Integrating naloxone into community response utilizing the Project Lazarus Model to engage all possible “at-risk” population groups.

Each “Spoke” requires an individual approach for awareness, education, messaging, promotion and implementation of naloxone;

Community Education

- Awareness; acceptance and availability
  - Schools, facilities and buses
  - Public Libraries
  - Shelters
  - Domestic violence safe houses
  - Public transportation
  - Public venues

- Myths
- Signs and symptoms of overdose
- How to talk with your doctor
- Third Party prescribing and standing orders
Provider Education
• Behavioral health and substance use assessments
• Overdose Prevention Toolkit
• Patient/Family/Caregiver with Education
• Third Party prescribing
• Opioid Risk Stratification

Hospital ED Policies
• Patient/Family/Caregiver Education
• Naloxone provided/prescribe
Person with Pain Support
• Patient/Family/Caregiver information and education

Pharmacy
• Standing Order dispensing
  (reimbursement for patient engagement required)

Addiction Treatment
• Narcotic Treatment Programs
• Buprenorphine, methadone
• Recovery based programs
• Drug Courts, Probation
• Inmate Release

Law Enforcement/EMS/First Responders (Fire and Rescue)
<table>
<thead>
<tr>
<th>Naloxone</th>
<th>Standing Orders</th>
<th>Yes</th>
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<tbody>
<tr>
<td>MAT</td>
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<td>Yes</td>
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<td>Payor Source Coverage</td>
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<td>No-copay</td>
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<td>Co-prescribed – mandate?</td>
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<td>Yes</td>
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<td>ED Dispense</td>
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<td>Yes</td>
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<tr>
<td>Inmate Release</td>
<td></td>
<td>Yes</td>
</tr>
</tbody>
</table>
Save a Life.

Naloxone: The Overdose Antidote
Wilkes County Results

- Wilkes Scripts related to overdose
  2008 – 82%, 2011 – 0%
- Wilkes School SA incidences
  7.3 per 1000 2011-2012
  4.9 2012-2013
  3.4 2013-2014
  2.5 2014-2015
- SA ED visits down 15.3%
- Involuntary commitments reduced/Less SA calls
- Diversion Tips increased
- Crime 10% less

“I would say 90 percent of people illegally selling pills aren’t getting it locally. I think local doctors are doing a heck of a good job” with not prescribing excessively and to people with other than legitimate intentions. The pills in Wilkes Sheriff’s Office cases “mostly come from pain clinics outside the county,” said Dancy.
IMMEDIATE IMPACTS OF INTERVENTION STRATEGIES

Apostolos Alexandridis, MPH
UNC Injury Prevention Research Center
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+1-313-799-2447
OD ED VISITS PER 1k OPIOID SCRIPTS
A priori selected metric for risk-benefit

COALITION FUNDING HELPS
Funded coalitions had 18% lower rates than non-funded

PROFESSIONAL COALITIONS WORKING
Coalitions led by health departments had 26% lower rates

PRELIMINARY ANALYSIS
Much more to be done! Does not take into account the interventions themselves

IS THERE A “HEALTHY COUNTY” BIAS?
Propensity score modeling ahead

This decrease represents 4 fewer ED visits per 3,000 opioid scripts in counties with Health Department-led coalitions.

(20,000 NC ED visits - NC ED OD visit $12,000 – Medicaid $72 million 2014)
Evaluation of “Project Lazarus” finds reduction in opioid related deaths / UNC Gillings School of Global Public Health

- Prescriber education related to pain management and addiction treatment
- Policies designed to limit the amount of opioids dispensed in hospital emergency departments.
- Greater utilization of addiction treatment showed a delayed reduction in ED-related overdose visits.

"...What this study shows is that well-supported community coalitions are integral to helping Americans heal this terrible wound."


http://injuryprevention.bmj.com/content/early/2017/08/23/injuryprev-2017-042396
Venues to help build coalitions

Community forums must be repeated to motivate the necessary stakeholders to take action.
Please identify:

• The roles, activities, and plans your agency currently takes to address prescription drug abuse

• The needs your agency has when working with individuals who have difficulties with prescription drug abuse

• The resources, education, and/or support your agency could use to address the problem

• Positive outcomes that could arise from the sharing of resources and the expertise with other local agencies. Which agencies? What resources?

