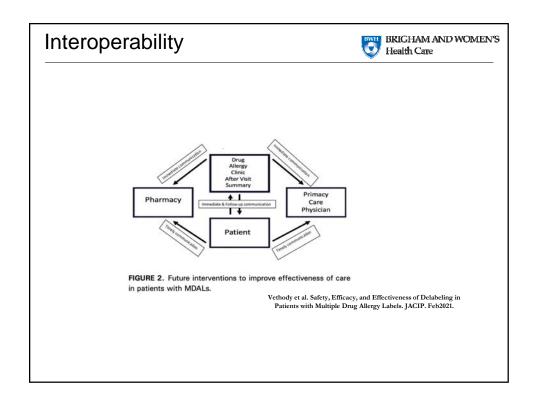
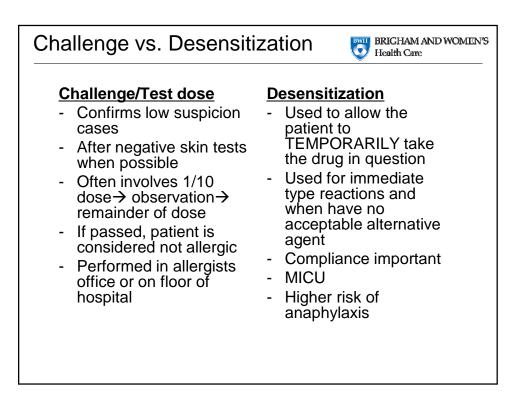
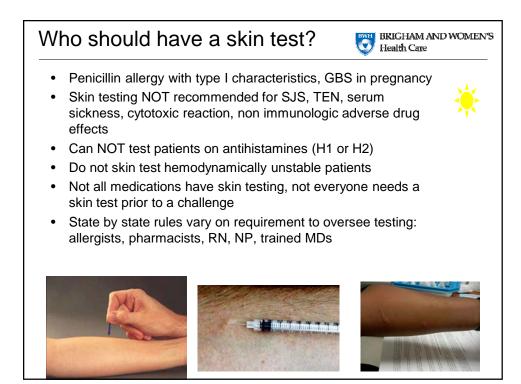


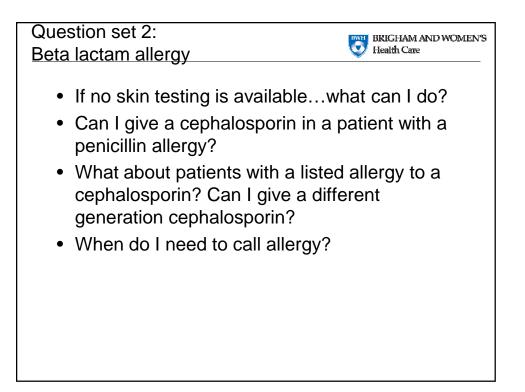
	e-labelling success		
TABLE II. Drug allergy labels tested versus labels Drug allergy labels tested	s removed from EHR Attempted delabeling strategy	No. of labels tested	No. of labels remove from EHR
Penicillin	Skin testing* and oral challenge	393	390
Cephalosporins	Skin testing and oral challenge	209	201
Trimethoprim-sulfamethoxazole or sulfonamide	Single or graded oral challenge	177	167
Fluoroquinolones	Skin testing and oral challenge	97	93
NSAIDs	Graded oral challenge	27	25
Vancomycin	Historical	12	12
Radiocontrast	Skin testing	18	18
Azithromycin	Single or graded oral challenge	10	10

