



ADDICTION IS NOT A MORAL FAILURE

Dr. Stephen Loyd

Leonardo da Vinci

“Virgin on the Rocks”



Leonardo da Vinci

“We have to be fearless about changing our mind based on new information.”



DOUBLE DIAMOND HAYWIRE!

1 CREDIT 2 CREDIT 3 CREDIT

800	1600	2500		
777	80	160	240	777
BAR BAR BAR	40	80	120	BAR BAR BAR
BAR BAR BAR	25	50	75	BAR BAR BAR
BAR BAR BAR	10	20	30	ANY TWO
ANY BAR	5	10	15	ANY ONE
ANY ONE	2	4	6	ANY ONE

REVIEW TICKET PLAY 3 CREDITS WINNER PAID

BAR BAR BAR BAR BAR BAR

It is YOUR responsibility to ensure credits match ticket amount. THIS MACHINE ACCEPTS TICKETS OR BILLS

DOUBLE DIAMOND HAYWIRE!

TRIPLE DOUBLE

5 WAVE-TIMES PAYS

1000	200	3000		
777	50	100	150	777
BAR BAR BAR	30	60	90	BAR BAR BAR
BAR BAR BAR	20	40	60	BAR BAR BAR
BAR BAR BAR	10	20	30	ANY TWO
ANY ONE	5	10	15	ANY ONE
ANY ONE	2	4	6	ANY ONE

REVIEW TICKET PLAY 3 CREDITS WINNER PAID

BAR BAR BAR BAR BAR BAR

It is YOUR responsibility to ensure credits match ticket amount. THIS MACHINE ACCEPTS TICKETS OR BILLS

TRIPLE DOUBLE

TRIPLE DOUBLE WILD CHERRY

1500	300	4500
1000	200	3000
100	200	300
40	80	120
20	40	60
10	20	30
5	10	15
2	4	6

REVIEW TICKET PLAY 3 CREDITS WINNER PAID

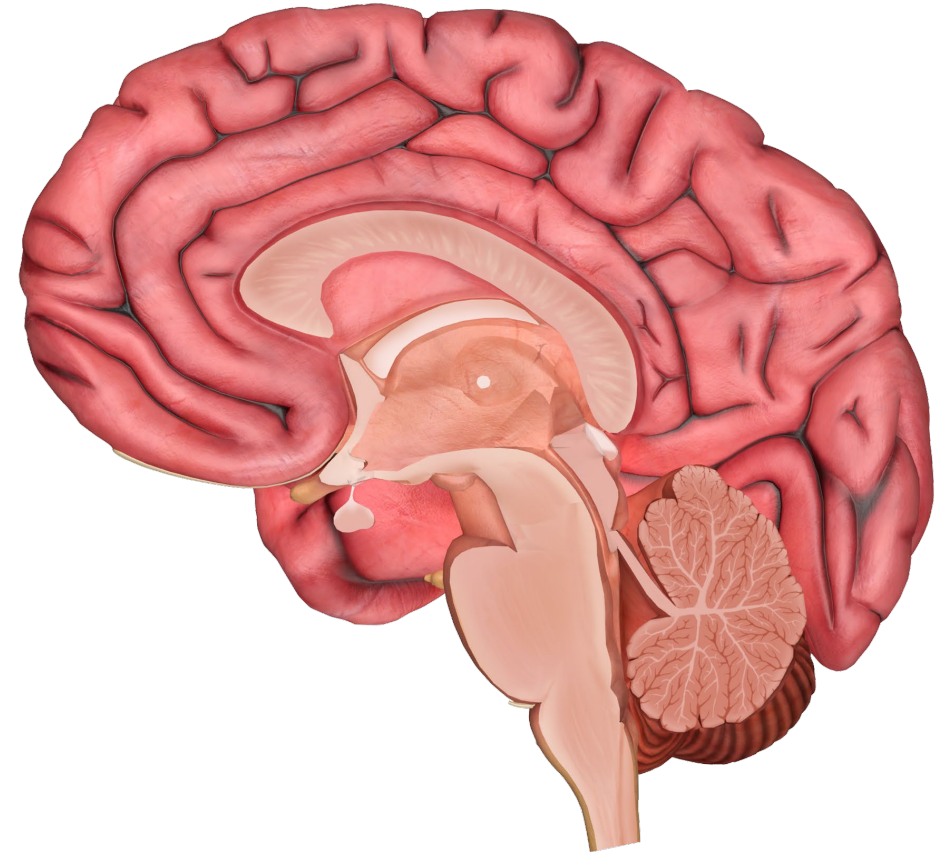
BAR BAR BAR BAR BAR BAR

It is YOUR responsibility to ensure credits match ticket amount. THIS MACHINE ACCEPTS TICKETS OR BILLS

