**Project Name:** Enhancing Extraction at the Muscle **Faculty Supervisor:** Dr. Fatemeh Jazinizadeh **Industry Contant:** Elv8 CEO, Bren Kugamoorthy

## Overview

Our project focuses on refining an innovative portable device designed to optimize extraction at the muscle. The current prototype is easily inserted into the mouth, covering the nose, with a discreet external engine. This engine enhances circulatory flow, reduces hydrogen ion accumulation, and increases extraction at the muscle fiber.

## Milestones

1. Comprehensive Research:

Understand the current mechanism and identify areas for improvement through a thorough product and market search.

2. Optimization:

Utilize gathered insights to refine the portable device's hardware, electrical components, and software engineering.

3. Final Design:

Comprehensive report documenting the process of the mechanism, materials needed to build, how to enhance existing prototype (including patent research), and conceptual design of the product with a full blue print and sketch.