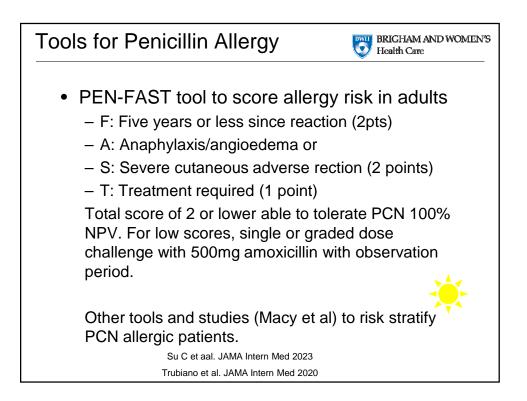


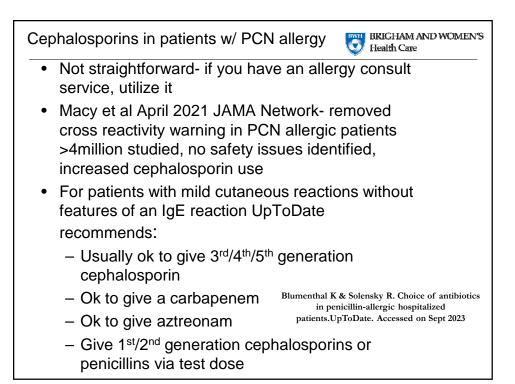


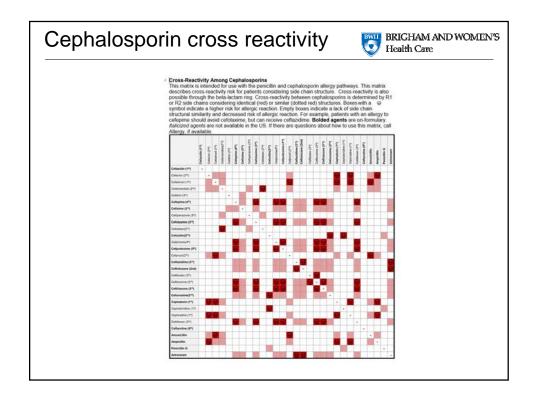


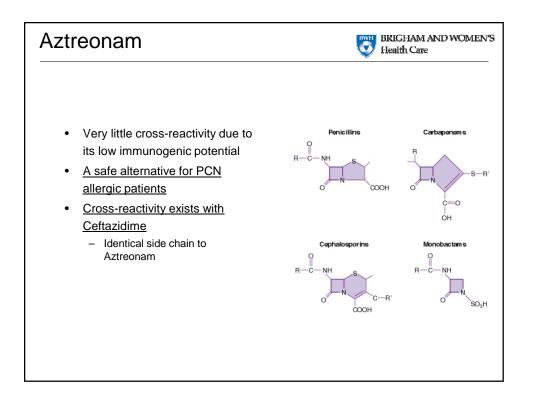
Antibiotic	SPT	п		ID					HRN/PATIENT NAM	IE/DOB/DOS
Azithromycin	100 mg/ml			ID).01 mg/ml				372	T-1	
□ Aztreonam	3 mg/ml	0.3 mg		3 mg/ml					10 be seen by MD	prior to start of test
Cefazolin	330 mg/ml	3 mg/n		33 mg/ml	Foods or Entire R	and Lane	man of a second	reachese T	ree nuts: 🗆 brazil nut	a deve d a second
Cefotaxime	100 mg/ml	1 mg/m		10 mg/ml	roou; U Enurer	abei Legu	mes. D peanut	a soyoean 1	ree nuts: 1) orazii nut	shellfish: a shrimp a lobster a cra
Ceftazidime	100 mg/ml	1 mg/n	1	10 mg/ml					odfish tuna salmo	
Cetriaxone	100 mg/ml	1 mg/n		10 mg/ml						strawberry apple orange
c Cefuroxime	100 mg/ml	I mg/n		10 mg/ml	Vegetables: II cor	n IT fomalo	ri white potato		lery D garlie D onion	riginaer
Ciprofloxacin	2 mg/ml	0.002 1		0.02 mg/ml	Meats: a beef a cl	icken 🗆 por			olk D baker's/brewer	
Clindamycin	150 mg/ml	1.5 mg	/ml	15 mg/ml						a years of standing
Cotrimoxazole		0.08 m).8 mg/ml	Fresh Food::					
Erythromycin*		0.005 1		0.05 mg/ml	1000 Contractor 100 C					
Gentamicin	40 mg/ml	0.4 mg		mg/ml	Corticosteroid	SPT	ID	ID	ID	
🗆 Imipenem	1 mg/ml	0.1 mg		mg/ml	Prednisone	1mg/ml				
Levofloxacin	25 mg/ml	0.0025		0.025 mg/ml	Prednisolone	4mg/ml				
Moxifloxacin	1.6 mg/ml	; 0.002 1).02 mg/ml	Depo-Medrol	40mg/ml	0.4mg/ml	4mg/ml		
D Tobramycin	40 mg/ml	0.4 mg		mg/ml	Solumedrol	40mg/ml	0.4mg/ml	4mg/ml		
D Vancomycin Ampicillin*	50 mg/ml	0.0005		0.005 mg/ml	Decadron	4mg/ml	0.04 mg/ml	0.4mg/ml		
D Naficillin	10 mg/ml 250 mg/ml	1 mg/n	1	0 mg/ml	D Solue-Cortef	100mg/ml		10mg/ml		
D Nationalian Penicillin G	250 mg/ml 10.000 u/m	0.0025		0.025 mg/ml	Celestone	6mg/ml	0.6mg/ml	6mg/ml	1220002020	
D Pre Pen	undiluted	undilut			Kenalog	10mg/ml	0.1 mg/ml	1 mg/ml	10mg/ml	
Ticarcillin	200 mg/ml	2 mg/m		lo mg/ml						
G Treatmin	woo mgana	a mgru		to mg/m	Local Anesthetic:	Prick FS II	0.1/100.1/10.1	es		
Chemotherapy	SPT	ID T	ID						aine 2%/3% 🗆 Cyclom	athuraina
D Avastin*	25mg/ml	0.25mg/ml	2.5mg/ml		D Hexylcaine D Pr	ocaine 10%	Pronaracaine	Ophthalmic 0	5% r Pronovycaine n	Tetracaine Ophthalmic 0.5%
carboplatin	10mg/ml	1mg/ml -	10mg/ml		Other (Amides):	Bupiyacai	n 0.25% 0.5%	0.75% Dib	ucaine Dyclonine	Etidocaine
