

The right panel of the image shows a blurred photograph of medical personnel in a field setting. Two individuals are visible, one wearing a green safety vest, working with medical equipment. The background is a warm, hazy landscape, possibly at sunset or sunrise. The text 'WHEN SECONDS COUNT' is overlaid in large white letters, and 'COUNT ON AMT' is overlaid in green letters below it.

# WHEN SECONDS COUNT

COUNT ON AMT

“AMT 4-in-1 Injector System Platform”

## WHO WE ARE

Action Medical Technologies (AMT) is an innovative, micro-small business, specialty pharmaceutical company that has developed proprietary injector platforms for a broad range of therapeutics and vaccines to meet the complex needs of medical personnel and first responders.

**AMT is uniquely positioned to deliver life-saving solutions.**

<https://ActionMedicalTech.Com>

## SUMMARY

# 4-IN-1 INJECTOR SYSTEM PLATFORM FUNCTIONALITY



Proprietary state-of-the-art injector platform to meet the complex needs of medical personnel and first responders.

Useful across a broad range of therapeutics.

Unique 4-IN-1 (IV, IM, IN, IO\*) rapid medication administration achieved with easy-to-use adapters.

Ultra-reliable, rugged, compact, needle-safe.

\* IM intramuscular IN intranasal IV intravenous IO intraosseous

## PROBLEM

# PREVENTABLE SUFFERING & DEATH



Currently available medication injector systems lack many of the features deemed ***absolutely essential*** by medical personnel.



Delivering medications from glass vials with syringes and/or obsolete auto-injectors is not optimal in pre-hospital and austere environments.



First responders must often save patients and deliver medication in difficult, hazardous, or chaotic locations: on battlefields, urban streets, crime scenes, mass casualty events, riots, in a desert, the Arctic, at sea, in jungles, et al.

Threats range from combat to accidents to illicit drug use to specifics like weaponized or accidental Opioid Overdoses to CBRNE\*.

\* Chemical, Biological, Radiological, Nuclear, and high yield Explosives



Patients with traumatic injury often require multiple methods of medication administration via IM, IN, IV, IO.



Current technologies, such as syringes and traditional auto-injectors, are suboptimal and can only deliver medication via one route of administration, intramuscular.



Prehospital care is often delivered in the most challenging environments - street, road, alley, sidewalk, field, building, vehicles, Life Flight. Auto-injectors are dropped, stepped on, smashed, or abused in these environments, they must be ultra-reliable and perform perfectly despite these extreme conditions.

## PROBLEM

# PREVENTABLE SUFFERING & DEATH

## PROBLEM

# PREVENTABLE SUFFERING & DEATH OPIOIDS

THE STATS ARE SOBERING, AND TRENDING IN THE WRONG DIRECTION

## Affordable Naloxone is Running Out, Creating a Perfect Storm for More Overdose Deaths, Activists Say

August 11, 2021

An affordable antidote for opioid overdoses has become more difficult to obtain amid a fatal epidemic, in what advocates have called a “perfect storm” with **deadly consequences**.

- Organizers say the **insufficient supply** has been felt unequally **across the country**.

- Estimated that the **250,000-dose [naloxone] backorder** so far could result in at least **11,000 overdose deaths**.

The past year [2021] has already topped records for **drug overdoses, more than 93,000**, with opioids and the deadly synthetic opioid **fentanyl** driving the death toll, according to preliminary data from the Centers for Disease Control and Prevention. **Overdose deaths involving opioids surpassed 69,000 in 2020.**

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**FENTANYL OVERDOSES** have surged to be the leading cause of death for adults between the ages of 18 and 45, according to an analysis of U.S. government data.

