

Royal Free Hospital

“MAGIC”

Managing Access by Generating Improvement in Cannulation

Bina Subba

Core Aims and Objectives

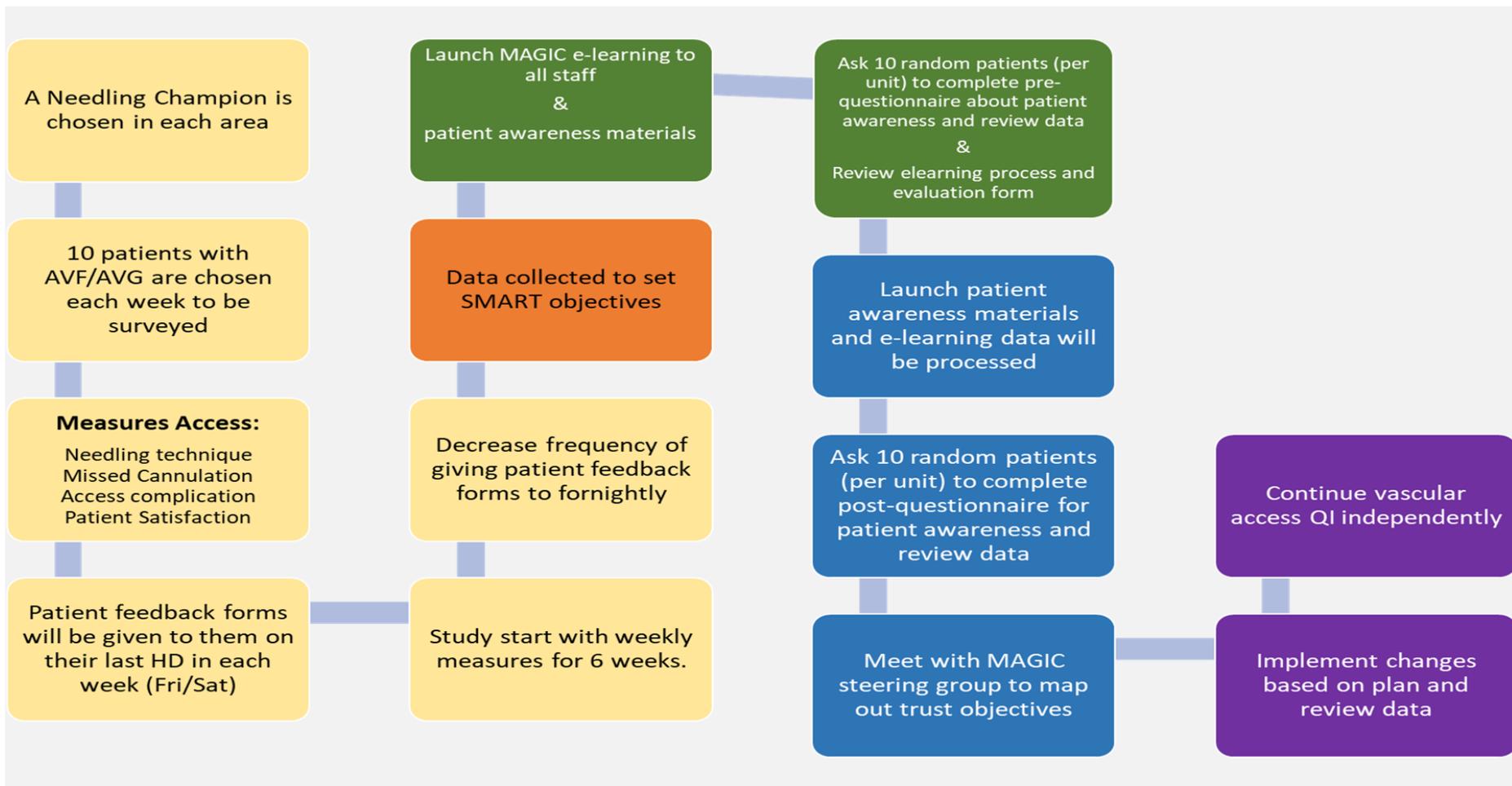
MAGIC AIM: To promote good cannulation practice and Improve the patient experience of cannulation