D Cisplatin	Img/ml	0.1mg/ml	1mg/ml		□ Lidocaine 0.5%,	1%, 2% D N	fepivacaine 1%	6, 2% Praxomi	ne, Prilocaine	
Cytoxan	10mg/ml	1mg/ml	10mg/ml		Challenge:		if ST negative,	0.3 ml FS SC,	if negative 15 min. 1m	I FS SC
Oxaliplatin*	5mg/ml	0.5mg/ml	5mg/ml		and and the second					
Taxol*	1mg/ml	0.001mg/ml	0.01mg/m		General Anestheti		rick	ID	ID	ID
					II Etomidate	2	mg/ml	0.002 mg/r	nl 0.02 mg/ml	0.2 mg/ml
	and the second s				Fentanyl		0 ug/ml	0.05 ug/ml		5ug/ml
	SPT	ID	ID	ID	Midazolam		mg/ml	0.005 mg/r		0.5 mg/ml
Biologics		0.025 mg/ml	0.25 mg/m		D Pancuronium		mg/ml	0.002 mg/r		0.2 mg/ml
 Abatacept* 	25 mg/ml					1	0 mg/ml	0.01 mg/m		1 mg/ml
Abatacept* Copaxone	20 mg/ml	0.02 mg/ml	0.2 mg/ml	2mg/ml	Propofol					0.1 mg/ml
Abatacept* Copaxone Etanecept	20 mg/ml 50 mg/ml	0.02 mg/ml 0.05 mg/ml	0.5 mg/ml	5mg/ml	Succinylcholine	2	0 mg/ml	0.001 mg/r		
 Abatacept* Copaxone Etanecept Infliximab* 	20 mg/ml 50 mg/ml 10 mg/ml	0.02 mg/ml 0.05'mg/ml 0.1 mg/ml	0.5 mg/ml 1 mg/ml	5mg/ml	 Succinylcholine Thiopental 	2	5 mg/ml	0.025 mg/n	nl 0.25 mg/ml	2.5 mg/ml
Abatacept* Copaxone Etanecept Infliximab* Methotrexate	20 mg/ml 50 mg/ml 10 mg/ml 25 mg/ml	0.02 mg/ml 0.05'mg/ml 0.1 mg/ml 0.25 mg/ml	0.5 mg/ml 1 mg/ml 2.5 mg/ml	5mg/ml 	Succinylcholine	2			nl 0.25 mg/ml	
Abatacept* Copaxone Etanecept Infliximab* Methotrexate Rebif	20 mg/ml 50 mg/ml 10 mg/ml 25 mg/ml 22mcg/ml	0.02 mg/ml 0.05'mg/ml 0.1 mg/ml 0.25 mg/ml 0.022mcg/ml	0.5 mg/ml 1 mg/ml 2.5 mg/ml 0.22 mcg/r	5mg/ml nl 2.2 mcg/ml	 Succinylcholine Thiopental Vecuronium* 	2 2 4	5 mg/ml mg/ml	0.025 mg/r 0.004 mg/r	ni 0.25 mg/ml nl 0.04 mg/ml	2.5 mg/ml 0.4 mg/ml
 Abatacept* Copaxone Etanecept Infliximab* Methotrexate Rebif Rituximab* 	20 mg/ml 50 mg/ml 10 mg/ml 25 mg/ml 22mcg/ml 10 mg/ml	0.02 mg/ml 0.05'mg/ml 0.1 mg/ml 0.25 mg/ml 0.022mcg/ml 0.01 mg/ml	0.5 mg/ml 1 mg/ml 2.5 mg/ml 0.22 mcg/r 0.1 mg/m	5mg/ml nl 2.2 mcg/ml 1 mg/ml	 Succinylcholine Thiopental Vecuronium* Progesterone: 	2 2 4 SP: Progest	5 mg/ml mg/ml erone 50mg/ml	0.025 mg/r 0.004 mg/r in Benzyl Alo	nl 0.25 mg/ml nl 0.04 mg/ml ohol and Benzyl Alcoh	2.5 mg/ml 0.4 mg/ml ol; ID 1/1000, 1/100, 1/10
