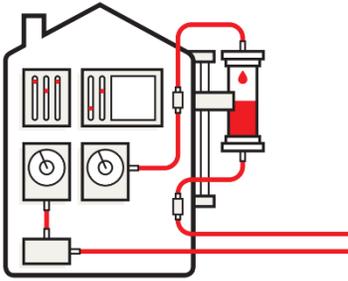


Kidneys are two bean shaped organs that are located behind our back, aligned to our elbows. Though these two organs are the same size of our fist, they play an important role in our body that when they fail it impact our health drastically from expelling waste and excess fluid to regulating our blood pressure. When our kidneys are chronically damaged, they don't regenerate resulting to dependency to life-long treatment.

Hemodialysis is a type of a renal replacement therapy that is being done when a person's kidney fails. It is a blood purification treatment that uses a filter which acts as an artificial kidney to replace the kidneys' excretory function. During hemodialysis, the patient's blood passes through this filter and returns back to the body in a multiple cycle.

Over the years, hemodialysis is usually performed in the hospitals or hemodialysis centers but with the improvement of practice over the years, home hemodialysis was introduced for patients to improve their quality of life.



Benefits of home hemodialysis:

1. **Improved patient outcomes** by decreasing incident of hospital acquired infection, improved blood pressure and reducing stress.
2. **More patient and family involvement** in hemodialysis treatments. More support system and involvement!
3. **Time flexibility.** Dialysis can be done anytime and does not need to run after schedules in the hospital.
4. **Reduced cost of travel related expenses.**
5. **Better understanding on treatment.**
6. **Better quality of life!** Patients on home hemodialysis can enjoy their life better, can regularly attend work, enjoy their time with their family.

Trivia!

Do you know that your kidneys play an important role in producing blood? Our kidneys release a hormone called **erythropoietin** which is responsible for the production of red blood cells in our body!

Trivia!

Do you know that infection is one of the leading causes of mortality with hemodialysis patients? One of home hemodialysis advantage is to lower the risk of hospital acquired infections!

