

CKD Education

TREATMENT OPTIONS (PERITONEAL DIALYSIS)



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STAGE 5 CKD: KIDNEY FAILURE

Despite treatment and effort, kidneys can still fail.

- CKD tends to be progressive

Kidney functions falls below 10-15%.

- Symptom burden increases

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TREATMENT OPTIONS

- ☑ Peritoneal Dialysis
- ☑ Hemodialysis
- ☑ Transplant
- ☑ Medical Management

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DIALYSIS

A LIFE SAVING TREATMENT FOR KIDNEY FAILURE

Does some of the work of healthy kidneys.

- Removes waste products from your blood
- Removes excess fluid from your blood
- Improves balance of various chemicals and electrolytes

DIALYSIS DOES NOT CURE KIDNEY FAILURE

But it may allow you to feel better and live longer than without dialysis. Regardless of type of dialysis, you can still:

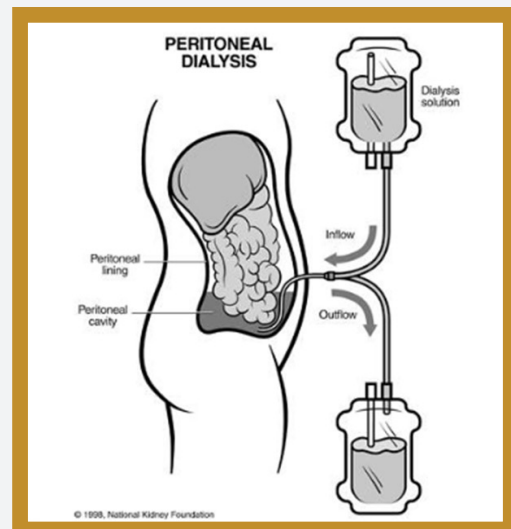
- Enjoy activities and hobbies
- Exercise
- Work / go to school
- Travel
- Care for your family



PERITONEAL DIALYSIS

Peritoneal dialysis uses the lining of your abdominal cavity to filter the blood. It takes place inside your body.

- It is a learnable skill
- Is done at home
- Must be done every day
- Provides more gentle dialysis
- Can be done using gravity or using a machine overnight
- Requires surgical placement of a PD catheter



Process requires several “exchanges” of dialysate fluid every day.

1. Abdomen is filled with dialysate fluid through the catheter.
2. Fluid stays within the abdominal cavity (“dwell”). During this time, you can go about your day while the fluid dwells (4 hours).
3. Afterward, fluid is drained out.
4. On average, 4 exchanges per day.

TYPES OF PERITONEAL DIALYSIS

① CONTINUOUS AMBULATORY PERITONEAL DIALYSIS (CAPD)

- Done during the course of your day
- Uses gravity, no machine required

② AUTOMATED PERITONEAL DIALYSIS (APD)

- Done overnight, while you sleep
- Utilizes a machine (cycler)

PERITONEAL DIALYSIS

- Placed surgically (outpatient procedure)
- Typically placed 2-3 weeks before use

»»» PROS

- May help to preserve residual kidney function
- You can do it at home!
- Able to travel
- More gentle dialysis
- More flexibility with dietary recommendations
- No needles required

»»» CONS

- No days off
- Swimming/bathing restrictions
- May cause blood sugar fluctuations
- Requires storage space at home
- Risk of infection with catheter

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PERITONEAL DIALYSIS SUPPORT

Despite being done at home, you have access to a robust team to help with your care.

- Physician (nephrologist)
- Dialysis nurse
- Dietitian
- Social worker

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QUESTIONS?

InterMed Consultants has been providing renowned kidney care in the Minneapolis area, as well as greater Minnesota, since 1979.

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