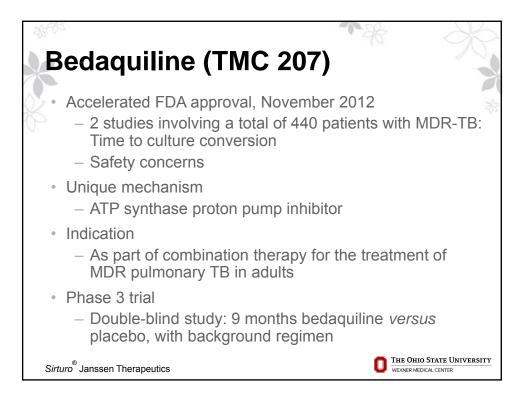
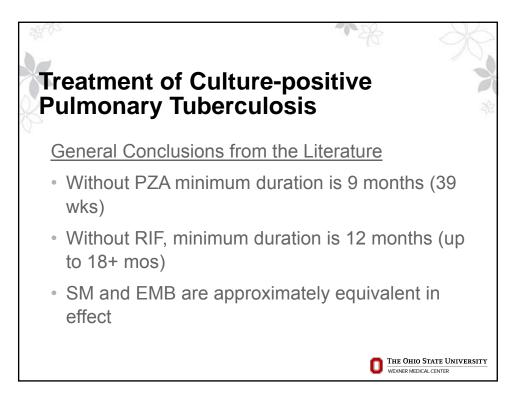
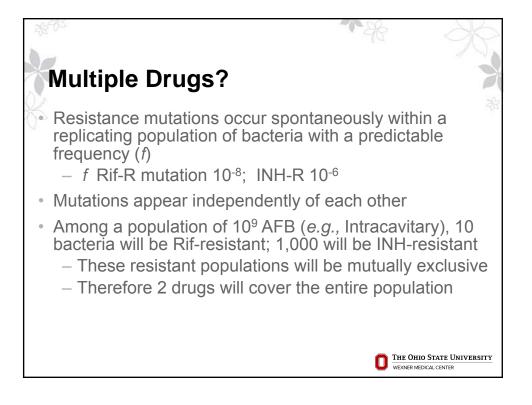


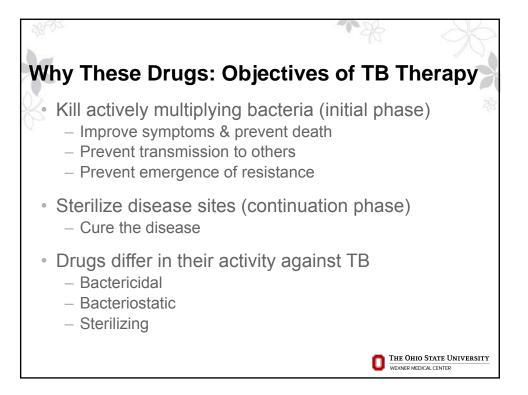
aft for	100	\$ 30
Drugs in Curre	nt Use	
First-line	Second-line	xxx-line
Isoniazid (INH)	Cycloserine	Linezolid*
Ethambutol (EMB)	Levofloxacin*	Bedaquiline
Rifampin (RIF)	Ethionamide	
Rifabutin* (RBT)	Moxifloxacin*	
Rifapentine (RPT)	p-Aminosalicylic a	acid (PAS)
Pyrazinamide (PZA)	Capreomycin	
Streptomycin (SM)	Gatifloxacin*	
	Amikacin/Kanamy	/cin*
* Not approved by FDA for use		
in tuberculosis 2017		U THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER

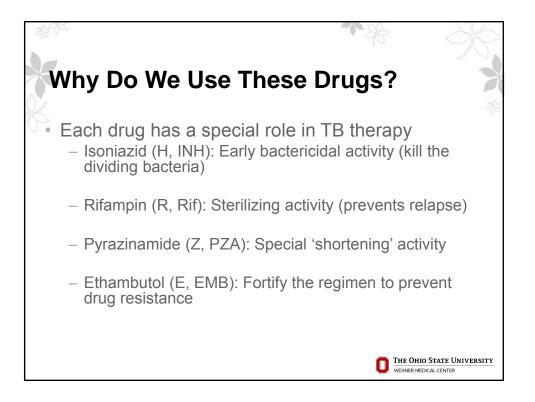


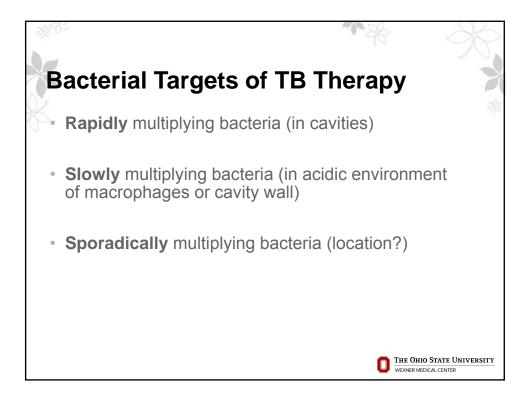


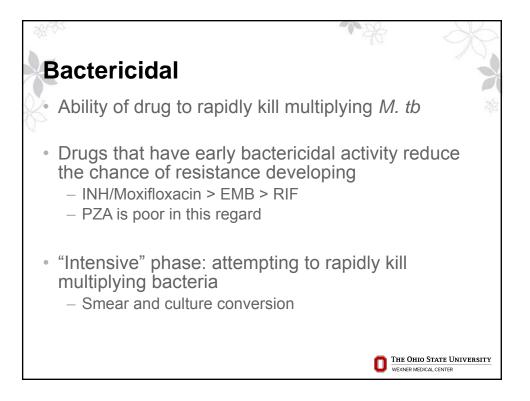


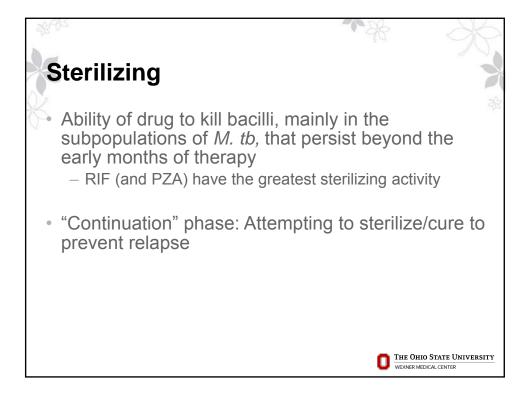


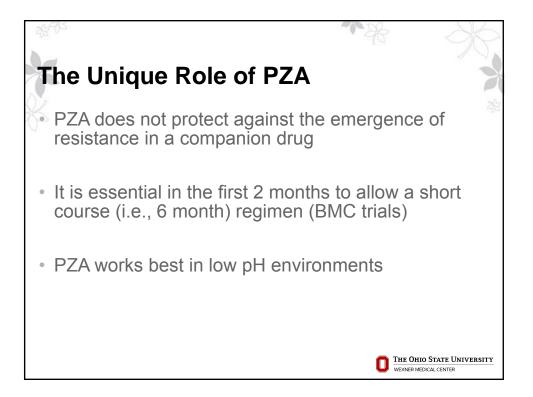


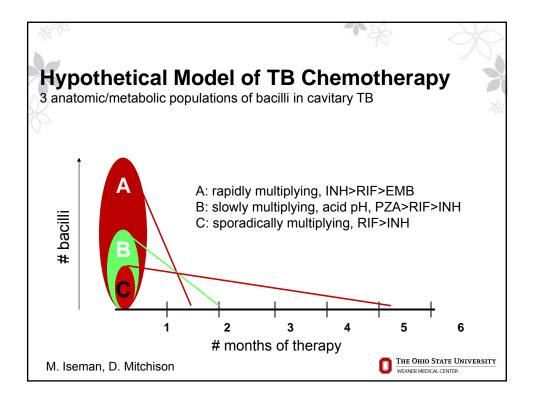


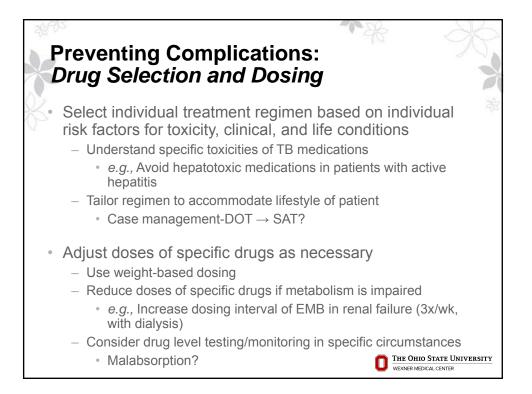


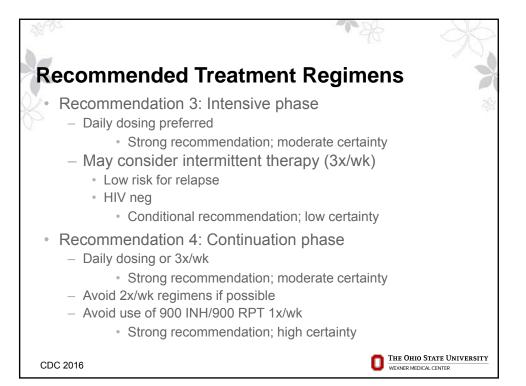




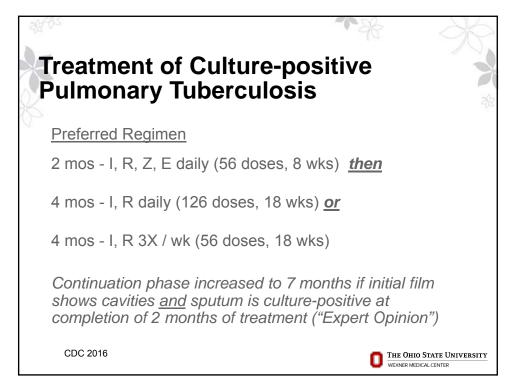


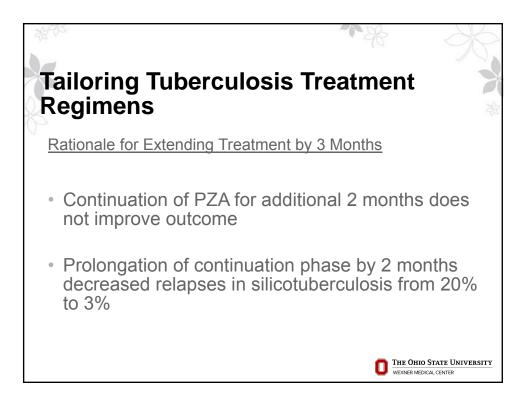




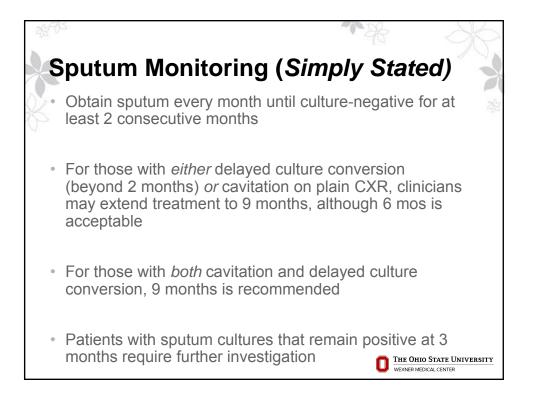


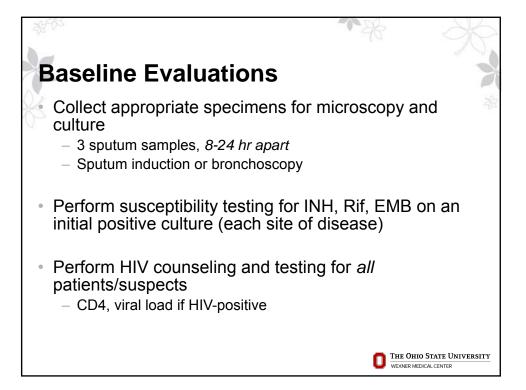
Regimen		Intensive Phase		Continuation Phase				
	Drug <sup>a</sup>	Interval and Dose <sup>b</sup> (Minimum Duration)	Drugs	Interval and Dose <sup>b,</sup> <sup>c</sup> (Minimum Duration)	Range of Total Doses	Comments <sup>c,d</sup>	Regimen Effectiveness	
1	INH RIF PZA EMB	7 d/wk for 56 doses (8 wk), or 5 d/wk for 40 doses (8 wk)	INH RIF	7 d/wk for 126 doses (18 wk), or 5 d/wk for 90 doses (18 wk)	182–130	This is the preferred regimen for patients with newly diagnosed pulmonary tuberculosis.	Greater	
2	INH RIF PZA EMB	7 d/wk for 56 doses (8 wk), or 5 d/wk for 40 doses (8 wk)	INH RIF	3 times weekly for 54 doses (18 wk)	1 <mark>1</mark> 0–94	Preferred alternative regimen in situations in which more frequent DOT during continuation phase is difficult to achieve.		