TRIPLE DOUBLE WILD CHERRY



The First 7

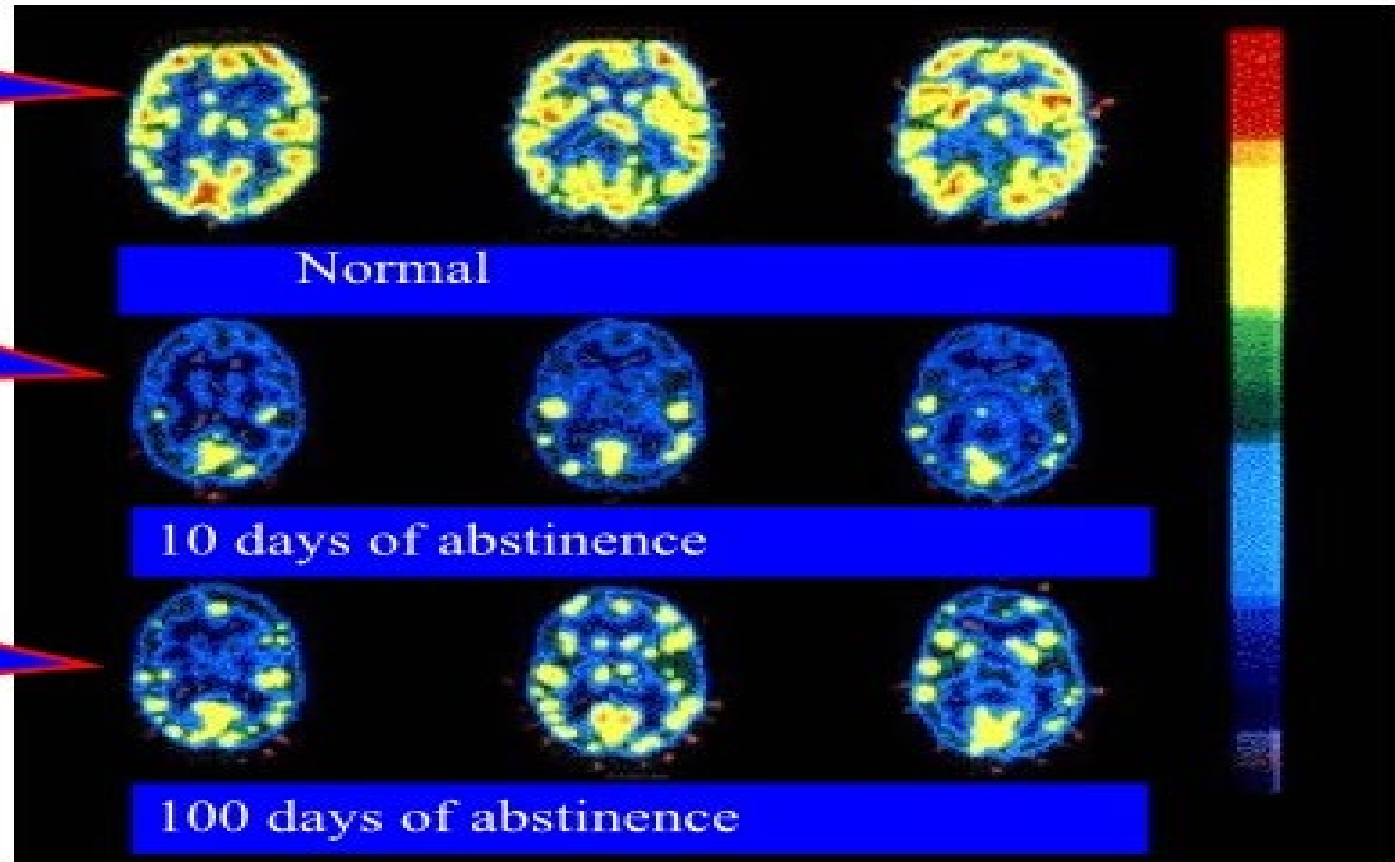


Brain Healing Takes Time

Normal levels of brain activity in PET scans show up in yellow to red

Reduced brain activity after regular use can be seen even after 10 days of abstinence

After 100 days of abstinence, we can see brain activity “starting” to recover



Source: Volkow ND, et al. Synapse 11:184-190, 1992; Volkow ND, et al. Synapse 14:169-177, 1993.

