

Introduction: Case Presentation

- In Mr. Brown is a 34 year-old male with chronic Hep C and opioid use disorder who injects 1g of heroin daily. He arrives at the Hep C clinic to begin a 12 week trial of sofosbuvir-velpatasvir. He also drinks up to a fifth of vodka most days of the week, and he denies significant alcohol withdrawal on the days he doesn't drink. He smokes 2 packs of tobacco cigarettes a day and smokes cannabis daily. He denies any other substance use.
- He's not ready to stop using heroin, drinking alcohol, smoking tobacco cigarettes or smoking cannabis.



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Introduction: Case Presentation

Which of the following medications treats the health condition associated with the largest risk of morbidity and mortality in this patient?

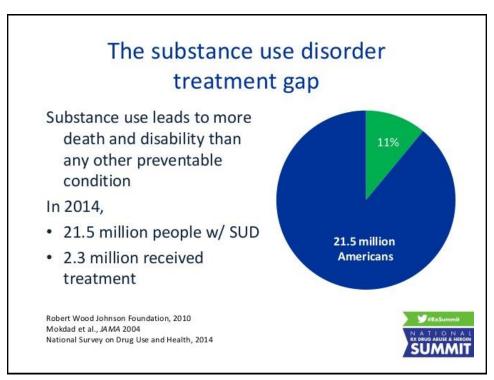
- A. Nicotine Replacement Therapy (NRT)
- B. Buprenorphine/Naloxone
- C. Sofosbuvir-velpatasvir
- D. Oral Naltrexone
- E. Gabapentin

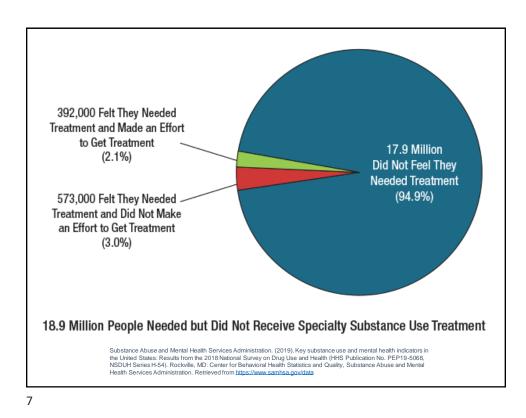


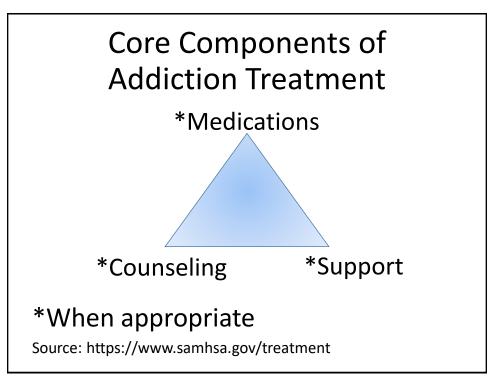
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Assume no other medication interactions, no allergies, no medical problems other than chronic Hep C, and pt is otherwise naïve to medications for addiction





