

Multiple frequency bioimpedance devices for fluid management in people with chronic kidney disease having dialysis

Questions from the assessment group on monitoring the fluid status of dialysis patients:

Questions relating to routine practice

1. How many people is your centre responsible for providing dialysis for
 - a. Number on HD? _____
 - b. Number on PD? _____

2. How many satellite units are linked with your centre?

3. What cadre/grade of staff is generally responsible for establishing the post dialysis target weight for haemodialysis patients under the care of your centre?

4. What cadre/grade of staff is generally responsible for establishing the target weight for peritoneal dialysis patients under the care of your centre?

5. How many bioimpedance devices do you estimate it would require to enable (on average) quarterly monitoring of the fluid status of all your centre’s eligible haemodialysis and peritoneal dialysis patients?

Please answer the following questions if bioimpedance devices are currently being used in your dialysis centre to help guide fluid management decisions:

Haemodialysis patients

- a. How many of your centre’s **haemodialysis** patients are currently monitored using bioimpedance testing?

- b. How frequently on average are these **haemodialysis** patients monitored using a bioimpedance device? (i.e number of times per year)

- c. Where does the bioimpedance testing of your centre’s **haemodialysis** patients take place? (Please state percentage of testing being conducted at the following locations)

Location	Percentage of bioimpedance testing performed at this location
Main hospital unit	
Satellite unit	
Patient’s home	
Other	

If other, please state where this is:

- d. Who normally performs the bioimpedance testing on your centre's **haemodialysis** patients? (i.e. please state cadre/grade of staff who generally performs the procedure)
- e. Who generally interprets the results of bioimpedance tests in order to help establish the appropriate target weight for your centre's **haemodialysis** patients? (i.e. please state cadre/grade of staff who interprets the results)

Peritoneal dialysis patients

- f. How many of your centre's **peritoneal dialysis** patients are currently monitored using a bioimpedance device?
- g. How frequently on average are these **peritoneal dialysis** patients monitored using a bioimpedance device? (i.e. number of times per year)
- h. Where does the bioimpedance testing of your centre's **peritoneal dialysis** patients take place? (Please state percentages of testing being conducted at the following locations)

Location	Percentage of bioimpedance testing performed at this location
Hospital unit	
Satellite unit	
Patient's home	
Other	

If other, please state where this is:

- i. Who normally performs the bioimpedance testing on your centre's **peritoneal dialysis** patients? (i.e. please state the cadre/grade of staff who generally performs the procedure)
- j. Who generally interprets the results of bioimpedance tests in order to help establish the target weight for your centre's **peritoneal dialysis** patients? (i.e. please state cadre/grade of staff)

Overall dialysis population

- k. How many bioimpedance devices does your centre require to enable all of the above monitoring (of haemodialysis and peritoneal dialysis patients) to take place?
- l. Are there any annual measures/requirements in place to quality assure/maintain the bioimpedance device(s) in use at your centre? (please provide details)

- m. How many of the following grades of staff has your centre had to train in the use of bioimpedance testing/monitoring?

Cadre/grade of staff	Number trained
Consultant nephrologists	
Trainee nephrologists	
Nurses	
Technicians	
Dieticians	
Others	

- n. What is the average time-commitment for staff to attend training on the use of bioimpedance testing?
- o. Over and above the device, staffing and consumable costs for bioimpedance testing, are there any additional software costs that your unit incurs in order to use this technology?
- p. Please provide any other information that you think may be relevant for estimating the cost of monitoring the fluid status of haemodialysis and peritoneal dialysis patients using bioimpedance testing.

Thank you very much for taking the time to answer these questions