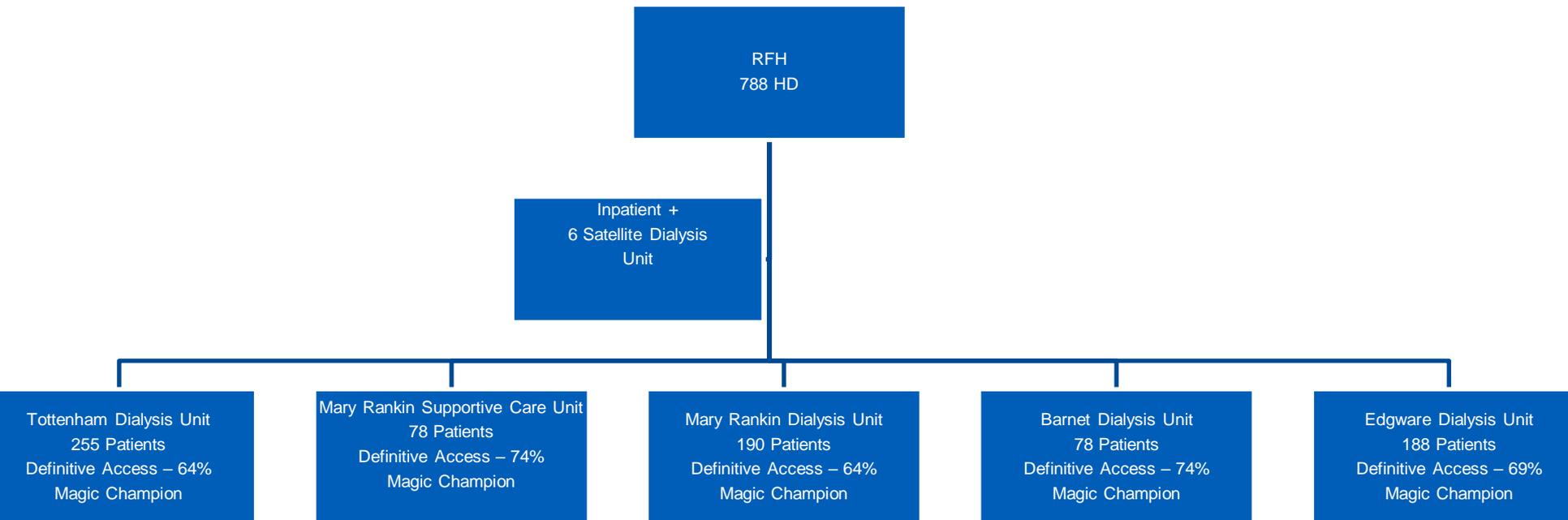
Short Term

- ❖ Maximise RL and BH
- ❖ Minimise area Puncture
- ❖ Minimise Infection
- ❖ Optimise patient satisfaction

Long Term

- ❖ Increase rates of AV access
- ❖ Reduce AV access loss
- ❖ Minimise CVC use





MAGIC

Managing Access by
Generating Improvements in Cannulation



Royal Free London
NHS Foundation Trust

Name:

DOB:

MRN:

Group / Study Commence Date	Feedback Form Date	Measures the Access weekly x 6, then fortnightly																		
		<u>Wk 1</u>			<u>Wk 2</u>			<u>Wk 3</u>			<u>Wk 4</u>			<u>Wk 5</u>			<u>Wk 6</u>			
		M	W	F	M	W	F	M	W	F	M	W	F	M	W	F	M	W	F	
		Rope Ladder																		
		Area Puncture																		
		Button Hole																		
		Single Needle																		
		Missed Cannulation																		
		Blown Fistulas/Graft																		
		Blocked Fistulas/Graft																		
		Infected Fistulas/Graft																		



Patient Feedback Form:

Your kidney team is working to improve your experience of having needles put into your dialysis fistula or a graft at each haemodialysis treatment session. We would like to know how satisfied you are with your needling today.

Your answers are completely confidential and will not affect your dialysis treatment in any way, so please be as open and honest as you can.