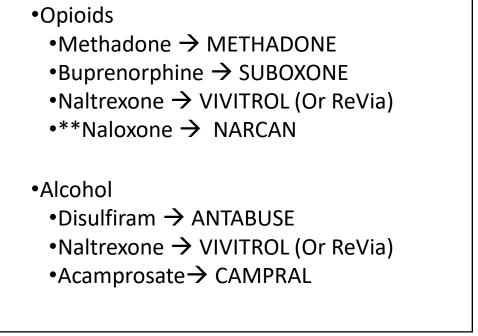


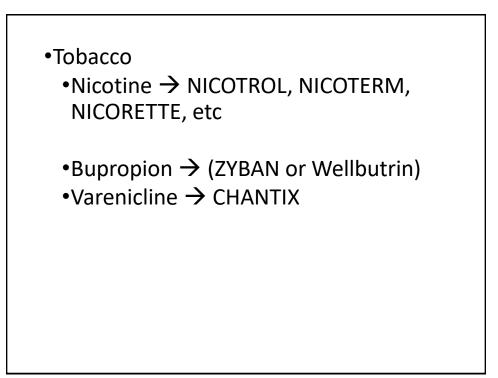


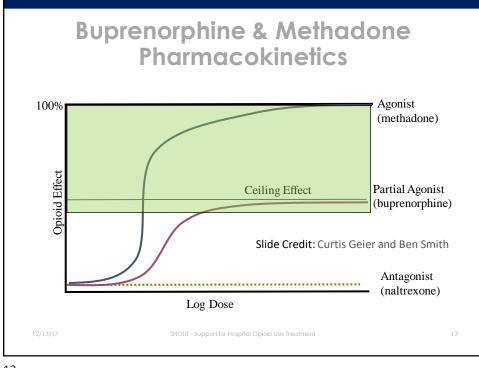
Medications for Addiction Treatment (MAT)

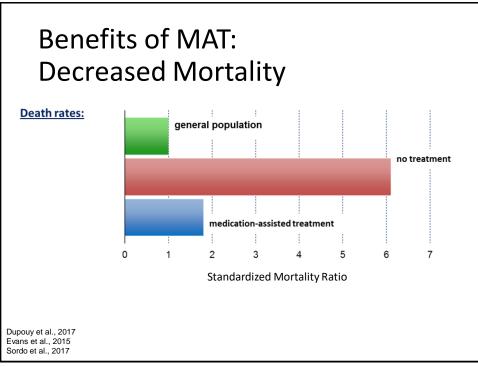


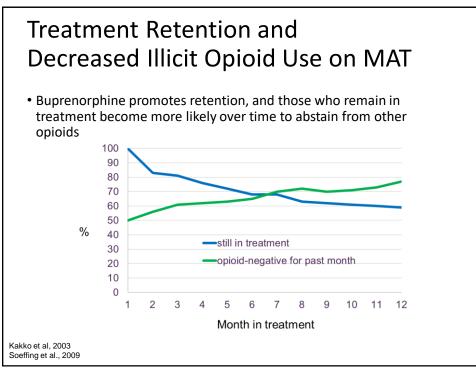
 Opioids Methadone Buprenorphine Naltrexone **Naloxone 	 Tobacco Nicotine Bupropion Varenicline
 Alcohol Disulfiram Naltrexone Acamprosate 	 Others No FDA- approved medications (yet)



