

Why and how often need hospital based haemodialysis sessions, the home haemodialysis patients?

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Home Haemodialysis (HHD) patients require hospital sessions for different reasons, as: Vascular Access (VA) related problems, re-training, clinical condition, non medical aspects.



With the impact of new technological developments as the NxStage System One® dialysis monitor and the improvements on Needling Buttonhole Technique, more and more Health Institutions and Nephrology Departments are opening HHD programmes, the more patients on HHD the more chances for them to require Hospital Based sessions with the implication for the management of these Units.

We explore based on our experience the resources needed to fulfil HHD patient need's and the reasons of HHD patients for require Hospital sessions.

During one year, (January 2018-December 2018) we've recorded any HD session required at Hospital from our HHD patients and the reason for it.

Patients on HHD: 12. HD sessions at home: 3.480.

Hospital sessions required in one year: 123 (3,1%).

Patients requiring HB sessions: 7 out of 17.

Reasons for the Hospital sessions:

- VA: 116, nearly 50% of the sessions were required by a single patient.



- Retraining: 0

- Other clinical conditions. 3



- Non-medical. 4



The vast majority (nearly 90%) of Hospital Haemodialysis sessions required by HHD patients are Vascular Access related.

The more patients on HHD the more sessions to be required by them although, this sessions are more related to the specific need of one patients that to the total number.

From our experience and the review of published data we conclude that Vascular Access related problems are the first reason to require Hospital Based sessions.

Nephrology Departments need to be aware of HHD patients needs and to be ready to fulfil them in terms of Haemodialysis seats and specific trained nurses.