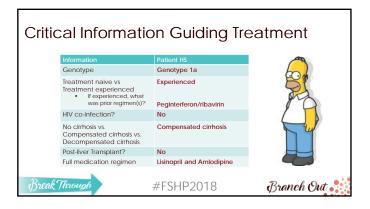
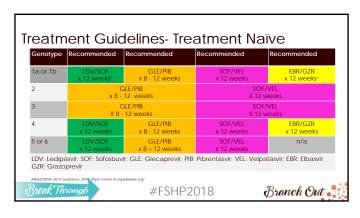
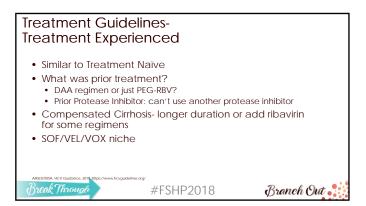
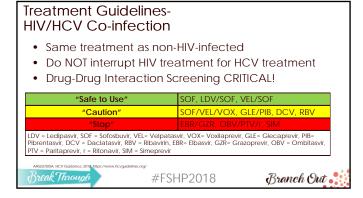


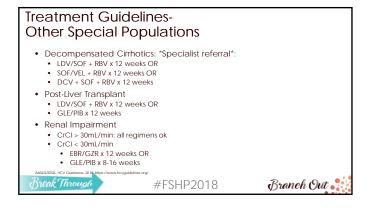
Direct-Acting Antivirals (DAAs) • Overall well tolerated, all oral regimens			
Combination tablets			
Drug Class	Mechanism of Action	Name Suffix	Examples
NS3/4A	Protease Inhibitor	-previr	Voxilaprevir, Glecaprevir, Grazoprevir
NS5A	Replication Complex Inhibitor	-asvir	Ledipasvir, Ombitasvir, Elbasvir, Velpatasvir
NS5B Nucleot(s)ide Analog	Polymerase Inhibitor	-buvir	Sofosbuvir
NS5B Non- Nucleotide Analog	Polymerase Inhibitor	-buvir	Dasabuvir
Break Through	#FSHP2018		Branch Out

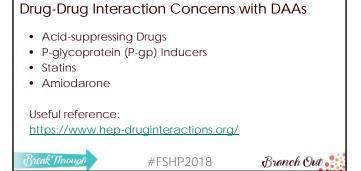




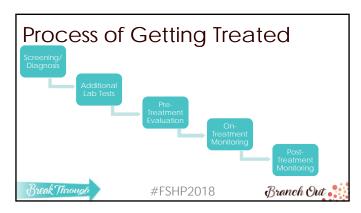




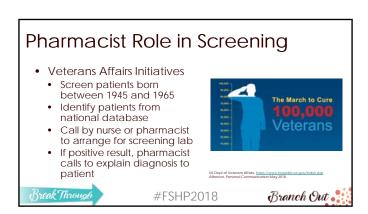






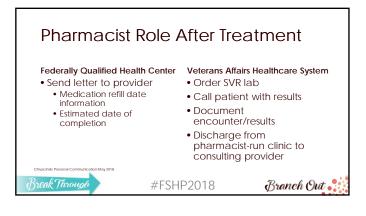


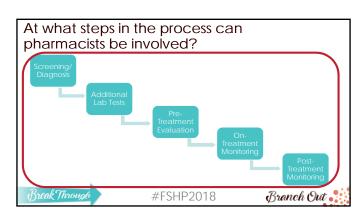
Pharmacist Role in Screening Federally Qualified Health Center in Florida • Daily pharmacist review of patients born 1945-1965 • If not previously screened for HCV, alert to nurse and provider recommending screening Crucinal Personal Communication May 2018 #FSHP2018 #FSHP2018



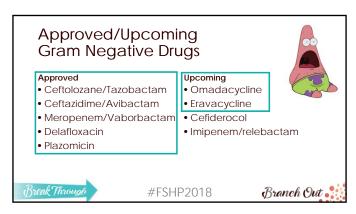




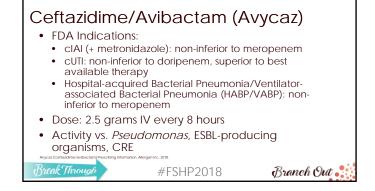








Ceftolozane/Tazobactam (Zerbaxa) FDA Indications: Complicated intra-abdominal infections (cIAI) (+ metronidazole): non-inferior to meropenem Complicated UTIs (cUTI): non-inferior to levofloxacin Dose: 1.5 grams IV every 8 hours Activity vs. Pseudomonas and ESBL-producing organisms No activity against carbapenem resistant Enterobacteriaeceae (CRE) Arthur (Contractive Internation Inferential Inferential Contractive Inferential Contra



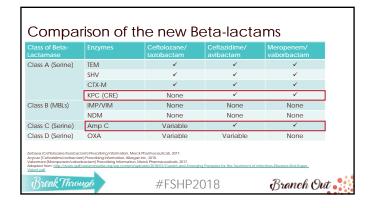
Meropenem/Vaborbactam (Vabomere)

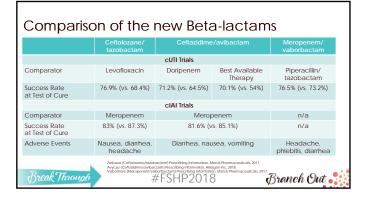
- FDA Indications: cUTI
- Trial 1: superior to piperacillin/tazobactam
- Additional trial (cUTI, HABP/VABP/cIAI): stopped early due to superiority over best available therapy for patients with CRE
- Dose: 4 grams IV every 8 hours
- Activity vs. Pseudomonas, ESBL-producing organisms, CRE

Break Through

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Pelafloxacin (Baxdela) FDA Indications: Acute Bacterial Skin and Skin Structure Infections (ABSSSI) Non-inferior to vancomycin + aztreonam x 2 trials Dose: 300mg IV or 450mg PO every 12 hours Activity vs. Pseudomonas, Enterobacteriaceae Plus Gram-positives, including MRSA Ongoing trials: Community-acquired Bacterial Pneumonia (CABP) and urinary tract infection (UTI)

#FSHP2018

Branch Out •

Break Through

Plazomicin New aminoglycoside EPIC trial: cUTI Non-inferior to meropenem CARE trial: HABP/VABP or Bloodstream Infection due to CRE compared to Colistin (Both + Meropenem or Tigecycline) All-cause mortality or significant disease related complication numerically higher in Colistin arm (50% vs 23.5%, p=0.094) Dose: 15 mg/kg IV once daily Activity vs. Pseudomonas, ESBL-producing organisms, CRE Not active vs. NDM-1 isolates The Burg Decument or Remarks Institutional Control of Colistina and Colis