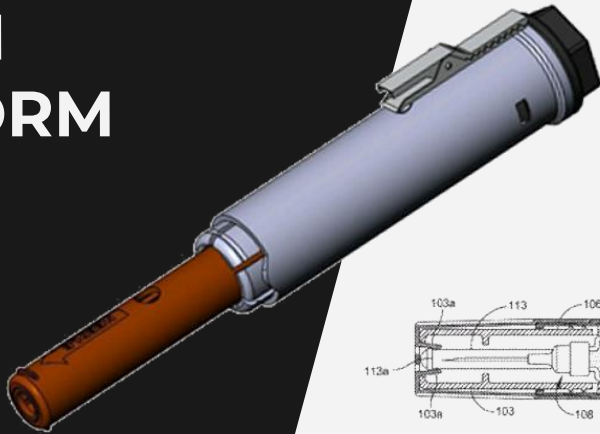
***For 12 Months ending July 2022 107,000 deaths from drug overdoses – largely opioids.***

*The Washington Post*

**AMT Delivered Naloxone Could Solve This Problem**

**SOLUTION**

# AMT 4-IN-1 INJECTOR SYSTEM PLATFORM



## INJECTOR

Engineered to address the limitations of currently available products.

Provide a rugged, flexible, durable platform to speed treatment by any of four (4) routes of drug administration.

Employ a simplified design - the spring is not under tension until activation, which allows for **extended shelf-life without risk of mechanical failure.**

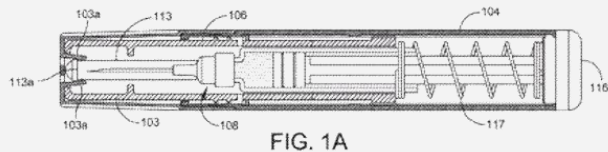


FIG. 1A

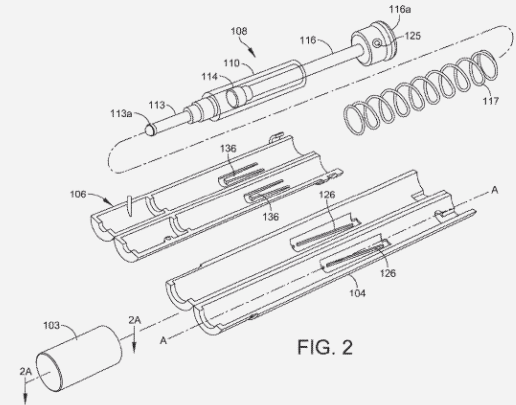
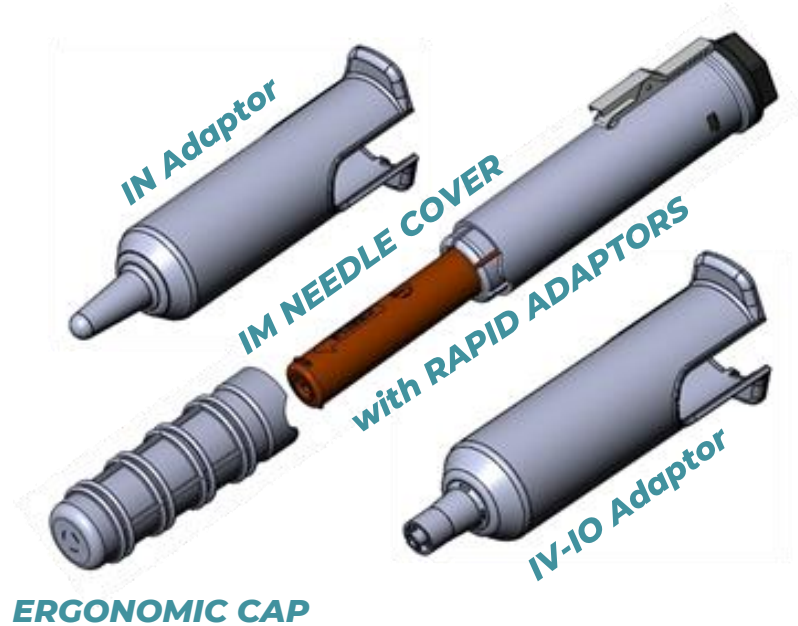


