

# **STOP! I'M ALLERGIC TO NARCAN**

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# **COURSE OBJECTIVES**

- **OBJECTIVE 1: MAKING OBJECTIVE PRESUMPTIVE DIAGNOSES OF SUSPECTED OPIATE OVERDOSES.**
- **OBJECTIVE 2: PROPERLY ASSESS AND MANAGE A PATIENT EXPERIENCING A SUSPECTED OPIATE OVERDOSE.**
- **OBJECTIVE 3: APPLY KNOWLEDGE OF THE PHARMACOLOGY OF NARCAN.**

# THE OPIUM POPPY

- **DERIVED FROM THE SAP OF OPIUM POPPIES.**
- **GROWN IN VARIOUS PARTS OF THE WORLD.**
- **SOUTHEAST & SOUTHWEST ASIA**
- **LATIN AMERICA**
- **MEXICO**





## **U.S.A. 1805**

- **MORPHINE & CODEINE ISOLATED FROM OPIUM**
- **MORPHINE USED AS A “CURE” FOR OPIUM ADDICTION**
  - **INCREASE IN MORPHINE ABUSE**



# QUICK STATS

- **PRESCRIPTION PAINKILLERS: 300K-500K PEOPLE, REPRESENTING A 75% INCREASE SINCE 2009.**
- **1999-2010: SALES OF OPIOID PAINKILLERS INCREASED 300%.**

# **BIG GAME CHANGER**

- **SES**
- **AGE GROUP**
- **LOCATION**
- **RECENT “TARGET” GROUP**

# **CLOSER THAN YOU THINK...**

- **FAMILY MEMBERS**
- **FRIENDS**
- **ROOMMATES**



# **ANOTHER SELF- PROCLAIMED BRANDON SMITH THEORY**

**“NO, NOT MY CHILD” THEORY**



# **SOME QUICK STORIES**

- **HEROIN OVERDOSE 2013**
- **ROOMING WITH ADDICTS**
- **“YOU ARE SAVING MY LIFE.”**
- **“IT TAKES AWAY YOUR MORALS.”**

# **NYS SEMAC 2013**

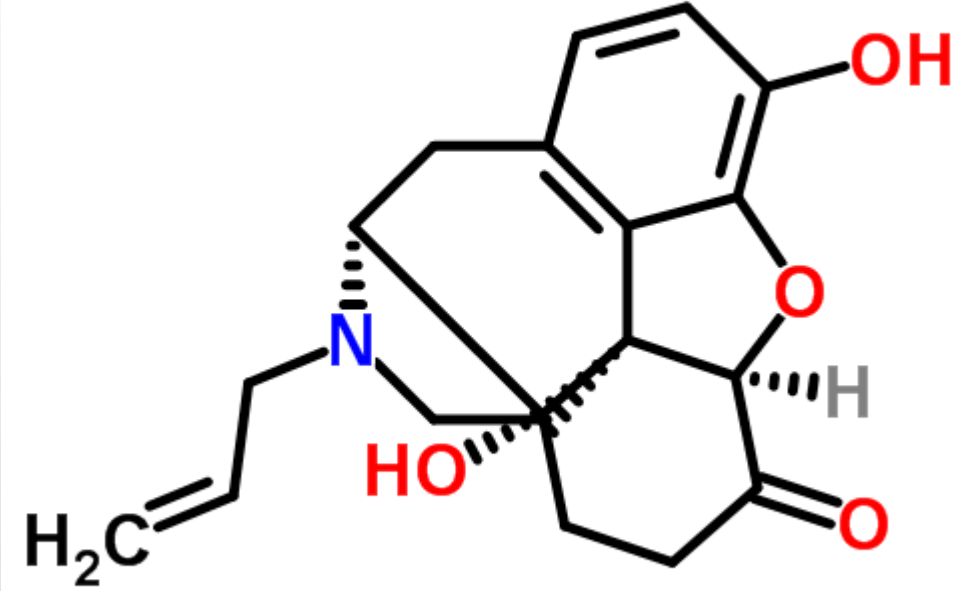
- **NYS EMS DEMONSTRATION PROJECT**
  - **2,035 EMT'S TRAINED**
  - **223 OPIOID OVERDOSE REVERSALS**
  - **NO ADVERSE EVENTS**
  - **NO SIGNIFICANT HAZARDS TO EMS PERSONNEL**
  - **10% OF REVERSALS ENTERED REHAB.**