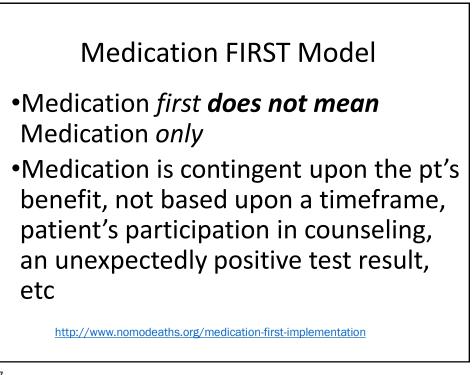


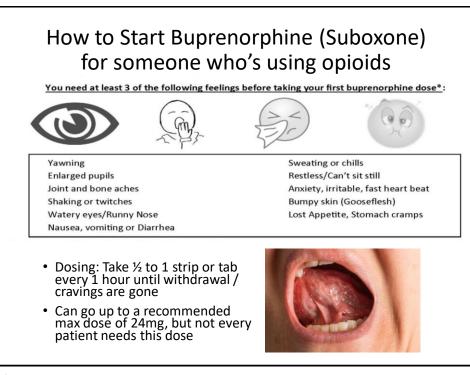


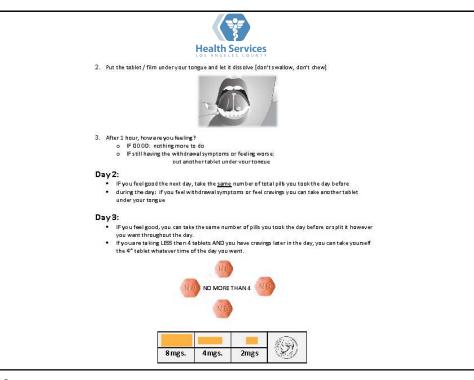


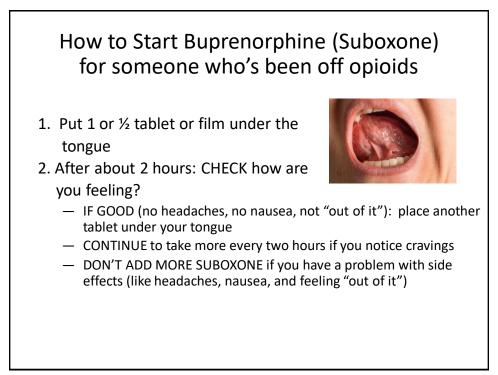


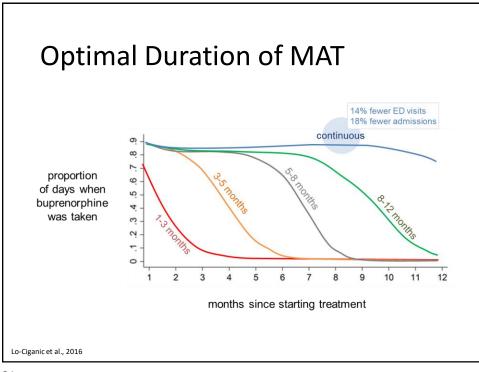




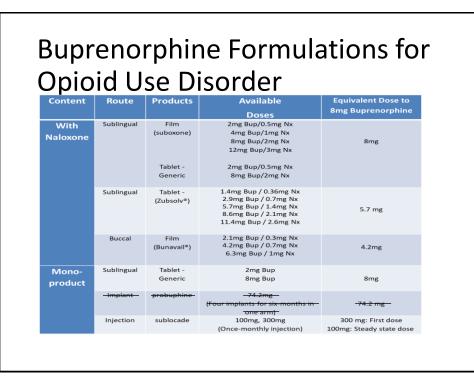






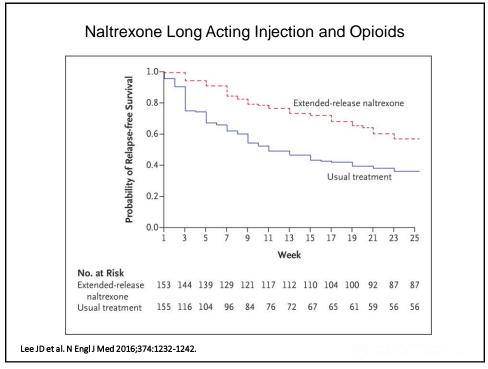


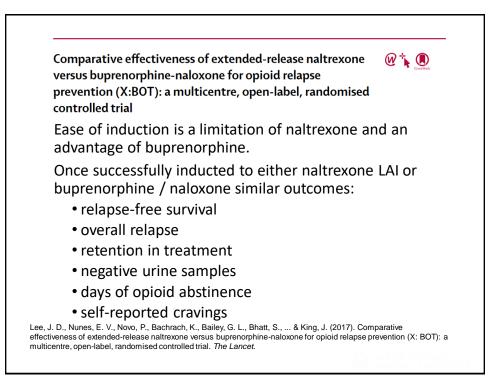




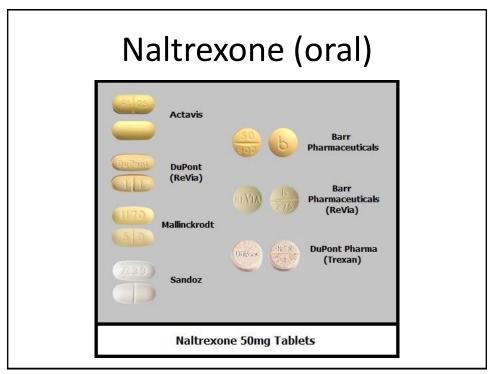


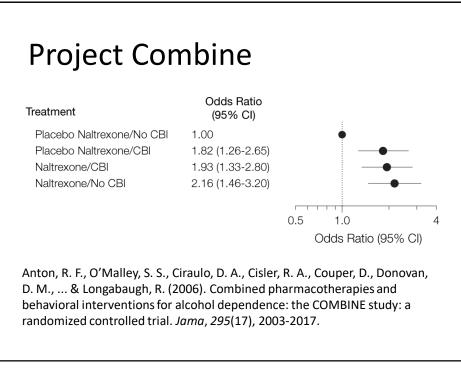
Free DHS X-Waiver Trainings Friday, March 5, 2021, 9am Friday, May 21, 1-5pm Wed, Mar 10, 2021, 4pm-8pm Friday, June 4, 9am Tuesday, Mar 30, 2021, 9am-1pm Friday, June 11, 1-5pm Thursday, April 8, 9am-1pm Thursday, June 24, 8am-12pm Friday, April 9, 2021, 9am Thursday, July 8, 8am-12pm Friday, April 30, 2021, 1-5pm Friday, July 9, 9am Friday, May 7, 9am Friday, August 6, 9am Thursday, May 13, 8am-12pm Email buprenorphine@dhs.lacounty.gov to sign up