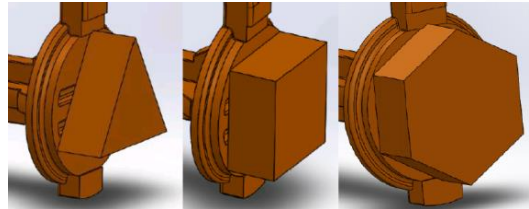
FIG. 2



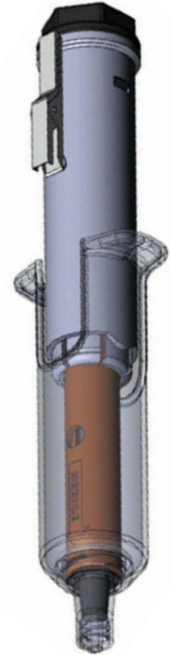
# 4-IN-1 INJECTOR PLATFORM SYSTEM



ALLIGATOR CLIP



HAPTIC SHAPES





# 4-IN-1 INJECTOR PLATFORM SYSTEM VIDEO

[https://www.youtube.com/watch?v=lyX\\_tLRIBQ](https://www.youtube.com/watch?v=lyX_tLRIBQ)

- 1 Minute Video
- Reliable Medication Delivery
- Right Route
- Converts in Seconds from  
IM to IN or IV or IO
- Hardened for Any Situation
- Needle Safe
- Clip-on as "Documentation"



# STRATEGIC PARTNERS

**Pii**

Pharmaceutics International, Inc



**NORTH AMERICAN RESCUE®**



**SIO2**  
MATERIALS SCIENCE™

 **Aphena**



 **Stevanato Group**  
PHARMACEUTICAL SYSTEMS

 **MOLDAMATIC™**  
CUSTOM INJECTION MOLDING

**West** 

**Duane Morris**

# GO TO MARKET



**NORTH AMERICAN RESCUE®**

12 February 2021

To:  
Frank Osborne  
Founder and Chief Executive Officer  
1495 Alan Wood Road  
Conshohocken, PA 19428

Dear Frank,

This Letter of Intent (LOI) proposes a partnership between North American Rescue, LLC (NAR) and Action Medical Technologies, LLC (AMT). This LOI expresses the commitments of the parties. It will be followed with a Distribution Agreement allowing NAR to exclusively sell the AMT Ketamine Injector to the U.S. Department of Defense (DoD) for the first 24-36 months after product launch, and to sell other AMT highly innovative injector platform technologies filled with various generic medications (e.g. epinephrine, naloxone, anti-chemical and biological warfare weapons, emergency medical medicines, etc.) to DoD, other U.S. government agencies, NATO and other allied nation's militaries, as well as Emergency Medical Services (EMS), and medical clinic/ hospital-based customers. This will include human and veterinary medications and range from emergency field medicines to medical and dental crash-carts as well as all hospital medical applications.

NAR will provide reasonable support to AMT to help it secure \$10 million or more in non-dilutive funding, in graduating steps, for the AMT Ketamine Injector and for other drugs used in the AMT injector technologies. NAR's support will include subject matter expertise and consultation from former U.S. Special Operations Combat Medics, assistance with seeking and navigating through various funding sources' processes, connection to NAR's extensive network of DoD and U.S. and allied government agencies' contacts, and facilitation of meetings/ product demonstrations with key decision makers and strategic clients within NAR's broad customer base.

It is also NAR's intent to fully leverage its first-in-class distribution capabilities and highly respected NAR brand to help AMT bring their injector devices to millions of customers worldwide. NAR is very excited and committed to supporting AMT in their pursuit of funding and ultimately, global distribution of their highly innovative lifesaving product. For years, NAR has heard the voice of the warfighter ask for a reliable, durable, and intuitive auto injector device to deliver analgesia and other critically needed medications on the battlefield. Until now, no other manufacturer has brought a viable solution to the market that meets the arduous requirements seen in combat or other austere environments. NAR recognizes AMT and their device as the right solution for the need and is proud to be partnered with this organization and aligned with the vision of their leadership.