3	INH RIF PZA EMB	3 times weekly for 24 doses (8 wk)	INH RIF	3 times weekly for 54 doses (18 wk)	78	Use regimen with caution in patients with HIV and/or cavitary disease. Missed doses can lead to treatment failure, relapse, and acquired drug resistance.		
4	INH RIF PZA EMB	7 d/wk for 14 doses then twice weekly for 12 doses <sup>e</sup>	INH RIF	Twice weekly for 36 doses (18 wk)	62	Do not use twice-weekly regimens in HIV-infected patients or patients with smear-positive and/or cavitary disease. If doses are missed, then therapy is equivalent to once weekly, which is inferior.		
							Lesser	
<sup>a</sup> Other com <sup>b</sup> When DOT experience i <sup>c</sup> Based on e	nbinations T is used, c indicates t expert opin	may be appropriate in certain drugs may be given 5 days per his would be an effective pra- tion, patients with cavitation of	circumsta week and ctice. DOT n initial che	nces; additional details an the necessary number of should be used when dri st radiograph and positive	e provided in the doses adjusted a ugs are administ cultures at com	pletion of 2 months of therapy should receive a 7-month (31-week	continuation phase	
malnutrition	, or chroni	c renal failure; or patients with	h advance	d age). For patients with p	eripheral neuro	nt women; breastfeeding infants; persons with HIV; patients with o pathy, experts recommend increasing pyridoxine dose to 100 mg agimens 5 days per week for 15 doses (3 weeks), then twice we	/day.	