Abatacept* Copaxone Etanecept Infliximab* Methotrexate Rebif	20 mg/ml 50 mg/ml 10 mg/ml 25 mg/ml 22mcg/ml	0.02 mg/ml 0.05'mg/ml 0.1 mg/ml 0.25 mg/ml 0.022mcg/ml	0.5 mg/ml 1 mg/ml 2.5 mg/ml 0.22 mcg/r	5mg/ml nl 2.2 mcg/ml	 Succinylcholine Thiopental Vecuronium* Progesterone: Ferrlecit*: SP: 	2 2 4 SP: Progest 12.5 mg/ml;	5 mg/ml mg/ml erone 50mg/ml ID: 0.0125 ms	0.025 mg/r 0.004 mg/r in Benzyl Alc g/ml, 0.125 mg	nl 0.25 mg/ml nl 0.04 mg/ml ohol and Benzyl Alcoh /ml, 1.25 mg/ml/DO N6	2.5 mg/ml 0.4 mg/ml ol; ID 1/1000, 1/100, 1/10 DT TEST TO VENOPER)
 Abatacept* Copaxone Etanecept Infliximab* Methotrexate Rebif Rituximab* Trastuzumab* 	20 mg/ml 50 mg/ml 10 mg/ml 25 mg/ml 22mcg/ml 10 mg/ml 21 mg/ml	0.02 mg/ml 0.05 mg/ml 0.1 mg/ml 0.25 mg/ml 0.022mcg/ml 0.01 mg/ml 0.21 mg/ml	0.5 mg/ml 1 mg/ml 2.5 mg/ml 0.22 mcg/r 0.1 mg/ml 2.1 mg/ml	5mg/ml nl 2.2 mcg/ml 1 mg/ml	 Succinylcholine Thiopental Vecuronium* <u>Progesterone:</u> <u>Ferrlecit*:</u> SP: Insulin: SP undikt 	2 2 4 SP: Progest 12.5 mg/ml; ted, ID: 1:1	5 mg/ml mg/ml erone 50mg/ml ID: 0.0125 mg 000, 1:100 and	0.025 mg/r 0.004 mg/r in Benzyl Alc g/ml, 0.125 mg l 1:10 D Apidr	nl 0.25 mg/ml nl 0.04 mg/ml ohol and Benzyl Alcoh /ml, 1.25 mg/ml(DO NG a 🗆 Humalog 🗆 Humul	2.5 mg/ml 0.4 mg/ml ol; ID 1/1000, 1/100, 1/10 DT TEST TO VENOPER)
Abatacept* Copaxone Etanccept Infliximab* Methotrexate Rebif Rituximab* Trastuzumab* Venom: Entire	20 mg/ml 50 mg/ml 10 mg/ml 25 mg/ml 22mcg/ml 10 mg/ml 21 mg/ml	0.02 mg/ml 0.05 mg/ml 0.1 mg/ml 0.25 mg/ml 0.022mcg/ml 0.01 mg/ml 0.21 mg/ml Honey Bee	0.5 mg/ml 1 mg/ml 2.5 mg/ml 0.22 mcg/n 0.1 mg/ml 2.1 mg/ml Wasp	Smg/ml nl 2.2 mcg/ml 1 mg/ml 	 Succinylcholine Thiopental Vecuronium* Progesterone: Ferrlecit*: SP: 	2 2 4 SP: Progest 12.5 mg/ml; ted, ID: 1:1	5 mg/ml mg/ml erone 50mg/ml ID: 0.0125 mg 000, 1:100 and	0.025 mg/r 0.004 mg/r in Benzyl Alc g/ml, 0.125 mg l 1:10 D Apidr	nl 0.25 mg/ml nl 0.04 mg/ml ohol and Benzyl Alcoh /ml, 1.25 mg/ml(DO NG a 🗆 Humalog 🗆 Humul	2.5 mg/ml 0.4 mg/ml ol; ID 1/1000, 1/100, 1/10 DT TEST TO VENOPER)