Sincerely,

Robert Castellani  
Founder and Chief Executive Officer  
North American Rescue, Inc.

35 Tedwall Court • Greer, South Carolina 29650-4791  
Office: (864) 675-9800 • Fax: (864) 675-9890 • Toll Free: (888) 889-6277  
[www.NARescue.com](http://www.NARescue.com)

 **HENRY SCHEIN®**  
SOLUTIONS FOR HEALTH CARE PROFESSIONALS

North American Rescue (NAR) is a division of Henry Schein - \$12 Billion in revenue - providing health care products to millions of physicians, dentists, laboratories, government, institutional and other healthcare clinics world-wide.

## Decades of Medical Experience

### PEOPLE



#### **SES II (Ret) Douglas W. Bryce**

48 years of service. U.S. Government Joint Program Executive Officer, CBRN; acquisition for all chemical, biological, radiological requirements; managed all medical diagnostics, drugs, and vaccines; team of over 1,100 professionals and SMEs. U.S.M.C.

#### **GEN (Ret) Barbara Holcomb**

U.S. Army Major General (Ret) served 33 years as a leader in Nursing, Healthcare, Medical Research, and Logistics. Deployed multiple times to Iraq and northern Macedonia. Commanding General, Medical Research and Materiel Command and 25th Chief, Army Nurse Corps. Continues to serve as volunteer clinical nurse in Brooke Army Medical Center Emergency Department.

#### **Dr. Robert Kadlec, MD**

Former Assistant Secretary for Preparedness and Response (ASPR) at the U.S. Department of Health and Human Services with over 26 years as physician and U.S. Air Force officer. Dr. Kadlec has held senior positions in the White House, the U.S. Senate, and DoD. He specializes in biodefense, counterproliferation policy, CBRN, and national security and has accomplished goals through federal, state, and local partnerships. He has been honored as an Air Force Flight Surgeon of the Year, was a flight surgeon for the 16th Special Operations Wing, later became a surgeon with the 24th Special Tactics Squadron and was Special Assistant to J-2 for ChemBio to JSOC. Dr. Kadlec holds multiple medical degrees, is a graduate of the U.S. Air Force Academy, and has a master's degree in National Security from Georgetown.

#### **CAPT (Ret) Dr. Frank Butler, MD**

US Navy SEAL; SOCOM Command Surgeon; Creator and Chair of CoTCCC - Committee on Tactical Combat Casualty Care; Chief of Pre-Hospital Care US Army Institute of Surgical Research - Joint Trauma System.

#### **COL (Ret) Clinton George, DVM, DACVPM**

Chief of Radiology. Chief of Military Working Dog Procurement for DOD and TSA. Prior assignments include 19th Special Forces Group, 3d SFG (A), 64th Medical Detachment (VS), duty at 10th SFG (A) / Special Operations Command Europe, 1st SFOD Delta. Also assigned to Departments of State, Interior, Justice, and Homeland Security and over 8 years deployed to 56 nations, Co-Author K9TCCC Guidelines; published peer reviewed journal articles and taught thousands of medics.

#### **COL (Ret) Dr. Robert Mabry, MD, MBA**

Emergency Physician with 35+ years' experience as a military medic, civilian paramedic, EMS medical director, educator, researcher, and policy maker. He is the former Principal Deputy Assistant SecDef for Health Affairs and also served as the Joint Special Operations Command Surgeon. A former Airborne Ranger and Green Beret, he has deployed multiple times including to Mogadishu, Somalia where he was awarded the Distinguished Service Cross and Purple Heart. Dr. Mabry is also a Robert Wood Johnson Health Policy Fellow and a past president of the Special Operations Medical Association.



**Action Medical Technologies, LLC**  
**960 Brook Road, Unit 7**  
**Conshohocken, PA 19428**

**Frank Osborne CEO**  
**610-331-0582**