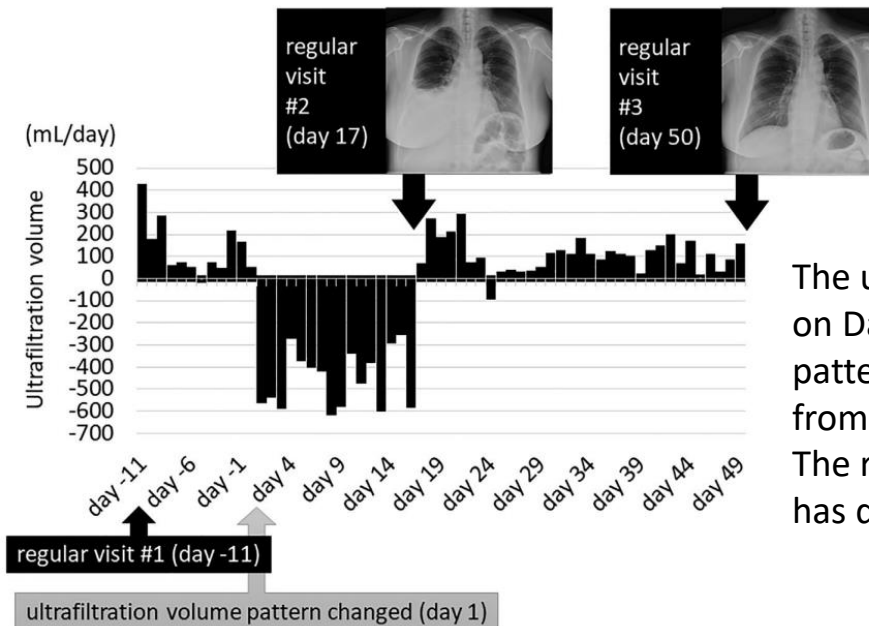


Onset of pleuroperitoneal communication detected by remote patient monitoring: A case report

Transition of ultrafiltration volume obtained from Sharesource and comparison of chest radiography at regular visits.



The ultrafiltration volume turned negative on Day 1 and returned to the previous pattern, following a change in dwell volume, from Day 18.

The right pleural effusion seen on Day 17 has disappeared on Day 50.


PD has the possibility of a high synergy with remote patient monitoring (RPM). Present case is the first case that detect the onset of pleuroperitoneal communication detected by RPM.



A prospective observational study on caregiver burden of elderly peritoneal dialysis patients

PD導入時と導入1年後の介護者負担をみた前向き研究。

(ZBI: Zarit介護負担尺度)

Masaru Murasawa¹ · Shiika Watanabe² · Kenichiro Koitabashi³ · Yugo Shibagaki¹ · Tsutomu Sakurada¹  多くが1年後でも負担が増えなかった。

Received: 24 November 2021 / Accepted: 28 November 2021

© Japanese Society of Nephrology 2021

Table 1 Characteristics of caregivers in the present study

Case	Age (years)	Male (n)	Patient age (years)	Employed (n)	Chronic disease (n)	Assisted PD (n)	PD modality	ADL	ZBI score at initiation	ZBI score at 1 year after
1	45	0	67	1	0	0	APD	Independent	9	5
2	85	1	90	0	0	1	CAPD	Support required	22	19
3	48	1	76	1	0	0	CAPD	Independent	5	7
4	70	0	74	0	0	1	CAPD	Support required	23	25
5	64	0	65	1	0	0	APD	Independent	30	3
6	61	1	88	1	1	1	CAPD	Support required	19	47
7	72	1	71	1	0	1	CAPD	Independent	9	10
8	74	1	70	1	0	1	CAPD	Independent	28	8