 Abatacept* Copaxone Etanecept Infliximab* Methotrexate Rebif Rituximab* Trastuzumab* 	20 mg/ml 50 mg/ml 10 mg/ml 25 mg/ml 22mcg/ml 10 mg/ml 21 mg/ml	0.02 mg/ml 0.05 mg/ml 0.1 mg/ml 0.25 mg/ml 0.022mcg/ml 0.01 mg/ml 0.21 mg/ml Honey Bee	0.5 mg/ml 1 mg/ml 2.5 mg/ml 0.22 mcg/n 0.1 mg/ml 2.1 mg/ml Wasp	Smg/ml nl 2.2 mcg/ml 1 mg/ml 	 Succinylcholine Thiopental Vecuronium* <u>Progesterone:</u> <u>Ferrlecit*</u>; SP: <u>Insulin</u>; SP undikt Lantus - Levem 	2 2 4 SP: Progest 12.5 mg/ml; ted, ID: 1:1	5 mg/ml mg/ml erone 50mg/ml ID: 0.0125 mg 000, 1:100 and	0.025 mg/r 0.004 mg/r in Benzyl Alc g/ml, 0.125 mg l 1:10 D Apidr	nl 0.25 mg/ml nl 0.04 mg/ml ohol and Benzyl Alcoh /ml, 1.25 mg/ml(DO NG a 🗆 Humalog 🗆 Humul	2.5 mg/ml 0.4 mg/ml ol; ID 1/1000, 1/100, 1/10 DT TEST TO VENOPER)
Abatacept* Copaxone Etanecept Infliximab* Methotrexate Rebif Rituximab* Trastuzumab* Venom: Entire White Faced Ho	20 mg/ml 50 mg/ml 10 mg/ml 25 mg/ml 22mcg/ml 10 mg/ml 21 mg/ml e Panel met Yell-	0.02 mg/ml 0.05 mg/ml 0.1 mg/ml 0.25 mg/ml 0.022mcg/ml 0.01 mg/ml 0.21 mg/ml Honey Bee	0.5 mg/ml 1 mg/ml 2.5 mg/ml 0.22 mcg/r 0.1 mg/m 2.1 mg/ml Wasp I'ellow Jacket	Smg/ml nl 2.2 mcg/ml 1 mg/ml 	 Succinylcholine Thiopental Vecuronium* <u>Progesterone:</u> <u>Ferrlecit*:</u> SP: Insulin: SP undikt 	2 2 4 SP: Progest 12.5 mg/ml; ted, ID: 1:1 ir □ Novolir	5 mg/ml mg/ml ID: 0.0125 mg 000, 1:100 and 1 R Novolin S	0.025 mg/r 0.004 mg/r i in Benzyl Alc g/ml, 0.125 mg I 1:10 D Apidr N D sterile dilu	ni 0.25 mg/ml nl 0.04 mg/ml ohol and Benzyl Alcoh /ml, 1.25 mg/ml(DO N a 🗆 Humalog 🗆 Humul ent	2.5 mg/ml 0.4 mg/ml wl; ID 1/1000, 1/100, 1/10 07 TEST TO VENOFER) lin R 🛛 Humulin N
Abatacept* Copaxone Etanecept Infliximab* Methotrexate Rebif Rituximab* Trastuzumab* Venom: White Faced Ho Environmental:	20 mg/ml 50 mg/ml 10 mg/ml 25 mg/ml 22mcg/ml 10 mg/ml 21 mg/ml e Panel met Yell-	0.02 mg/ml 0.05 mg/ml 0.1 mg/ml 0.25 mg/ml 0.022mcg/ml 0.01 mg/ml 0.21 mg/ml 0.21 mg/ml T Panel, ID TBI	0.5 mg/ml 1 mg/ml 2.5 mg/ml 0.22 mcg/n 0.1 mg/ml 2.1 mg/ml Wasp d'ellow Jacket D after SPT	Smg/ml 1 mg/ml 	 Succinylcholine Thiopental Vecuronium* <u>Progesterone:</u> <u>Ferrlecit*</u>; SP: <u>Insulin</u>; SP undikt Lantus - Levem 	2 2 4 SP: Progest 12.5 mg/ml; ted, ID: 1:1 ir □ Novolir	5 mg/ml mg/ml ID: 0.0125 mg 000, 1:100 and 1 R Novolin S	0.025 mg/r 0.004 mg/r i in Benzyl Alc g/ml, 0.125 mg I 1:10 D Apidr N D sterile dilu	nl 0.25 mg/ml nl 0.04 mg/ml ohol and Benzyl Alcoh /ml, 1.25 mg/ml(DO NG a 🗆 Humalog 🗆 Humul	2.5 mg/ml 0.4 mg/ml wl; ID 1/1000, 1/100, 1/10 07 TEST TO VENOFER) lin R 🛛 Humulin N

