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Catheter Adhesions in the Fallopian Tubes And Uterus as a Cause of CAPD Malfunction

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Case Study : Peritoneal dialysis (PD) catheter malfunction is one of the complications that occur in PD. Catheter malfunction can be caused by entrapment,catheter malposition and result in obstruction. We reported one case of a 33 year old woman with PD malfunction due to obstruction caused by adhesions in the fallopian tubes and uterus. A 33 year old woman admitted to Wahidin Sudirohusodo Hospital, with complaints that CAPD cannot be used for the last 3 days. Laboratory examination showed; urea 71 mg/dl; creatinine 2.25 mg/dl; sodium 141; potassium 4.6; chloride 112, BNO : catheter tip on pelvic cavity on level CV S2 - S3. The patient was diagnosed with CKD G5D on CAPD with Catheter Malfunction. Laparoscopy was identified adhesion PD catheter in the left fallopian tube and uterus, so adhesiolysis was carried out and the PD catheter was moved to the vesicouterine space.The incidence of catheter dysfunction due to mechanical problems varies from 2% to 36%, but decreases with the use of laparoscopy as the insertion technique. Of all the mechanical complications,catheter adhesions in the fallopian tubes and uterus are a very rare cause of malfunction,this can manifest clinically with pain in the iliac area and fluid leakage in the vagina. Laparoscopy is the technique of choice for diagnosis and treatment. In this patient,CAPD adhesions were identified in the left fallopian tube and uterus during laparoscopy,then adhesiolysis was performed and the CAPD tube was moved to the vesicouterine space. Currently the CAPD process is running normally. Case of a 33 year old woman with CAPD malfunction caused by adhesions in the fallopian tubes and uterus has been reported. Adhesiolysis was carried out via a laparoscopic procedure.