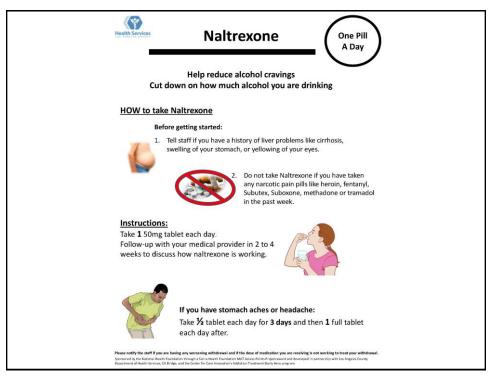




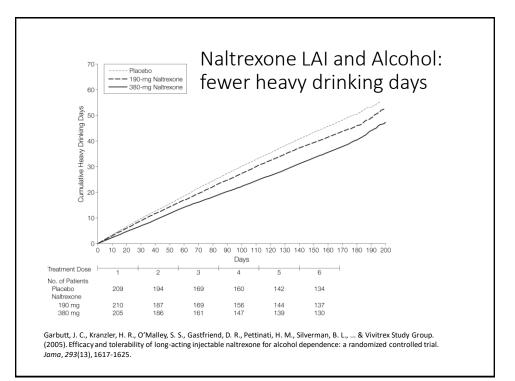






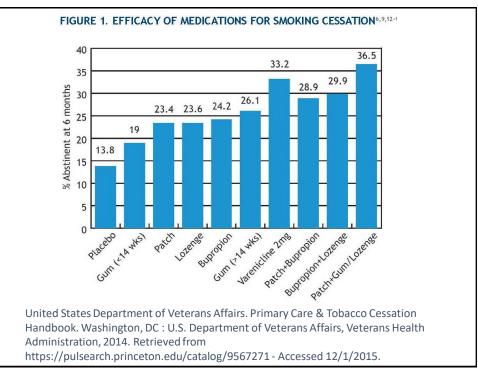


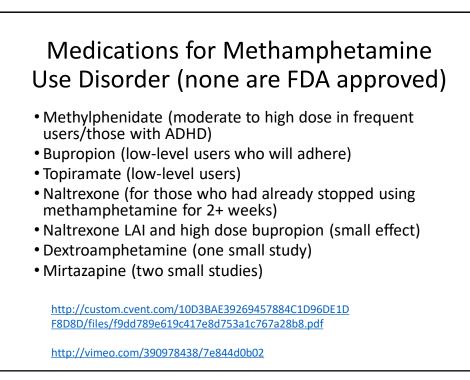


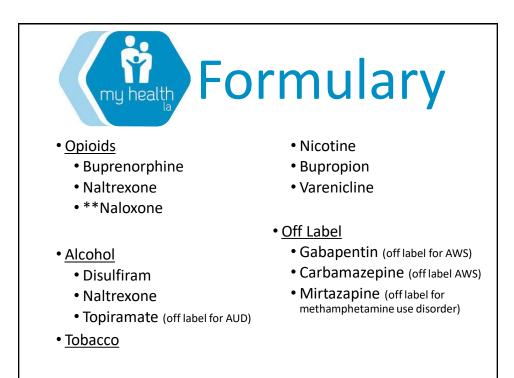


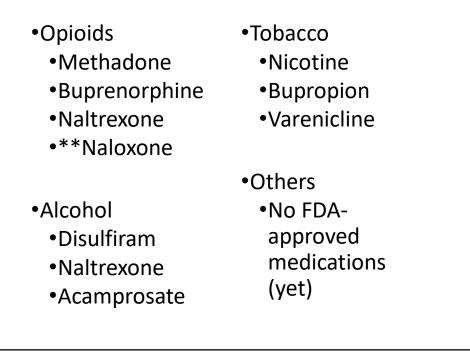
		NICOTINE REPLACE		VARENICLINE			
	GUM	LOZENGE	TRANSDERMAL PATCH	NASAL SPRAY	ORAL INHALER	BUPROPION SR	VAKENIGLINE
PRUDUC	Nicorette', Generic OTC 2 mg, 4 mg original, cinnamon, fruit, mint	Nicorette ¹ , Generic Nicorette ¹ Mini OTC 2 mg, 4 mg; cherry, mint	NicoDerm CQ ¹ , Generic 0TC (NicoDerm CQ, generic) 7 mg, 14 mg, 21 mg (24hr release)	Nicotrol NS ² Rx Metered spray 10 mg/mL nicotine solution	Nicotrol Inhaler ^a Rx 10 mg cartridge delivers 4 mg inhaled vapor	Zyban ¹ , Generic Rx 150 mg sustained-release tablet	Chantix ^e Rx 0.5 mg, 1 mg tablet
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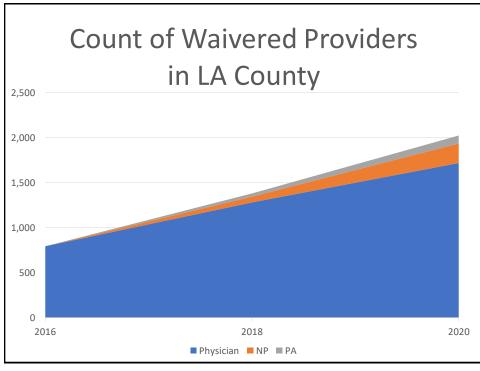