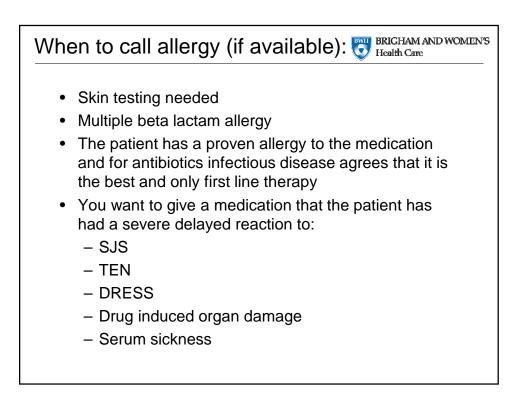


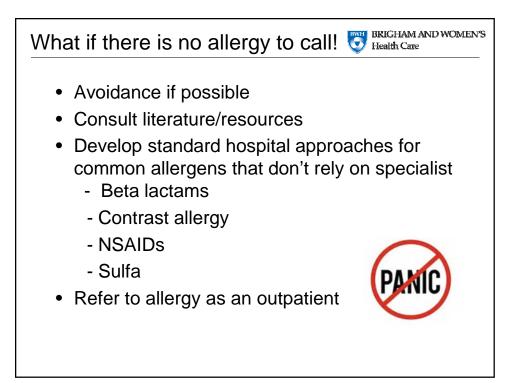


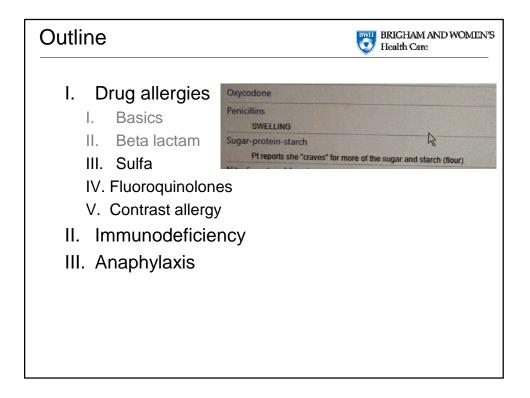


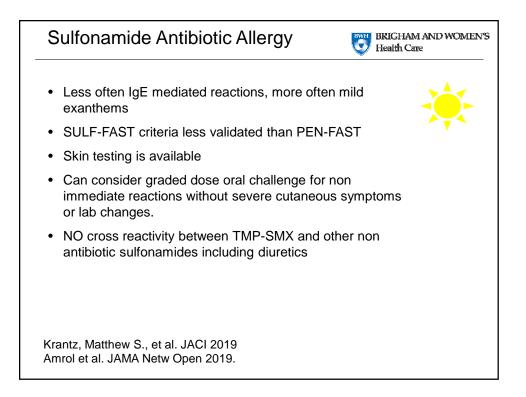


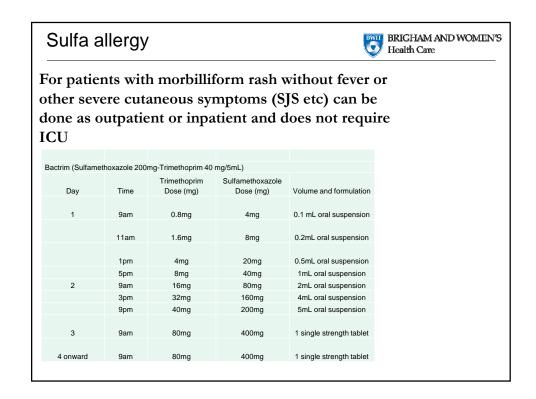


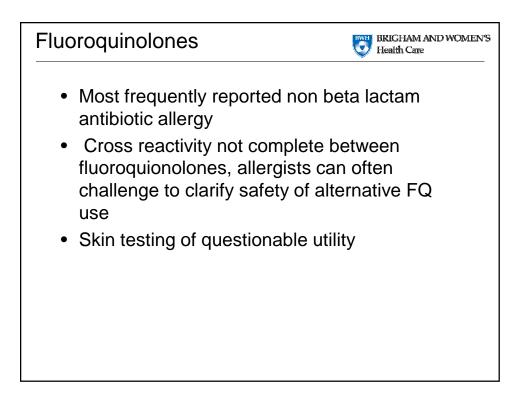




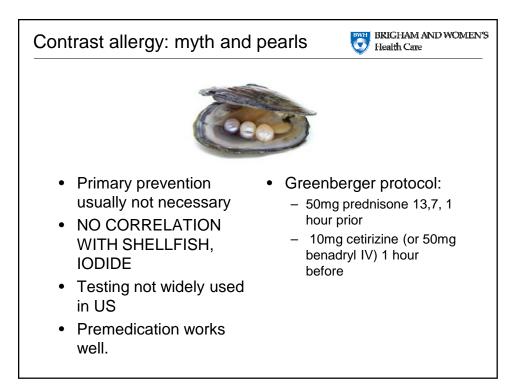




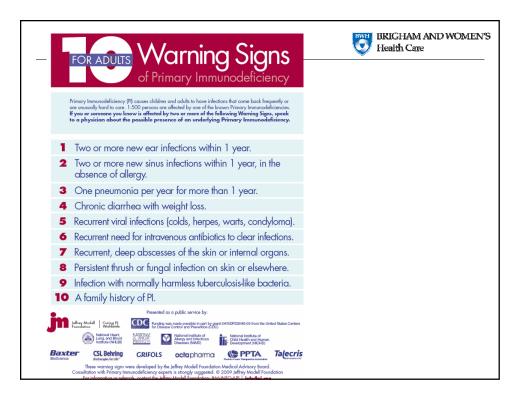


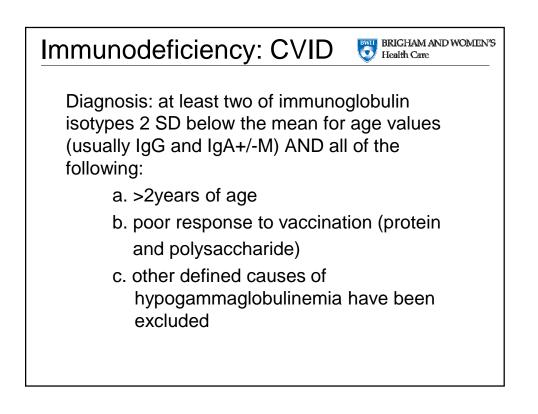


Fluorqui	onolone	aller	gу			BWII	BRICHAM AND WOMEN'S Health Care
	Sequential patients with immediate, intmediate-type, delayed or unknown FQ index reactions who underwent IDT			10	a l		
	Results of IDT by criteria #4		Negative 159)	Posit 4'		
	Oral challenge		Kes	No 771	Yes 2	No 2	
	Type of oral challenge	Index Reaction FQ 641	Other FQ 18 ¹]	Other FQ 2		
	Result of oral challenge	Challenge negative 64	Challenge negative 18]	Challenge negative 2		
	Label revision	Delabeled 64	Safe to take other FQ 18)	Safe to take other FQ 2		
	Subsequent therapeutic treatment	21	2]	0		Krantz et al JACIP
	Tolerated subsequent treatment	21	2]			2020
	Figure 1						



Dutline	B	BRIGHAM AND V Health Care	VOME
	5	leaction	Severity