Science = Solutions

The Second 7



The Third 7

Porter and Jick Letter- Ground Zero

To the Editor: Recently we examined our current files to determine the incidence of narcotic addiction in 39,946 hospitalized medical patients who were monitored consecutively. Although there were 11,882 patients who received at least one narcotic preparation, there were only four cases of reasonably well-documented addiction in patients who had no history or addiction. The addiction was considered major in only one instance. The drugs implicated were meperidine in two patients, Percodan in one, and hydromorphone in one. We conclude that despite widespread use of narcotic drugs in hospitals, the development of addiction is rare in medical patients with no history of addiction.

Jane Porter

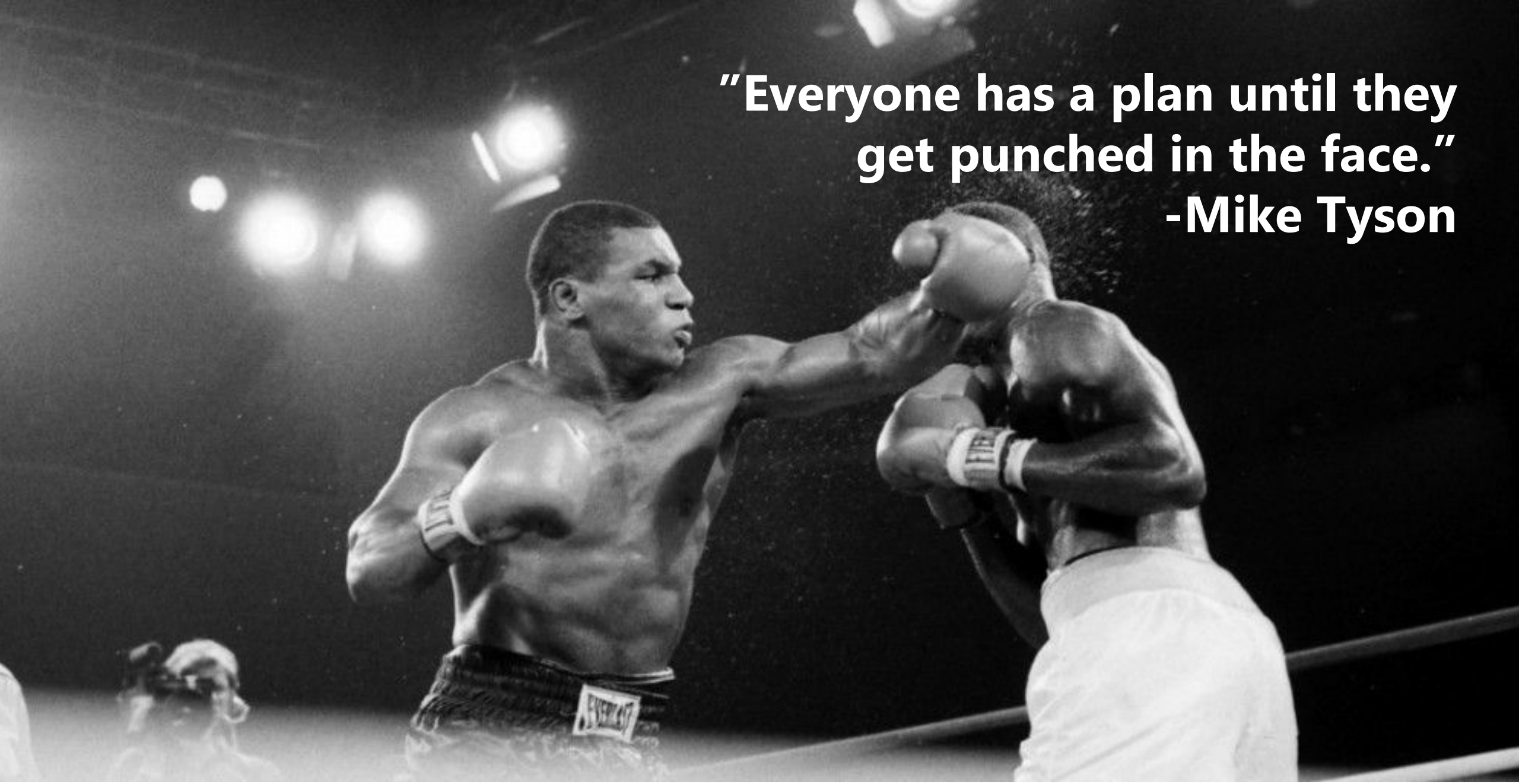
Hershel Jick, M.D.