• Please list other agencies who need to know about your services

• Identification of people within your agency who can possibly contribute to a local speakers’ bureau

• Suggested Agencies, Organizations and Individuals for coalition membership.
What Coalitions Can Do

- Encourage informal communication links and relationships
  
  "get to know fellow members on a level providing insight into their daily lives."

- Build processes to promote consensus
  
  "consensus as a major goal" “Hasty decision-making fails to seek unified approval resulting in intergroup bitterness and disconnect.”

- Establish Distributive Power
  
  "Reduces feelings of being left-out, creating multiple leadership positions so specialists of subsets can assume leadership role in a given area.”
Increasing the Age of Initiation is Key

- Adolescents who begin drinking before the age of 15 are four times more likely to develop alcohol dependence. Each additional year of delayed drinking onset reduces the probability of alcohol dependence by 14%.¹

- Of youth who began drinking before age 15, 40% were classified as dependent later in life.²

- Children who first smoke marijuana under the age of 14 are more than five times as likely to abuse drugs as adults, than those who first use marijuana at age 18.³

- Research demonstrates that illegal drug use among youth declines as the perception of risk and social disapproval increases.

Hub & Spoke, Vermont
Streamlining opioid use disorder and integration into medicine

AnchorED, Rhode Island
Emergency Room embedded peer recovery support

START, Kentucky
Child Welfare intervention to parents with substance use disorders and services for the family.
Law Enforcement Assisted Diversion (LEAD) is a pre-booking diversion program to address low-level drug and prostitution crimes in the Belltown neighborhood in Seattle King County.

- Law enforcement officers redirect low-level offenders engaged in drug or prostitution activity to community-based services, instead of jail and prosecution. By diverting eligible individuals to services,
- The cost of the LEAD program averaged $899 per person per month. However, these costs included program start-up and decreased to $532 per month towards the end of the evaluation.
- Across nearly all outcomes, we observed statistically significant reductions for the LEAD group compared to the control group on average yearly criminal justice and legal system utilization and associated costs.
Syringe exchange programs are one of the most effective public health interventions for decreasing the transmission rates of HIV and other blood borne diseases such as hepatitis C, as well as connect users to treatment and other important needs such as housing or food assistance.

The federal Department of Health and Human Services currently maintains a webpage on the effectiveness of syringe exchange programs: http://www.samhsa.gov/ssp/
Community and Media
SAFE DISPOSAL OF PRESCRIPTION DRUGS

PROJECT LAZARUS

North Wilkesboro Police Dept.
& Wilkes County Sheriff’s Office
RX ABUSE AND DEATH

THEY GO HAND IN HAND
Save a Life
DROP’EM...
DON T’POP EM

Drug Dropbox

Haywood Co. Students Against Negative Decisions
Take a seat.
Take a breath.
Take a moment to be thankful for life.
And when using prescription medications:

Take Correctly, Store Securely, Dispose Properly, and Never Share.

Around 70% of people who misused prescription medications got the medication from a family member or friend.

Research has shown that those who unintentionally or intentionally use a medication not prescribed to them get access to the medication from someone who has a valid prescription. This means that the homes of family members, loved ones, and friends are all access sites to prescription medications.

By taking appropriate measures to ensure that medications are stored securely and disposed of properly, we can be certain that medications are not misused, abused, or diverted.

Unsecured and improperly disposed of medications are the number one source of access for children, teens, and those seeking to abuse or divert, which can unintentionally lead to misuse and overdose.

You can help prevent misuse, diversion, and overdose from prescription medications by:

- **Always taking your medications correctly.**
- **Storing your medications** in a lock box.
- **Disposing of your medications** by taking your unused or expired medications to a disposal dropbox at the Town of North Wilkesboro Police Dept., Wilkes County Sheriff’s Office, or Brame Huie Pharmacy.

