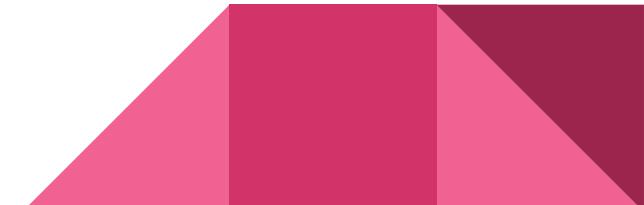


# SenSore

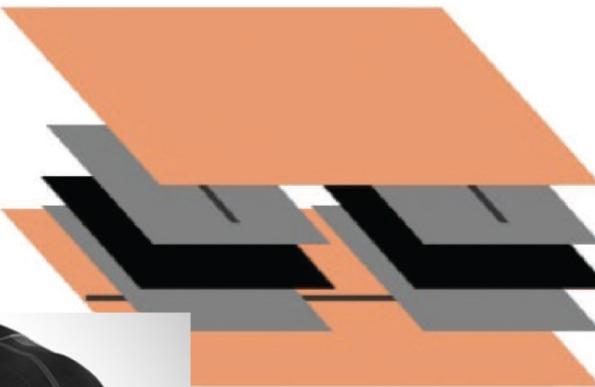
Jad Elgaali and Abhi Kakuturu

# The Product – What do you sell?

- Sensorized garments and custom pressure sensors
  - Non-invasive health data collection
  - Pressure-point collection
- Compression sock with pressure sensor integrated into the fabric
  - Indicate pain points on the foot
  - Recommended areas to increase support and flexibility



# Wearable Technology



- a. Non-conductive fabric
- b. Conductive thread
- c. Conductive fabric
- d. Pressure sensitive material
- e. Conductive fabric
- f. Conductive thread
- g. Non-conductive fabric

# The Problem – What is the need/opportunity?

- Current sensor technology can be improved to be more sensitive

- Moisture (sweat) impedes data technology
  - Diversification of sensor technology and readout
    - Some sensors only collect specific data types
      - Temperature
      - Pressure
      - Motion



- A garment integrated multi-function sensor with real time data output is missing
    - Incorporates multiple forms of data types
    - Data can be used in real time to adjust fit and alert to pain points

# The Solution – What's your “secret sauce”?

- Provides feedback on diabetic patient's condition
- Integrated with BiolinQ continuous glucose monitor
  - Potential for Strategic Alliance
  - Track patient's condition in correlation with change in blood glucose
- Provides real time feedback
  - Patients and physicians can use this information to make informed patient care/treatment plan
  - Athletes can use this data to track points of discomfort and “change their game” to reduce chance of injury

# Why Choose Our Product?



Our product is:

- Integrated
- Customizable
- Upgradeable

Licensing opportunities:

- Sports apparel companies
- Universities and research labs



# The Team- Who you are and Why you?

- We are prospective medical students with an interest in biotechnology and a background in life sciences
- Master's in Biomedical Informatics
  - Understanding the implications of health data and how to access and utilize it
- We are designing a product that incorporates the best of the currently available technology on the market
  - Reduce risk of diabetes related amputations
  - Increased comfort and better performance for athletes

# Next Steps – Short term goals/needs, desired mentor skill sets

- Form a **Strategic Alliance** with Biolinq
  - License or reach agreement with Biolinq to use their continuous glucose tracker
  - Not competitors
- Hire engineers and data scientists to **design the pressure sensor**
  - Integrate pressure sensor into the compression sock
- Production facility to manufacture the sensor and sock
- Mentor with **experience in execution**
  - Experience with wearables and biotech a plus
  - Help with **funding**



Thank you!