I. Drug allergies	Allergies	Anaohylaxis	High
1. Drug allergies	Chocolate Flavor	Anaphylaxis	High
I. Basics	Fluticasone Fluticasone Pronion-salmeterol	Shortness of Breath, Anaphylaxis, Jinknown	High
II. Beta lactam	throat closing Orange Julce	Unknown, Photosensitivity, Rash, Anaphylaxis	High
		Unknown	High
III. Sulfa		Unknown, Rash	High
		Unknown	Not Spe
IV. Fluoroquinolones	13,622	Unknown	Not Spe
•		Unknown	Not Spe
V. Contrast allergy	Lanolin	Unknown	Not Spe
	Levofloxacin	Other (See Comments), Gi Intolerance	Not Spe
II. Immunodeficiency	Levonorgestrel	Unknown	Not Spe
	Macadamia Nut Oil	Other (See Comments)	Not Spe
III. Anaphylaxis	Montelukast	Unknown	NOT Spen
п. Апарпулаліз	tatigue Natrexone-bupropion Sedation.confusion	Unknown	Not Spee
	Nsaids (Non-steroidal Anti-inflammatory Drug) Sip gastric sleeve, advised minimal us	Other (See Comments)	Not Spec
	Sip gastic seeve, abrised manual of Sulfa (Sulfonamide Antibiotics)	Unknown	Not Spec
	Adhesive rash from adhesive	Rash, Unknown, Swelling	Low
	ot Influenza Virus Vaccine Trival 2013-2014 (18 Yr +)	Rash	Low
	Nout Influenza Virus Vaccine Tv Split 2013-14 (18 Yre)	Rash	Low