**What is Accepted?**
- Prescriptions
- Cold & Flu Meds
- Pain Relievers
- Cough Syrups
- Topical Ointments
- Vitamins
- Pet Meds

**What is Not Accepted?**
- Needles
- Syringes

- **Never sharing your medication.**

For more information, please visit projectlazarus.org or call +1.336.667.8100.
PREVENT the problem, don’t BE the problem.

Lock Medications Up!

Wilkes Healthy Carolinians and Project Lazarus
Project Pill Drop

“Take Correctly, Store Securely, Dispose Properly, Never Share”

Always keep medications stored securely and out of sight from children and guests. Once a prescription has expired or no longer used, use a black felt-tip marker to obscure any personal information on your prescription label. Dispose of the medication at the nearest “Project Pill Drop” container near you.

Project Lazarus Disposal Containers Near You:

Help avoid drug abuse by bringing your unused and expired medications to a disposal container in your area. By taking appropriate measures to ensure that medications are stored securely and disposed of properly, we can be certain that prescription drugs and medications do not fall into the wrong hands.

Unsecured and improperly disposed of medications are the number one source of access for children, teens, and abusers, which can unintentionally lead to overdose and misuse.

What is Accepted?
- Prescriptions
- Cold & Flu Meds
- Pain Relievers
- Cough Syrups
- Topical Ointments
- Vitamins
- Pet Meds

What is Not Accepted?
- Needles
- Syringes

336.667.8100 projectlazarus.org
High on Life?
We are.
4 out of 5 teens are saying “No” to drugs. You can too.
Can you guess the number of pills in the bottle?

If someone is experiencing an overdose due to prescription medications or heroin, CALL 911!

Under the North Carolina Good Samaritan Law, you cannot be charged with small amounts of drugs, pills, or paraphernalia if you call for help.
STAND PROUD
STAND OUT

DRUG FREE

PROJECT LAZARUS ®
Step up to the challenge.

If someone is experiencing an overdose or poisoning due to prescription medications, heroin, or alcohol,

CALL 911!

Under the North Carolina Good Samaritan Law, you cannot be charged with small amounts of drugs, pills, paraphernalia, or underage drinking if you call for help.

Learn more at www.projectlazarus.org
The fundamental goal of the Commission is to improve the scope and effectiveness of federal help to stop the crisis.

- How can we make Medication Assisted Treatment available or affordable?
- How can we help with the intake path to treatment to be the most effective? *family intervention, physician referral, criminal justice alternative sentences, other?*
- Are there still barriers to naloxone distribution and use, and is there danger in encouraging continued distribution?
- What responsibilities do pharmaceutical companies have to stem the flow of diverted drugs? *Could additional tamper-proof formularies slow abuse?*
- What challenges does law enforcement face when encountering a user? *What is the impact of law enforcement resources and how do they intersect with mental and substance abuse services.*
The emergency response could be declared through the Stafford Act or the Public Health Service Act. Each statute has different implications, but here's what the declaration could mean:

— Accelerating HHS waivers to remove the "IMD exclusion" — allowing Medicaid funds for reimbursing services at an inpatient mental health facility that has more than 16 beds.

— The White House's opioid commission, led by New Jersey Gov. Chris Christie, raised the possibility that HHS could negotiate lower prices for naloxone, the drug that reverses opioid overdoses.

— Freeing up money in the Public Health Emergency Fund, although there isn't much in there to begin with. The fund is authorized to have only $45 million.
LEARN ABOUT THE
PROJECT LAZARUS MODEL

CLICK ANY PORTION OF THE MODEL TO FIND OUT MORE!

Fred Wells Brason II
fbrason@projectlazarus.org
Robert Wood Johnson Community
Health Leader Award 2012

STATEMENT OF R. GIL KERLIKOWSKE DIRECTOR OFFICE OF NATIONAL DRUG CONTROL POLICY EXECUTIVE OFFICE OF THE PRESIDENT 2013

“Project Lazarus is an exceptional organization—not only because it saves lives in Wilkes County, but also because it sets a pioneering example in community-based public health for the rest of the country.”