In the budget section, I will talk about these three parts.

The first one is the cost estimating. To estimate the cost of this project, our team first list all of the resources that must be calculated in the budget. Secondly, we explore the whole present market to predict the value of these resources. Finally, 65 million dollars is determined as the overall estimated budget for project. This figure shows the weight of each resource in the budget.

You may think that 65 million dollars is just a huge fortune. Don’t worry, this table shows the cost in each year. You will find it is not so that much if you divide it into 8 years. However, it will still be a big problem if we can not get the money back after finishing the project. To answer this, let us do a simple calculation first. Our budget is 65 million dollars. As mentioned before, there will be 50,000 people waiting for the heart transformation each year, our price for one 3d-printing heart will be 100,000 dollars. 70% of the money will be kept by the hospital and the other 30% will be given to us. You can see, we can get it back less than one month. Furthermore, the business model is also shown in this calculation, our team will cooperate with the hospital. The hospital will prepare the information of the patients’ heart and do the heart transformation surgery, we only print the heart and transport it to the hospital.

This cost base line is determined to control the actual cost during the run of the project. For each month, the project manager must track the actual cost, the schedule of each task and calculate these things to predict the future cost. Based on the result, the manager and the stakeholders should make decisions on changing the budget or just using the reserves.

1. Why card?

2. Why price 100,000?

References

More than 5000 cardiac transplants occur each year around the world. And it is estimated that up to 50,000 people are candidates for transplantation.

The price about artificial heart operate is around $100,000.