



PIROUETTE MEDICAL

Convenient healthcare, anywhere

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Portsmouth NH



Featured Investors

Y Combinator

Safar Partners

Liquid 2 Ventures

MAGIC Fund

10X Capital

Asymmetry Ventures



Y Combinator

YC has invested Airbnb, DoorDash, Stripe, Instacart, Dropbox, and Coinbase, and 3000 more startups

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Highlights

- 1 Pirouette's founding team are former rocket scientists, innovating on behalf of patients.
- 2 93% of patients want to switch to Pirouette's epinephrine auto-injector after seeing it in action!
- 3 Conor Cullinane, CEO, received his PhD in Medical Engineering and Medical Physics from MIT/Harvard.
- 4 Pirouette has 17 issued patents and owns all Intellectual Property for the Technology.

Our Team



Conor Cullinane Co-Founder, CEO & President

Conor obtained a PhD in Medical Engineering & Medical Physics at MIT and Harvard Medical School in the Health Sciences and Technology Program. He used to design planetary exploration spacesuits for NASA.



Matthew Kane COO

Matt earned a MSc in Aerospace Engineering from the University of Notre Dame where he developed and tested turbomachinery, which included performance and vibration analysis.



Elijah Kapas CTO

Eli received a dual BS in mechanical and civil engineering from Clarkson University. He has expertise in mechanical engineering, systems engineering, and computer aided design.

Pitch



Three Rocket Scientists Innovating for Patients



Conor Cullinane, Ph.D.
Co-Founder, President, CEO



Elijah Kapas
Co-Founder, CTO



Matthew Kane, M.Sc.
Co-Founder, COO



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On the Shoulders of Giants



Surbhi Sarna



Joe Nemmers



Kathy Reinke, RN



Tom Hook



Mark Bubak, MD



Auto-Injector Platform

Which Would You Choose?


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Injectors haven't changed in over 50 years – just plastic around a syringe.

 Too Expensive. Too Difficult to use.

*Devices to Scale



Auto-Injector Platform

The Future of Drug Delivery


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Intuitively Simple.

Inexpensive.

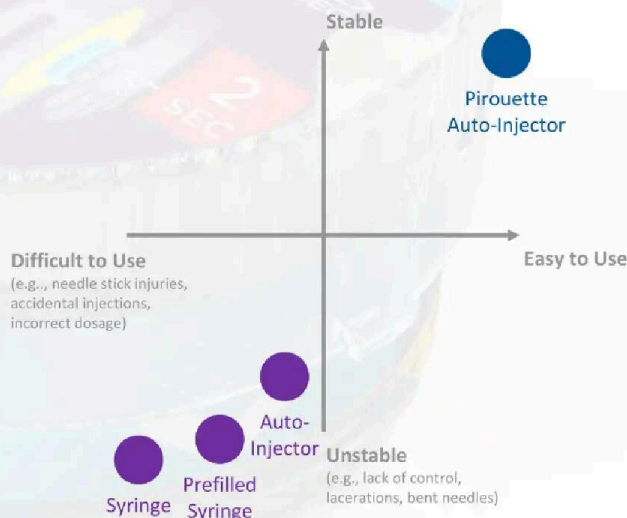
Platform Device.



A Totally New Approach

The only intramuscular injector that can offer:

- A large 2-inch diameter **stable base**.
- An **adhesive** to hold the device on location.
- High aspect ratio (**wider than it is tall**) for stability.
- One-handed operation.
- **Unparalleled usability** so untrained naïve passersby can successfully complete an injection the first time, every time.



Elegantly Designed to Reduce COGS

COGS (Single Device) = **\$13 at GTM**
 COGS < **\$3 at Scale**

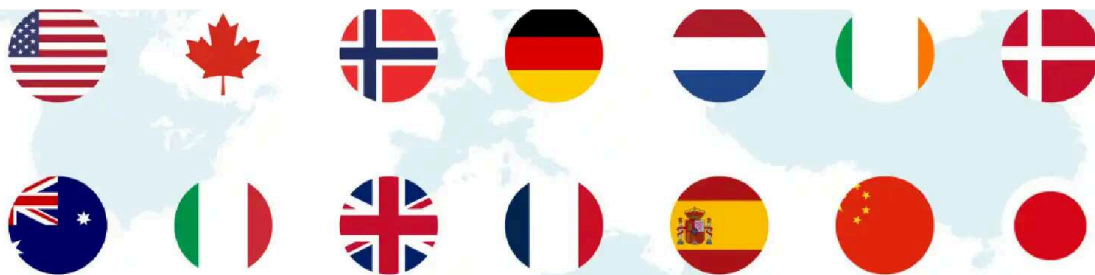
The same **platform auto-injector** is used across drug products, so the **economies of scale** from all markets feed back into a **universal reduction in COGS**.

Design for Manufacturing (DFM) Principles were applied at each step, and industry standards were used wherever possible.

