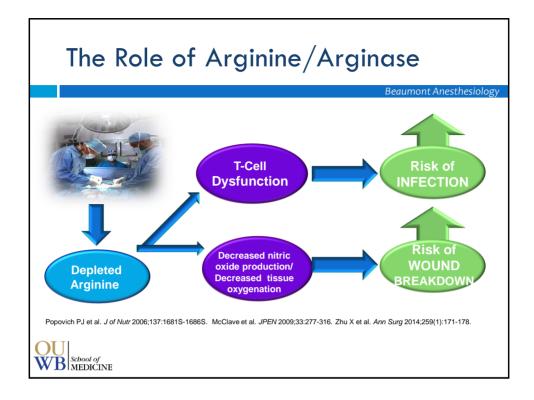


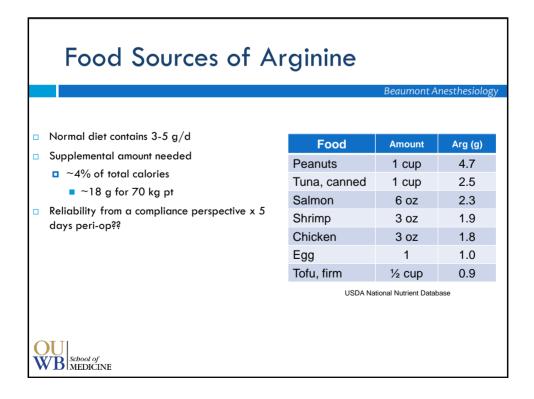




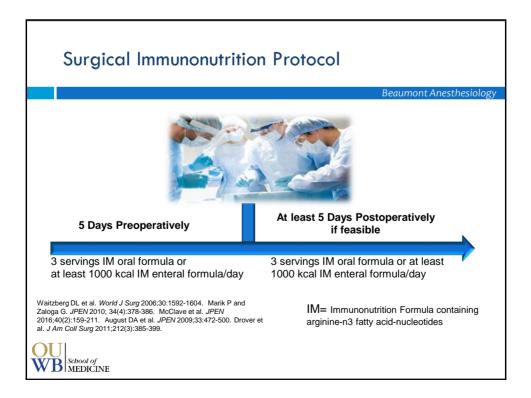




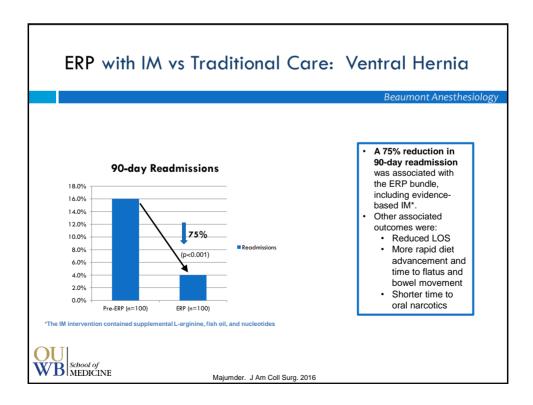


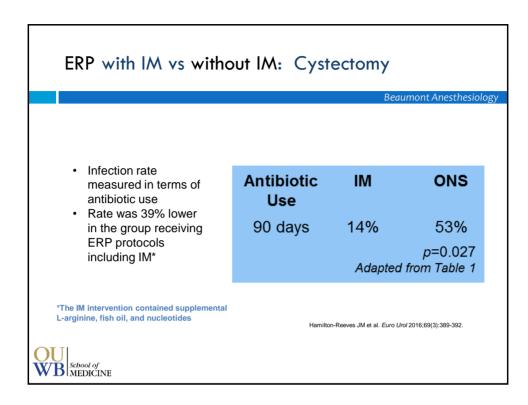


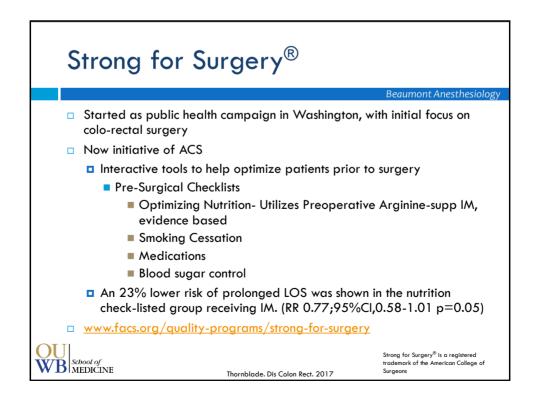
			Beaumont Anesthesio
	Society of Critical Care Medicine/ American Society of Enteral and Parenteral Nutrition- Critical Care	European Society of Enteral and Parenteral Nutrition- Surgery	American Society of Enteral and Parenteral Nutrition- Cancer
Population	Surgical and trauma patients (SICU)	Malnourished pts undergoing major surgery for cancer	Malnourished pts undergoing major surgery for cancer
Guideline (not expert consensus)	Immune-modulating formulas ( <u>arginine</u> and other agents including