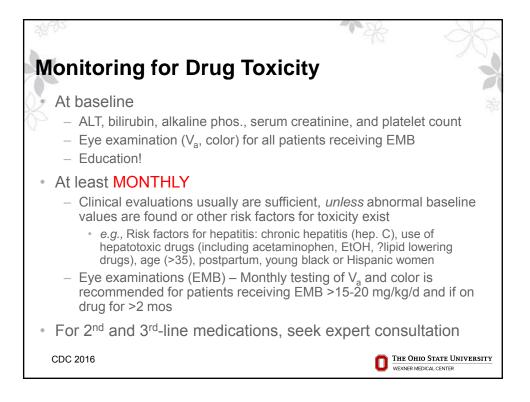


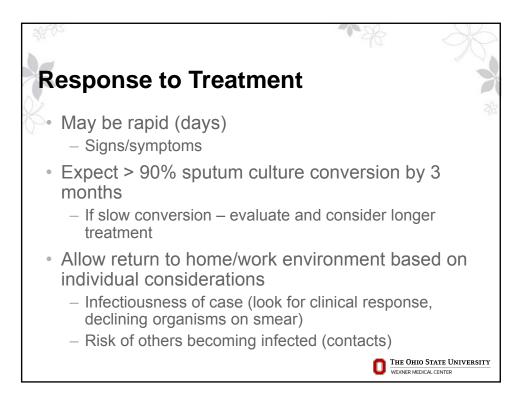


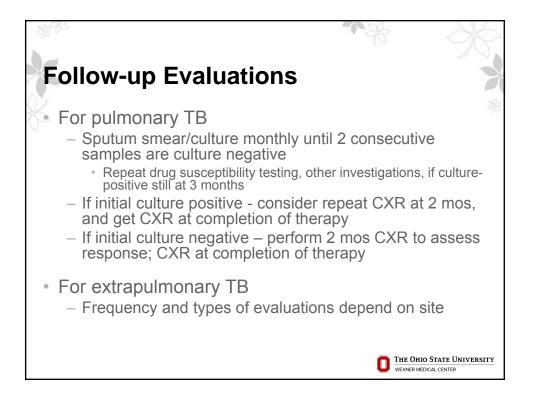
Pick Easters	for Polonso:	Study 22		
Risk Factors	ioi relapse.	Study ZZ		
Continuation Phase	e, Control (I/R Tw	<u>ice weekly)</u>		
<u>Cavity</u>	Culture Positive at 2 Mos			
	Yes	No		
Yes	21.8%	6.2%		
No	5.0%	2.1%		
Tuberculosis Trials Consortium. Lancet. 2002; 360: 528				
		THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER		











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Clinical Hepat	titis in I	Persons	Taking INH & RIF
Drug INH	Studies 6	<u>Patients</u> 38,257	<u>% Clinical Hepatitis</u> 0.6
INH + other drugs ( <i>NOT</i> Rif)	10	2,053	1.6
INH + Rif	19	6,155	2.7
Rif + other drugs ( <i>NOT</i> INH)	5	1,264	1.1
Steele, <i>et. al.</i> Chest 9	9: 465 – 471, 199	91	<b>The Ohio State University</b> Wexner medical center

