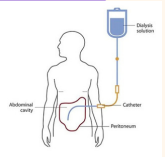


WHAT IS PERITONEAL DIALYSIS?

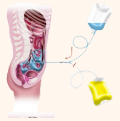
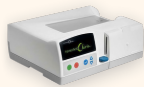
DEFINITION



- Peritoneal Dialysis is a convenient, home-based treatment that can be carried out at home or in the workplace, which uses the lining of your abdomen to filter your blood inside your body.
- A soft tube is placed in the abdomen, called a catheter.

There are **two** options:

1. Automated Peritoneal Dialysis (APD)



2. Continuous Ambulatory Peritoneal Dialysis (CAPD)

ADVANTAGES OF PERITONEAL DIALYSIS

- No needles are required for Peritoneal Dialysis (PD).
- Has better preservation of remaining kidney function.
- You do not need to travel to a dialysis centre as dialysis treatment as it can be carried out at home.



APD:

- Uses a machine called a cycler,
- Three phases: 'FILL', 'DWELL', 'DRAIN and DISCONNECT',
- These processes happen 4 - 6 times during the night while you sleep.



Machine will automatically drain out waste solution and will automatically fill in fresh dialysis solution into peritoneal cavity



Dwelling of dialysis solution in peritoneal cavity allows dialysis to take place.

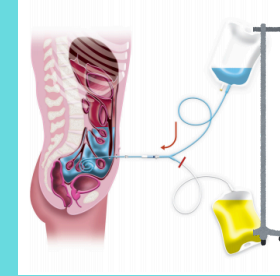
Once the dwelling process is complete, the waste solution will be drained from the peritoneal cavity into a drainage bag.



Disconnect the used tubing set from your catheter

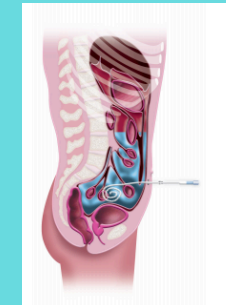
CAPD:

- CAPD is done manually.
- Typically 3-4 exchanges per day (morning, afternoon, late afternoon, and evening)
- interval of 4-6 hours.



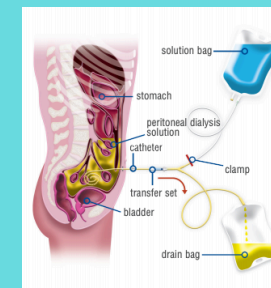
FILL PHASE

- The solution is hung from an IV pole, and gravity allows it to flow into the abdomen.



DWELL PHASE

- Dialysis solution will remain in your peritoneal cavity to allow dialysis to take place in the dwell phase



DRAIN PHASE

- After the dwell time, a new bag is attached and the used solution is drained into an empty bag

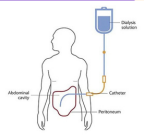
Reference:

- BAXTER (n.d.). Chronic kidney disease: A general guide on understanding the disease, symptoms, and treatment options <https://www.mayoclinic.org>.

For further information or any inquiries, please contact:
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APAKAH ITU PERITONEAL DIALYSIS?

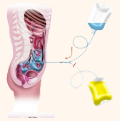
DEFINISI



- Dialisis Peritoneal ialah rawatan yang mudah, boleh dilakukan di rumah atau di tempat kerja, yang menggunakan lapisan dalam abdomen anda untuk menapis darah anda di dalam badan.
- Satu tiub lembut dimasukkan ke dalam abdomen, yang dikenali sebagai kateter.




Terdapat **dua** pilihan:

1. Dialisis Peritoneal Automatik (APD)



2. Dialisis Peritoneal Ambulatori Berterusan (CAPD)

KEBAIKAN PERITONEAL DIALYSIS

- Tiada jarum diperlukan untuk Dialisis Peritoneal (PD). 
- Fungsi buah pinggang yang masih ada dapat dipelihara dengan lebih baik. 
- Anda tidak perlu pergi ke pusat dialisis kerana rawatan ini boleh dilakukan di rumah. 

APD:

- Menggunakan mesin yang dipanggil cycler,
- Tiga fasa: 'FILL' (SALUR), 'DWELL' (TAHAN), DRAIN (SALIR),
- Proses ini berlaku 4 hingga 6 kali sepanjang malam semasa anda tidur.



Mesin akan mengeluarkan larutan buangan secara automatik dan menyalurkan larutan dialisis yang baru ke dalam kaviti peritoneal secara automatik



Larutan dialisis yang dibiarkan berada dalam kaviti peritoneal membolehkan proses dialisis berlaku.

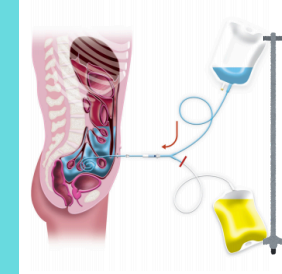
Sebaik sahaja proses dwelling selesai, larutan buangan akan disalurkan keluar dari rongga peritoneal ke dalam beg saliran.



Tanggalkan set tiub yang telah digunakan daripada kateter anda

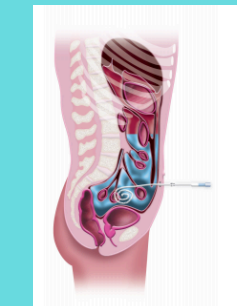
CAPD:

- CAPD dilakukan secara manual.
- Biasanya terdapat 3-4 pertukaran dialisis setiap hari (pagi, tengah hari, lewat petang, dan malam)
- dengan selang masa 4-6 jam.



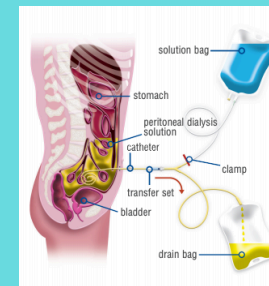
FASA PENYALURAN

- Larutan digantung pada tiang IV, dan graviti membolehkannya mengalir masuk ke dalam abdomen.



FASA 'DWELL' (TAHAN).

- Larutan dialisis akan kekal dalam rongga peritoneal anda untuk membolehkan proses dialisis berlaku semasa fasa dwelling.



FASA PENYALIRAN

- Selepas tempoh dwelling, beg baru dipasang dan larutan yang telah digunakan disalurkan ke dalam beg kosong.

Rujukan:

- BAXTER (n.d.). Pilihan rawatan buah pinggang anda: Panduan umum untuk memahami penyakit buah pinggang gejala dan rawatan pilihan <https://www.mayoclinic.org>.

Untuk maklumat lanjut, sila hubungi:
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