Dialysis Nurse	Poor 1	Fair 2	Good 3	Very Good 4	Excellent 5
1. The nurse greeted me in a way that made me feel comfortable					
2. The nurse treated me with dignity and respect					
3. The nurse explained the procedure					
4. The nurse asked my permission to examine my arteriovenous fistula or graft (AVF/AVG)					
5. The nurse respected my views/point					
6. The nurse explained to me today about my fistula care					
7. Today my needling was.....?					

Please make any additional comments about the needling your fistula and if you would like to improve our practice in the space below:

Thank you.

File Home Insert Page Layout Formulas Data Review View

Cut Copy Paste Format Painter Clipboard

Arial 12 Bold Italic Underline Font

Wrap Text Merge & Center Alignment

General Number

Conditional Formatting Format as Table Cell Styles Styles

B97 Patrick Prosper

	A	B	C	D	E	F	G	H
1	Total Patient per week	Patient Details	Date of last measurement/ Last HD of the week	Information Required	Wk 1	Wk 2	Wk 3	Wk 4
2	Group A- 10	March 7 to 11, 2022						
3				Rope Ladder	4	4	4	
4				Area Puncture	6	6	6	
5				Button Hole	n/a	n/a	n/a	n/a
6				Single Needle	0	0	0	
7				Missed Cannulations	0	0	0	
8				Blown Fistulas/Graft	1	1	1	
9				Blocked Fistulas/Graft	0	0	0	
10				Infected Fistulas/Graft	0	0	0	
11								
12								
13								
14								
15								

AVF/AVG SCORE

Vitaldata HD Session – Add AVF/AVG Score

Date	On	Off	Total	Uses	User	Site	Access	Mac	Line C	Pre W	Post	Weight	Recirc	Trans	Pre SYS	Pre DIA	Post SYS	Post DIA	
18/10/2018				dw2		105	03 Arteriovenous fistula (LRC AVF)	F568											
04/10/2018				dw2d		105	03 Arteriovenous fistula (LRC AVF)			72.0	70.0	-2							
02/10/2018				dw2d		105	03 Arteriovenous fistula (LRC AVF)	F407											
28/09/2018	08:00	12:00	04:00	dw2d	a03r	10E	03 Arteriovenous fistula (LRC AVF)	F208											
20/09/2017				dw2d		10E	03 Arteriovenous fistula (LRC AVF)	cc8f											
14/09/2017	10:00	14:00	04:00	h5h	dw2d	10E	03 Arteriovenous fistula (LRC AVF)	bg23											
15/06/2017	12:00	16:00	04:00	pf0t	pf0t	105	03 Arteriovenous fistula (LRC AVF)	F605		68.0	67.0	-1			128	72	130	80	
24/01/2017	07:00	11:00	04:00	dt27	ek22	10E	03 AVF (Left radio-cephalic)	F303											
19/08/2013				sz4l		105	04 Arteriovenous graft (Neck)												
18/06/2013				dw2d		10E	02 Tunnelled line	f38											
17/06/2013				dw2d		10E	02 Tunnelled line	F27											
06/11/2012				dw2d		10E	04 Arteriovenous graft (L Arm AVG)												
09/04/2012	07:00	11:00	04:00				02 Tunnelled line			68.0	65.5	-2.5							
06/04/2012	07:00	11:00	04:00				02 Tunnelled line			68.5	65.5	-3							
04/04/2012	07:00	11:00	04:00				02 Tunnelled line			69.0	66.0	-3							
02/04/2012	07:00	11:00	04:00				02 Tunnelled line			68.0	65.5	-2.5							

Add in AVF/AVG Score dropdown :

- 0 – No action required
- 1 – Monitor
- 2 – Refer to VA Team
- 3 – Urgent Referral to V.A Team

Date: 18/10/2018 On: Off: Sign On: dw2d Sign Off: Weight (kg): BP: Line Care: Dressing Type: UF Profile: Qb: HDF Subo Vol: AP: HDF Subo Rate: VP: Litres Processed: HR: Recirculation %: bpm: Transonic ml/min: BM: **AVF/AVG Score:**