

**Selection Criteria:**

1. No sharp edges
  - a. Since it is a medical device and the user will be interacting directly with the device it is important to make sure there are no edges where the user could get caught or scraped or otherwise injured.
2. Comfortable
  - a. The device needs to be comfortable for the user to sit on, otherwise no one will want to use the device and you don't want to cause the user any pain or discomfort.
3. Cost of materials
  - a. The material needs to be high quality to be bio resistant/chemical resistant but the lower the price, the cheaper the device will be to manufacture.
4. Manufacturing Time
  - a. The more advanced the design of the device the longer the manufacturing time, increasing the manufacturing time will increase the cost of the device which will increase the selling price of the device.
5. Visually Pleasing
  - a. No one will want to use the device if it looks like an electric chair so it is important that the device looks inviting and safe for the user to use
6. Does not hinder other types users
  - a. The device should allow for all types of users in all the ranges of mobility and does not hinder any group from using the device based on some features.