



Implementing effective opioid and addiction treatment in criminal justice populations

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Disclosures, LeeJD

- Grants:
 - NIDA (U01, U10 (CTN GNYN))
 - NIAAA (R01)
- Study Drug: Alkermes (Vivitrol), Indivior (Suboxone)
- No financial COIs



Core Addiction Medicine Evidence-Based Interventions are all applicable to CJS

1. Smoking screening and smoking cessation medications
2. Screening and Brief Intervention (SBI) for risky alcohol
3. Medications for alcohol and opioid disorders
4. Acute withdrawal management
5. Overdose prevention w Naloxone
6. Non-judgemental treatment of medical and psyche co-morbidities
7. Evidence-based counseling approaches (CBT, MET, Contingency Mgt, Medical Mgt, 12-step)



Despite the Evidence Supporting MAT...

Communities do not offer enough MAT...

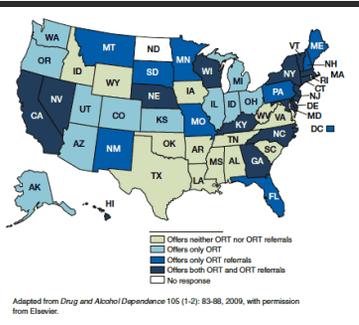
- 2012: only 27.6 percent of heroin users undergoing treatment in the US received some form of MAT

*(SAMHSA/TEDS: Treatment Episode Dataset, 2012)

...CJS offers even less

- 0-1% of any US jail/prison offers any MAT *(RichJ et al, 2004)
- 0% < Probation/Parole/Drug Court < 28% *(Matusow, 2014)

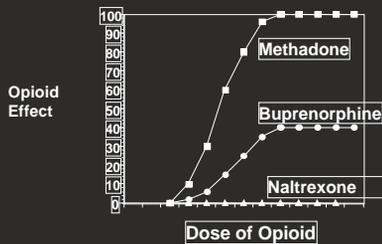




- 28 (55%) state prison systems offer methadone to inmates
- Over 50% of correctional facilities that offer methadone do so exclusively for pregnant women or for chronic pain management.
- 7 states prison systems (14%) offer buprenorphine to some inmates.



What is the Difference between Opioid Agonists & Antagonists?



What makes Opioid MAT Rx so ideal?

- Binding Affinity: methadone, buprenorphine, and naltrexone all 'out-compete' illicit opioids at the mu opioid receptor... they are 'stickier' and 'block' other opioids
- Agents (all of them) are relatively long-acting compared to illicit opioids... daily or less dosing
- Relatively slow-onset by oral, SL, or depot routes (vs. inhaling or injecting illicit opioids)
- At stable doses, patients should feel relatively normal, can work, study, exercise, etc.
- At stable doses, patient experience fewer cravings or urges for illicit opioid use.

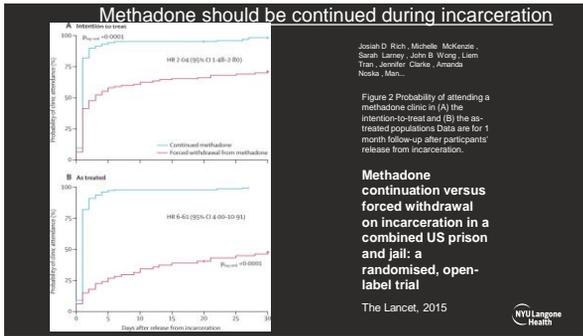


Methadone outcomes, 1965-2015

- Less heroin use
- Less IV use
- Less HIV transmission
- Less overdose death
- Less criminal behavior
(harder to show less recidivism)
- Saves taxpayers money
- Longer lifespan



Methadone Treatment of Randomly Selected Criminal Addicts
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Problems: Methadone Clinics and Stigma

- Federally-licensed clinics treating opioid dependence only
 - limited locations
 - limited number of treatment slots
 - may only take insurance
 - daily directly observed therapy (DOT)
- Patients have negative views (sedation, 'rotting teeth/bones', forced w/d, 'handcuffs')
- Providers have negative views of methadone patients and clinics

NTU Langone Health

Reminder: Buprenorphine & Office-based Treatment

- Medical office visit
- Retail pharmacy
- Chronic treatment

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CJS, MAT, Implementation: What do we do now?
Prison incarceration

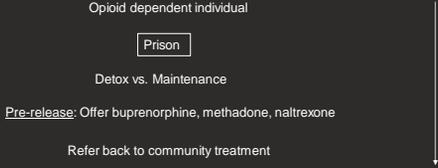
Opioid dependent individual

Prison

Detox vs. Maintenance

Pre-release: Offer buprenorphine, methadone, naltrexone

Refer back to community treatment



NTU Langone Health

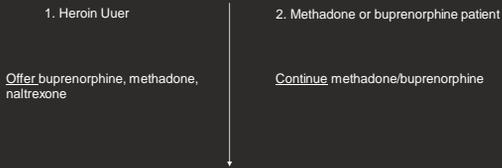
CJS, MAT, Implementation: What do we do now?
Community Supervision (drug court, probation, parole)

1. Heroin Uuer

2. Methadone or buprenorphine patient

Offer buprenorphine, methadone, naltrexone

Continue methadone/buprenorphine



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CJS, MAT, Implementation:
Data is strong, so onto logistics and local factors

- All 3 medications now have solid evidence supporting effectiveness
- Choice depends on patient, provider, environment
 - Is the patient using and in community? Is detox already complete?
 - Is there a provider accepting CJS referrals? Medicaid? Uninsured patients? Meds are covered?
 - How far away is the treatment provider?
 - What are the patient's preferences and motivations?

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Implementation:
Which medications to use? For which patient?

- So...
 - Is there a methadone provider in the county?
 - Is there a buprenorphine provider? Reimbursement?
 - Is there coverage/reimbursement for XR-NTX?
 - What is the patient motivated for?
 - ...any type or choice of MAT will be effective vs. none
- There are no well defined criteria dictating which med for which patient beyond availability and patient preference



Implementation:
How to improve XR-NTX re-entry outcomes?

- Patient matching
 - We don't yet know which patients do best
- Adherence boosters
- CJS mandated treatment is an acceptable approach
- Incentive Management works with other conditions
- Case Management and Patient Navigation under study
- Psychosocial treatment and meetings are compatible with all medications



Prologue: MAT and CJS

- Community bup-nx and methadone should be continued during incarceration
- Similar to HIV or MH meds
- Use of MAT (bup-nx, methadone, XR-NTX) is a long-term strategy ("maintenance")
- Any 'dose' of counseling goes with MAT
- All MAT implies significant counseling from a provider

