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
WAY BACK WHEN....

- GROWTH & CULTIVATION DATE BACK TO 3400 BC.
- ANCIENT CIVILIZATION OF MESOPOTAMIA
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 OVERDOSE.

• EVIDENCED BY:
  • RESPS <10/MIN.
  • SIGNS OF RESP. FAILURE OR ARREST
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

GOT TIME FOR THAT
QUESTIONS??
HTTP://HANNEMANNFUNERALHOME.COM/BOOK-OF-MEMORIES/1640040/BARBAKOV-LENNY/INDEX.PHP
THANK YOU, AND GOD BLESS AMERICA!