- **Material Selection** (i.e., medical grades).
- **Component Design** (i.e., reducing part counts, simplified parts, reducing critical dimensions and specialized surface finishes).
- **Assembly Design** (i.e., modular assemblies).
- **Final Device Design** (i.e., simple spring-based mechanical system).
- **Manufacturing Process Selection** (i.e., no fasteners, high throughput, automation ready).



A Strong Intellectual Property Position



18 Issued Utility Patents

Every time we receive a notice of allowance, we file an additional continuation to deepen the IP moat and to keep the patent family alive. Currently we have **7 more patents pending globally**.

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Auto-Injector Platform

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Manufacturing Capability: 1K+ ft² ISO Class
8 Cleanroom for Fluid Pathway Assembly.

QUICPUSH
(Epinephrine)

\$95/2-Pack

Pairing Our Innovative Auto-
Injector with Epinephrine to
Treat Severe Allergic Reactions

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quicpush®

Epinephrine Auto-Injector

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REZQGO
(Naloxone HCl)

\$47.50/Device

Pairing Our Innovative Auto-Injector with Naloxone HCl to Treat Opioid Overdose

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PIR-06 is the internal project number for REZQGO, our Naloxone Auto-Injector. We will go through brand development for REZQGO once the FDA has provided contingent approval on that proprietary name.

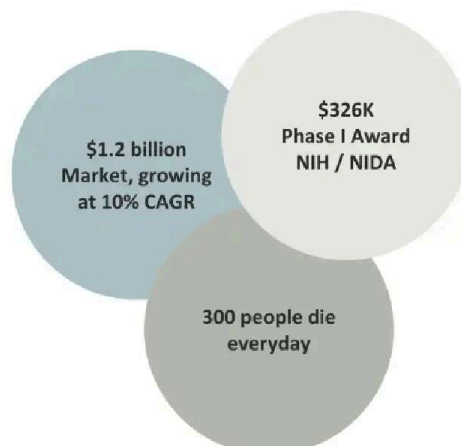
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REZQGO
(Naloxone HCl)

NIH / NIDA Support Pirouette to Save Lives

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The opioid overdose market is a major focus for the FDA and US Govt.



NIH National Institute on Drug Abuse
Advancing Addiction Science

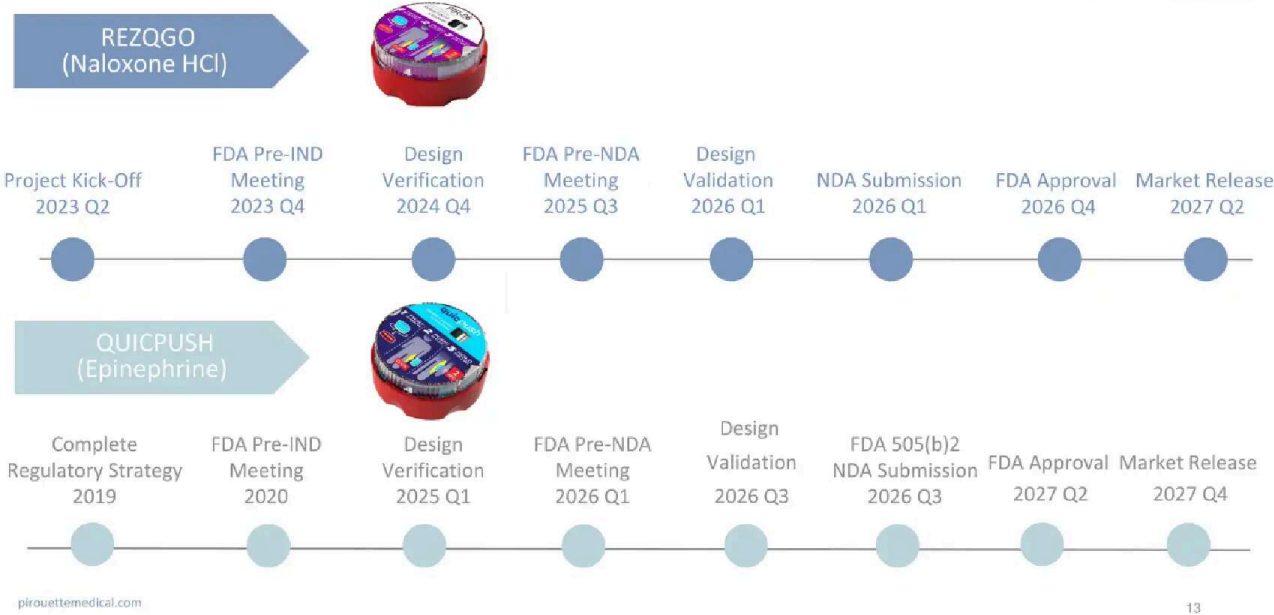
\$3M

Pirouette is currently seeking a \$3M follow-on Phase 2 Award.

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Timeline for Commercialization



Forward-looking projections cannot be guaranteed.

