Sarah Kattenhorn

Safe Development of Button Hole with PTFE
Declaration
I have no commercial interest to declare
Wessex Kidney Centre
Population 2.3 million
Low Clearance 384
Transplants 952
HD 674
PD 75
64 patients now on Home Dialysis Programme
HHD Concerns with PTFE

Regular needling would cause reduced graft life
Infection
Patient pressure and equality of access to our HHD programme lead us to explore using button hole technique for grafts
Why Ultrasound
Checking needle position
Scan looking for collections potential early infections
False Aneurysms
Track Formation
Integrity of the graft
Conclusion

We have successfully established button holes in PTFE arterio-venous grafts.
We now have 5 patients with established button holes:

1 forearm PTFE
2 Leg Loops
2 UA PTFE

The use of U/S has given us the confidence to allow HHD patients to develop button holes.
Thank you

Special thanks to Sophie McDermot trainee vascular scientist for regular scans
Charge Nurse Julius Dagunan for dedicating the time to establish and monitor the button holes
Thanks to David for driving the whole process
Most Recent Weight: 88.0 kg
Current Access Location: Right Upper Leg
Current Access Type: Loop Graft
Last Intervention Type: New Loop Graft
Most Recent Access Flow: 1730.0 mL/min
Most Recent Cardiac Output
Current Access Creation: 08/07/14
Last Intervention Date: 08/07/14

Graph showing average access flow with markers for IVT and REC events.

Dates: 13/06/12 to 16/09/15