**Gore Bio-Electric Team Meeting – October 9, 2017**

**Meeting started at 12:15 pm**

**Members Present**

Tim O’Rourke

Bray Moll

Justin Havely

Zaoyi Chi

Ariel Autrand

Diego Garcia

Qingkun Liu

**Members Not Present**

Andrew Mullen

**Discussion of Previous Research**

* Consider the market share that can be reached by each design.
  + Every medical device has a breakeven point that it must reach for the decision to make economic sense to a company.
  + Carefully consider decisions that would limit the percentage of the population that a device would work for. For example a charging device that is built into a stent would limit the number of patients that would benefit from that device, reducing the number of units that could be sold
  + It is recommended to create a standalone device to reach the highest population percentage.
* Change how we address and think about **“Engineering Requirements”** to **“Target Specification”**
  + **Reliability**
    - It was recommended to not focus on the reliability target that was previously developed during the prototype and development phase.
    - The manufacturing yield may be characterized, but should not be a significant target specification during the prototyping phase. For example we might note that we had a failure of 50% in manufacturing, but here is why and here is how things will be addressed if we moved out of prototyping and into manufacturing.
  + **Durability**
    - The previous target specification of a 2 hour run with no more than a 30% drop in power output would not adequately replace the current method of using a battery.
    - It was requested that we provide evidence that the device would have a life cycle of at least 10 years.
  + **Location**
    - The target specification of 1.5m may still be limiting. It was recommended to adjust this target to 2 m until more details are known.

**Future Business**

**Schedule Next Gore Meeting**

* The next meeting with Gore will be Monday October 23, 2017 at 12:00 pm in the Oak Creek Conference room in Echo Ridge.

**Meeting Adjourned at 1:00 pm.**

Meeting minutes Prepared by Bray Moll