EPA, DHA, glutamine, nucleic acid) used <u>perioperatively</u>	Perioperative substrates (arginine, n3 and nucleotides)	Diets containing arginine, nucleic acid and EFA
1. McClave et al. JPEN 2016;4	0(2):159-211. 2. Weimann A et al. Clin N	lutr 2017;36:623-650. 3. August DA et al	. JPEN 2009;33:472-500.

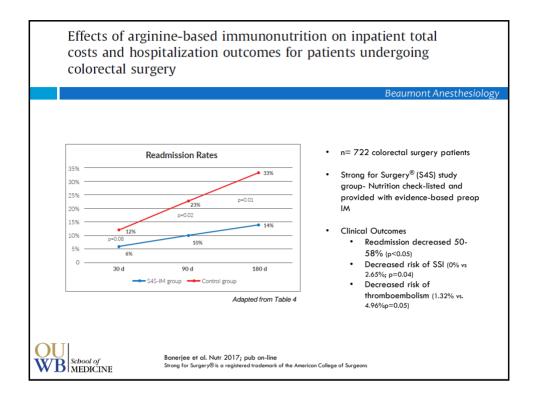


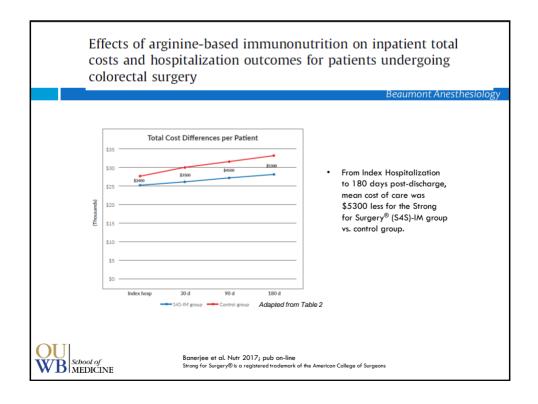
ERP with	IM vs. Tra	ditio	onal	Car	e: T	HA Beaumont Anesthesiolog
	Variable	Control Group		ACERTO Group		
		Mean	Median	Mean	Median	n -0.01
	LOS		6 days		3 days	p<0.01
	CRP (mg/L)					
	Preop	10.2	8	10.1	8	p=0.96
	Postop Day 2	80.6	79	66.5	66	p<0.01
	*The IM intervention c	ontained su	pplemental L	-arginine, fi	sh oil, and nu	cleotides
WB School of MEDICINE	Alito Apr	elino. Nut	rition Jourr	nal. 2016		

