

Project Z

Status: Filled

Group Members: Erfan Sadeghi- Mechatronic Systems
Engineering

Project Description

Problem Statement

The rejection rate of severed organ after being cut off the human's body at the hospitals are very high. The reason for this unfortunate incident is mainly caused with the way paramedics transport the organ to the hospital.

The wet side is where the liquid floats from the box. The Inner part is the where the body organ is located.

References:

1. Ziegler-Graham K, MacKenzie EJ, Ephraim PL, et al. Estimating the prevalence of limb loss in the United States: 2005 to 2050. *Arch Phys Med Rehabil* 2008;89:422-429.
2. Shale CM, Tidwell JE 3rd, Mulligan RP, et al. A nationwide review of the treatment patterns of traumatic thumb amputations. *Ann Plast Surg* 2013;70:647-651.
3. Livingston D, Keenan D, Kim D, et al. Extent of disability following traumatic extremity amputation. *J Trauma* 1994;37:495-499.
- 4.