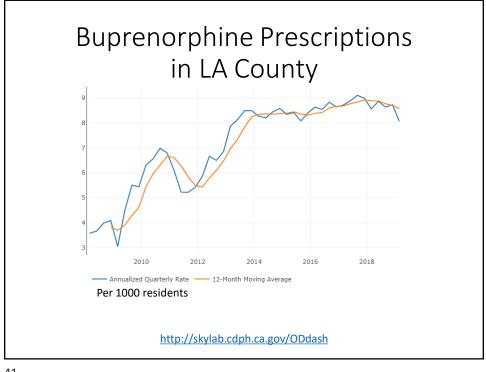


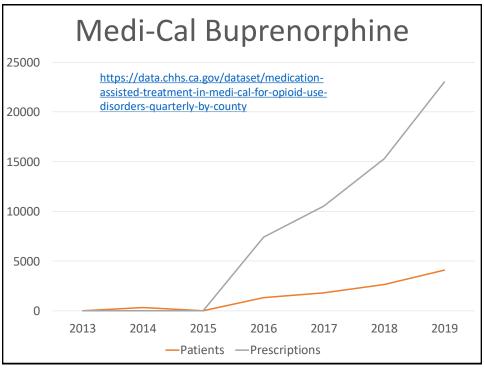


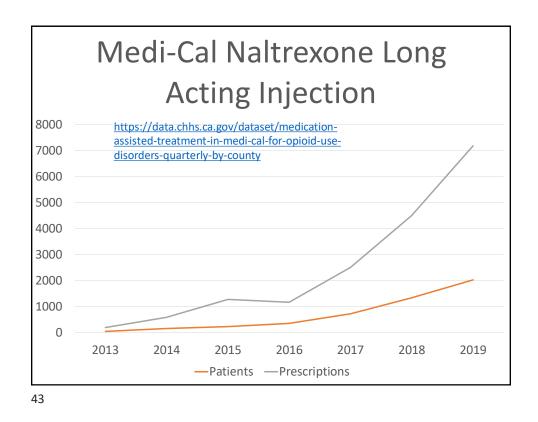












Returning to Case Presentation

- Mr. Brown is a 34 year-old male with chronic Hep C and opioid, alcohol, and tobacco use disorders, and possibly cannabis use disorders who injects 1g of heroin daily. He arrives at the Hep C clinic to begin a 12 week trial of sofosbuvir-velpatasvir.
- He's not ready to quit drinking alcohol or stop smoking tobacco cigarettes.



Doc Brown, Back to the Future, Universal Pictures





What if they overdose on MAT or go through withdrawals?

MAT prevents overdose. It doesn't worsen or cause overdose.

If a client stops MAT (methadone or buprenorphine) and goes through withdrawals they should contact their methadone clinic or CHW who can contact the on-call line to get the patient a medical evaluation to restart MAT as soon as possible.

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How is MAT in alignment with 12-Step programs' philosophy? There are some 12-Step Programs that shun someone in recovery on MAT or any other medications.

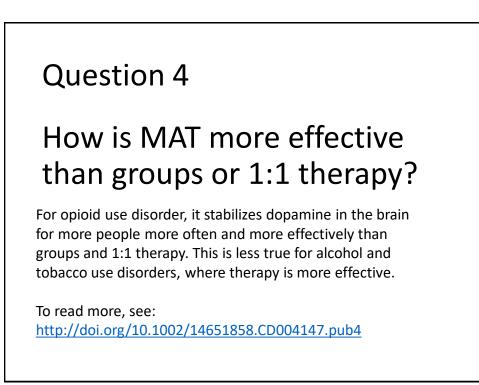
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Question 3

The Central Committee of Alcoholics Anonymous' official stance is that it has no opinion, positive or negative, on MAT. But it will not interfere if groups exclude people on Suboxone or methadone

AA group members telling other members what they should do about MAT violates a long held 12step policy of "AA members should not give medical advice to each other." see: <u>http://www.aa.org/assets/en_US/p-</u> <u>11_aamembersMedDrug.pdf</u>

- •There is a variety of views, depending on the group
- •AA tends to have less stigmatized attitudes than NA does
- •Not every member must disclose that they use MAT to the groups they attend



Why MAT?

Because it keeps people alive, keeps them coming to treatment, and helps people use drugs less.

54

Question 6

How is MAT effective without therapy or 12-Step programming?

For opioid use disorder, because it stabilizes dopamine in the brain for more people more often and more effectively than therapy and 12 steps. This is less true for alcohol and tobacco use disorders, where therapy can be as effective as medications. <u>I want all my patients to get therapy and support for their recovery</u>, but without MAT most (90%) of people with opioid use disorder don't stick with therapy or 12-step programming.

Will MAT harm the body and/or mind?

Every medication has risks and side effects. For people with opioid use disorder, buprenorphine's risks and side effects include risk of diversion, withdrawal if discontinued, headache, dry mouth, and upset stomach. The benefits of buprenorphine are staying alive, reduced opioid use, and staying in treatment. For most patients with opioid use disorder, the benefits of buprenorphine outweigh the risks.

56

Question 8

How does MAT work for someone with chronic medical issues, and on other medications for health and mental health?

It works as well as for people without chronic medical issues, and on other medications for health and mental health. There are no medications for health and mental health that prevent a patient from being able to benefit from MAT.