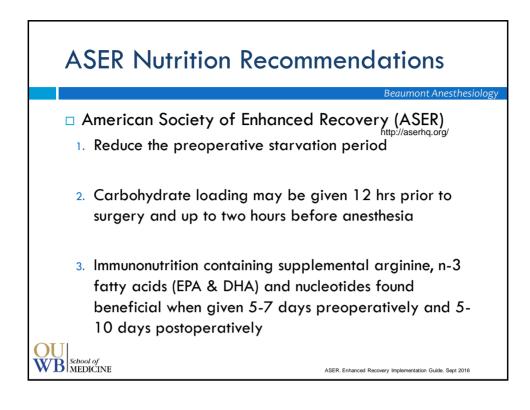


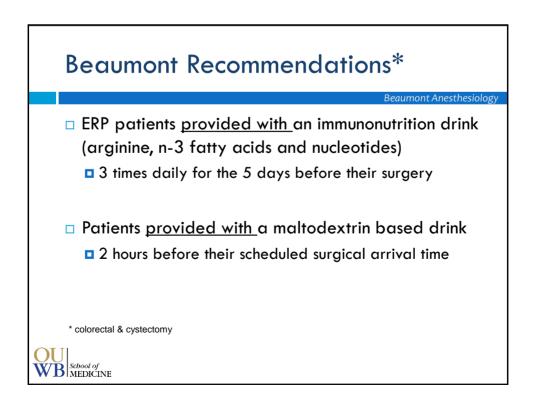


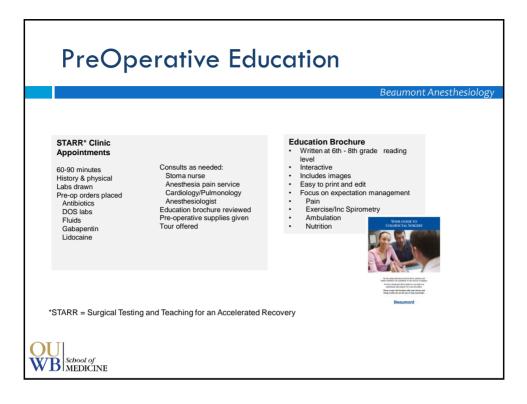


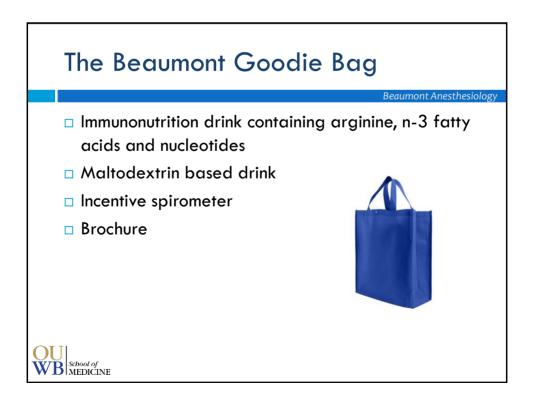












Be	aumont	Outcomes-	Len	gth c	-
					Beaumont Anesthesiology
		ERAS Colorectal			
		Discharge Month	Cases	Mean LOS (Obs)	
		Aug 2014 - Jul 2015 Aug 2015 - Oct 2016 Aug 2015 - Dec 2016	415 240 270	6.18 4.87 4.76	
		ERAS Cystectomy	210	4.70	
				Mean LOS	
		Discharge Month Oct 2014 - Sept 2015	Cases 24	(Obs) 8.29	
		Nov 2015 - Oct 2016 Nov 2015 - Dec 2016	12 13	6.67 6.54	
OU WB Scho	ol of DICINE				

	Beaumon			
Question	Prehabilitation Class Participant	Non-Prehabilitation Participant (Mean)	P-Value	
	(Mean)			
feel I was adequately prepared for my colorectal surgery	91.4	80.5	0.001	
feel I can actively participate in my own recovery	91.2	82.3	0.001	
feel my expectations for surgery were adequately met	90.6	82.3	0.005	
feel encouraged and enabled about my recovery	93.7	81.4	0.003	
feel I was physically/mentally prepared for my surgery	88.3	81.0	<0.001	
feel I was involved in the decision making about my surgical care	89.9	81.2	0.007	
understood the health information provided to me about ny surgery	91.3	82.3	<0.001	
feel I had the access to the information I needed about	91.0	81.8	<0.001	
ny surgery feel prepared to care for my own health after my surgery	89.1	81.1	0.001	

STTAR Clinic Patients- ERAS	Colorectal	·	STTAR Clinic Patients- ERAS C	vstectomy	
				i i	
Question/Domain	% Top Box	x %tile Rank	Question/Domain	% Top Box	%tile Ra
Overall Rating of Hospital	78.9%	79	Overall Rating of Hospital	100.0%	<del>9</del> 9
Nurse Communication	82.2%	68	Nurse Communication	100.0%	99
Nurses treat with courtesy/respect	93.1%	93	Nurses treat with courtesy/respect	100.0%	99
Nurses listen carefully to you	77.6%	52	Nurses listen carefully to you	100.0%	99
Nurses explain in way you understand	75.9%	47	Nurses explain in way you understand	100.0%	99
Doctor Communication	86.2%	84	Doctor Communication	100.0%	99
Doctors treat with courtesy/respect	93.1%	91	Doctors treat with courtesy/respect	100.0%	99
Doctors listen carefully to you	86.2%	88	Doctors listen carefully to you	100.0%	99
Doctors explain in way you understan	d 79.3%	68	Doctors explain in way you understand	100.0%	99
	Base	iine overali	percentile 66%		