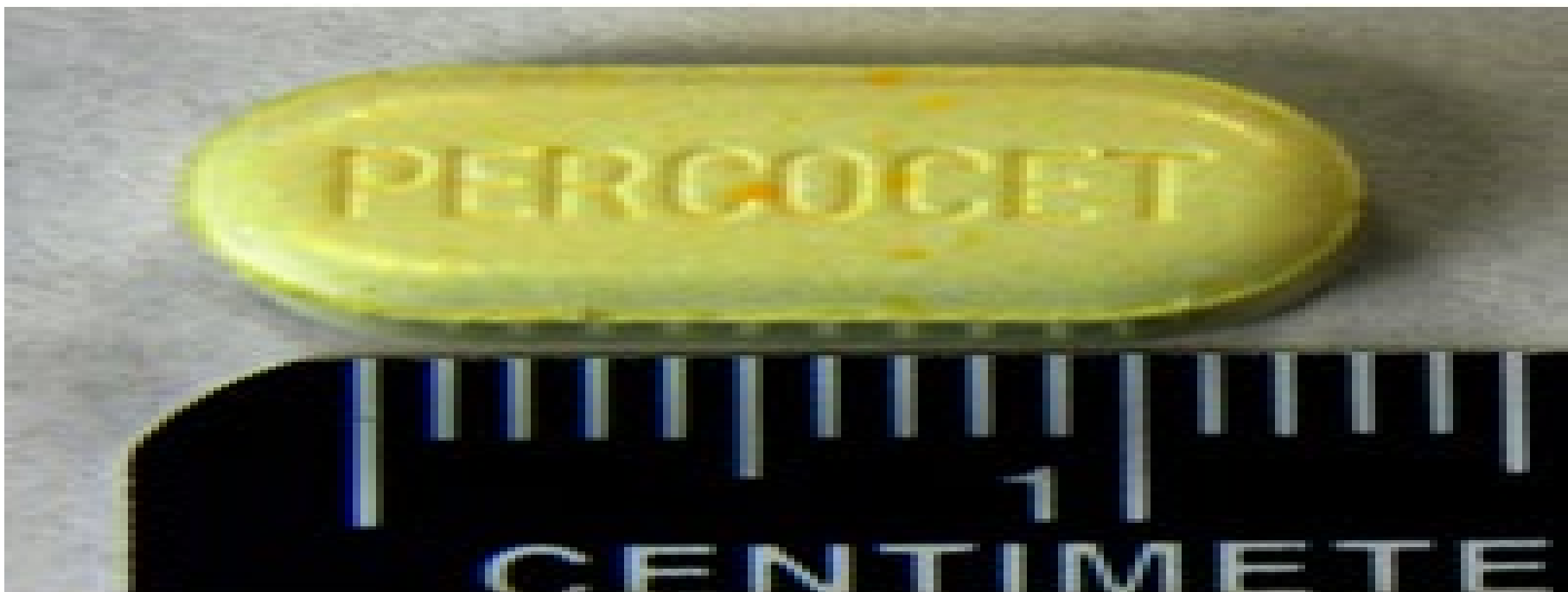
Boston Collaborative Drug Surveillance Program

Boston University Medical Center

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**“Everyone has a plan until they
get punched in the face.”
-Mike Tyson**







Medications to Treat Opioid Addiction

Medication	Brand names
Buprenorphine	Probuphine [®] (implant) *, generics, Sublocade [™] (extended-release injection)
Buprenorphine and naloxone	Suboxone [®] (under tongue film), Zubsolv [®] (tablets), Bunavail [®] (cheek film), generics
Methadone	Generics
Extended-release naltrexone	Vivitrol [®] (injection)

* Other extended-release buprenorphine formulations expected to come to market

Figure 1
How OUD Medications Work in the Brain



Methadone



*Full agonist:
generates effect*

Buprenorphine



*Partial agonist:
generates limited effect*

Naltrexone



*Antagonist:
blocks effect*

Contact Information

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- Check out our Website @ www.seventyx7.org
- info@seventyx7.org
- Like our Facebook page and give us a follow on Twitter!

Addiction is treatable, treatment works, and people recover.

SeventyX7.org