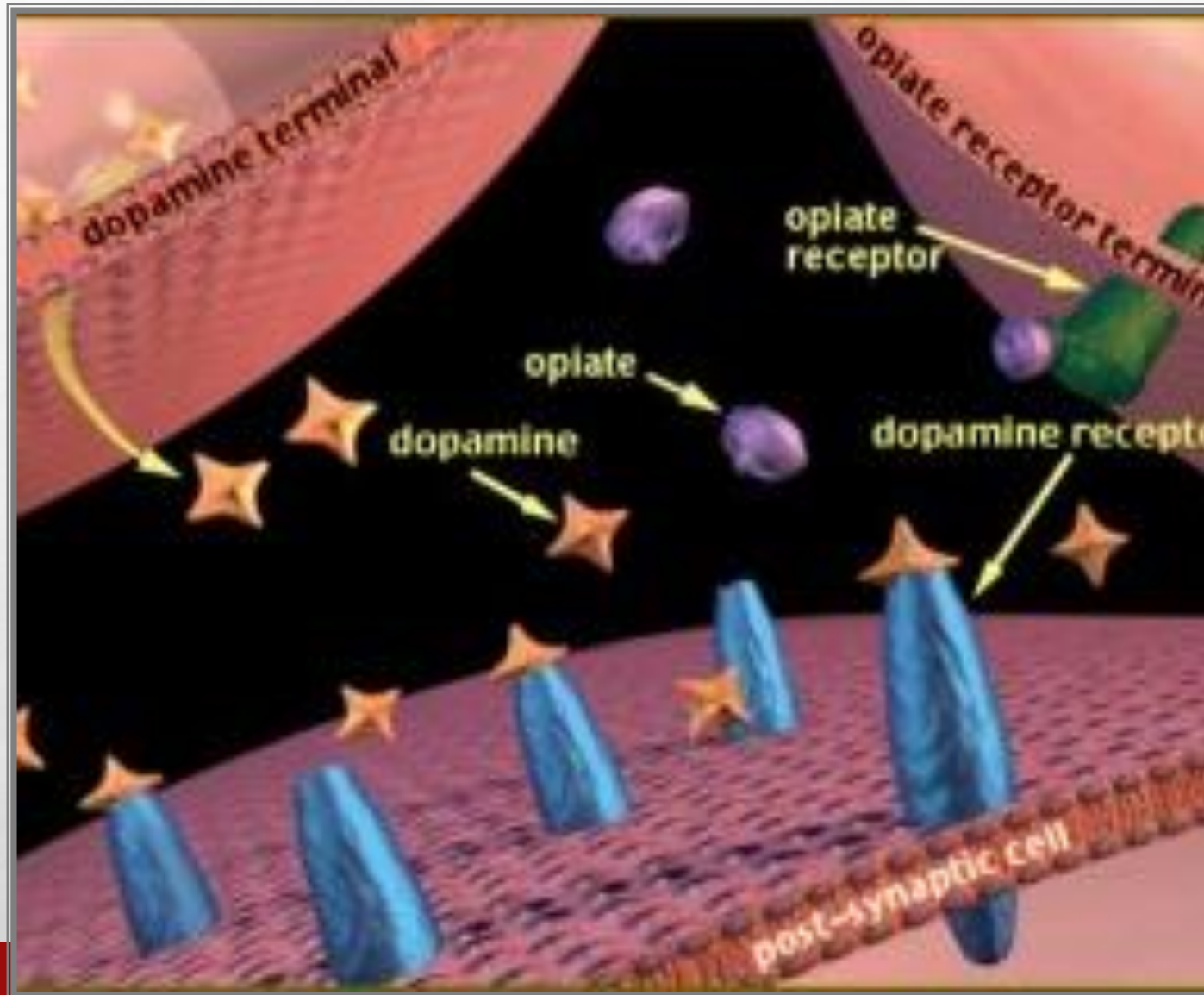
# **NARCAN 101**

- **MEDICATION CLASSIFICATION: SYNTHETIC OPIOID ANTAGONIST**
- **BLOCKS OPIOID ENTRY AT RECEPTOR SITE**
- **CHEMICAL NAME: NALOXONE**
- **TRADE NAME: NARCAN**