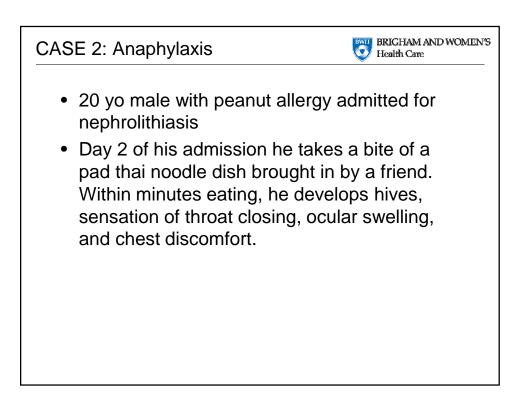


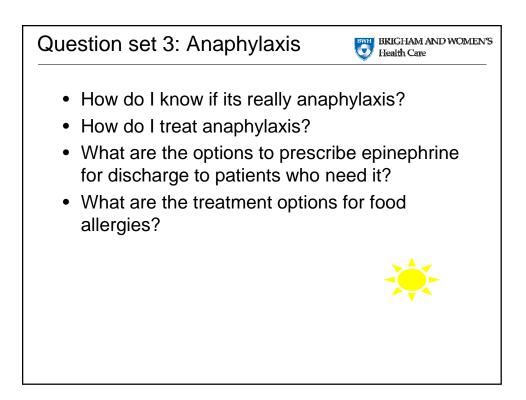


Immunodeficiency: CVID Stright Care				
Immunodeficiency doesn't always present with recurrent infections				
<u>Autoimmune disease</u> (ex. autoimmune hemolytic anemia or thrombocytopenia in CVID, SLE-like syndrome in complement def.)				
Unusual <u>lymphoid and granulomatous diseases</u> (ex. Sarcoid-like lung disease in patients with CVID)				
Malignancies				

Streptococcus pneumoniae Antibodies, IgG		
PNEUMOCOCCAL SEROTYPE 1, IgG	0.03 ug/mL	0.05 ug/mL
PNEUMOCOCCAL SEROTYPE 3, IgG	0.01 ug/mL	•
PNEUMOCOCCAL SEROTYPE 4*, IgG	0.01 ug/mL	
PNEUMOCOCCAL SEROTYPE 5, IgG	0.03 ug/mL	0.03 ug/mL
PNEUMOCOCCAL SEROTYPE 6B+, IgG	0.08 ug/mL	0.05 ug/mL
PNEUMOCCOCAL SEROTYPE 7F, Igg	0.04 ug/mL	0.27 ug/mL
PNEUMOCOCCAL SEROTYPE 8, IgG	0.10 ug/mL	0.06 ug/mL
PNEUMOCOCCAL SEROTYPE 9N, IgG	0.01 ug/maL	0.02 ug/mL
PNEUMOCOCCAL SEROTYPE 9V*, IgG	0.04 ug/mL	0.07 ug/mL
PNEUMOCOCCAL SEROTYPE 12F, IgG	0.03 ug/mL	0.03 ug/mL
PNEUMOCOCCAL SEROTYPE 14*, IgG	0.02 ug/mL	0.04 ug/mL
PNEUMOCOCCAL SEROTYPE 18C+, IgG	0.02 ug/mL	0.02 ug/mL
PNEUMOCOCCAL SEROTYPE 19F*, IgG	0.05 ug/mL	0.04 ug/mL
PNEUMOCOCCAL SEROTYPE 23F*, IgG	0.01 ug/mL	0.01 ug/mL
PNEUMO SERCTYPE INTERPRETATION INTERPRETATION: Pneumococcal Anti		SEE NOTE
Includes serotypes 1, 3, 4*, 5, 6 14*, 18C*, 19F*, 23F*	B*, 7F, 8, 9N, 9V*	, 12F,

Ay unvaccinated titers: twins in d	aycale	BRIGHAM AND WOMEN'S Health Care
S. pneumoniae IgG Ab,23 s	serotypes,S	
Serotype 1 (1) Serotype 2(2) Serotype 3 (3) Serotype 4 (4) Serotype 5 (5) Serotype 8 (8) Serotype 12F (12) Serotype 12F (12) Serotype 17F (17) Serotype 19F (19) Serotype 20 (20) Serotype 22F (22) Serotype 23F (23) Serotype 6B (26) Serotype 6B (26) Serotype 10A (34) Serotype 11A (43) Serotype 15B (54) Serotype 15E (54) Serotype 19A (57) Serotype 9V (68) Serotype 33F (70)	31.5 6.8 17.1 4.9 31.5 12.0 27.4 6.9 19.7 85.6 54.2 11.1 122.8 102.2 27.6 59.6 5.8 69.3 19.8 2.8 25.6 31.2 12.1	<pre>mcg/mL mcg/mL mcg/</pre>





Is it really anaphylaxis?	BRIGHAM AND WOMEN'S Health Care
Here's my advice	
With rare exception, If you the anaphylaxis, treat it as anaphylaxis anaphylaxis, treat it as anaphylaxis analyze after the fact.	
	TO DO LIST
	Follow Op Follow Op Follow Op