# NALOXONE

CHEMICAL STRUCTURE





# **DOPAMINE**

- **DOPAMINE IS RELEASED, PRODUCING FEELINGS OF EUPHORIA.**
- **AS THE OPIOID LEAVES THE RECEPTOR, OR IS BLOCKED, FEELINGS OF CRAVING AND/OR WITHDRAWAL MAY APPEAR.**



# COMPONENTS OF NARCAN ADMIN.





# INDICATIONS FOR NARCAN ADMINISTRATION



# INDICATIONS

- **FOR THE COMPLETE OR PARTIAL REVERSAL OF CNS & RESP. DEPRESSION, SECONDARY TO A SUSPECTED OPIOID OVERDOES.**
- **EVIDENCED BY:**
  - **RESPS <10/MIN.**
  - **SIGNS OF RESP. FAILURE OR ARREST**

- [HTTP://WWW.NYSVARA.ORG/NEWS/2012/SEPT/120926NASAL.PDF](http://www.nysvara.org/news/2012/sept/120926nasal.pdf)

# INDICATIONS

- **PINPOINT PUPILS**
- **NEEDLES PRESENT**
- **TRACK MARKS**
- **“YEA, I DID IT.”**

# **CONTRAINDICATIONS TO NARCAN ADMINISTRATION**



# CONTRAINDICATIONS

- **CARDIAC ARREST**
- **RECENT SEIZURE ACTIVITY EITHER BY REPORT OR SIGNS OF RECENT SEIZURE ACTIVITY (ORAL TRAUMA, URINARY INCONTINENCE)**
- **PEDIATRIC PATIENTS**
- **OPIATE USE FOR THERAPEUTIC PURPOSES PRESCRIBED BY A PHYSICIAN**
- **EVIDENCE OF NASAL TRAUMA, NASAL OBSTRUCTION AND/OR EPISTAXIS**

# PHYSICAL EFFECTS

- **VENOUS DAMAGE**
- **WEIGHT LOSS**
- **WITHDRAWAL SYMPTOMS**
- **DRUG-INDUCED PSYCHOSIS**
- **DISEASE TRANSMISSION**

# STIGMA / STEREOTYPE

- **“DRUGGIE”**
- **“THEY’RE SEEKING”**
- **“ONCE AN ADDICT, ALWAYS AN ADDICT”**
- **THIEVES**
- **MALINGERERS**



# PSYCHOLOGICAL EFFECTS

- **SHUNNED FROM FAMILY**
- **COMMUNITY**
- **FRIENDS**
- **CREDIBILITY**

# **ACCESSIBILITY TO TREATMENT SERVICES**

- **LIMITED**
- **LACK OF FUNDS**
- **JUST NOT INTERESTED**
- **NON-COMPLIANCE**

# BEYOND THE BOOKS...

- **DON'T JUDGE**
- **ALLERGIC? HERE'S SOME BENADRYL**
- **BOLUS AT THE DOOR**

# **DEMONSTRATION OF NARCAN ADMINISTRATION**

# **WHAT IS YOUR REGION DOING?**

- **PROTOCOLS VARY FROM REGION TO REGION**
- **OVERALL COURSE OF TREATMENT IS CONSISTENT**
- **WHO IS PARTICIPATING?**

# CONCLUSION

- **SAFETY FIRST**
- **CHECK YOUR PERSONAL BELIEFS AT THE DOOR**

- **YOU MIGHT HAVE BEEN BURNED BY  
AN ADDICT  
YOU MIGHT HAVE BEEN LIED TO BY  
AN ADDICT**

***...BUT WHEN IT'S TIME TO TREAT YOUR  
PATIENT → → →***



**QUESTIONS??**



- [HTTP://HANNEMANNFUNERALHOME.COM/BOOK-OF-MEMORIES/1640040/BARBAKOV-LENNY/INDEX.PHP](http://hannemannfuneralhome.com/book-of-memories/1640040/barbakov-lenny/index.php)

**THANK YOU, AND GOD BLESS AMERICA!**

