

## Use of the MAGIC Measurement Platform

You can use the MAGIC measurement platform to record all of your outcomes for MAGIC. It already has the 7 core outcome measures available and extra measures can be added by Superusers. The platform also stores your data in charts and line graphs, so you can see trends over time and you can export your data if required.

[Access the platform here](#)

1. Log in
2. Once logged in this will take you to your **home screen**:

MAGIC - Measure data - Charts - Report data - Register users - Welcome Eric Forsberg - Logout

Dummy [Change](#)

Patient level measures

- No.s Rope Ladder
- No.s Buttonhole
- No.s Area Puncture
- No.s Missed Cannulation
- Mean Needling PREM score
- Actions

Unit level measures [Export patient data](#)

- % AVF
- % AVG
- % Hybrid
- % CVC
- % AV Access
- % New AV Access
- % Lost AV Access
- % Infection
- Actions

[Add patient measures](#) [Add unit measures](#) [Export unit data](#)

If data has already been inputted, it will look like this:

| Patient level measures   |                      |                      |                      |
|--------------------------|----------------------|----------------------|----------------------|
|                          | 2019-05-01           | 2019-06-01           | 2019                 |
| No.s Rope Ladder         | 3                    | 10                   | 3                    |
| No.s Buttonhole          | 7                    | 3                    | 4                    |
| No.s Area Puncture       | 2                    | 4                    | 2                    |
| No.s Missed Cannulation  | 2                    | 7                    | 7                    |
| Mean Needling PREM score | 3                    | 3.50                 | 3.67                 |
| Actions                  | <a href="#">Edit</a> | <a href="#">Edit</a> | <a href="#">Edit</a> |

  

| Unit level measures |                      |                      |
|---------------------|----------------------|----------------------|
|                     | 2019-05-01           | 2019-06-01           |
| % AVF               | 20%                  | 10%                  |
| % AVG               | 30%                  | 20%                  |
| % Hybrid            | 45%                  | 25%                  |
| % CVC               | 5%                   | 15%                  |
| % AV Access         | 95%                  | 55.00%               |
| % New AV Access     | 2%                   | 40%                  |
| % Lost AV Access    | 1%                   | 15%                  |
| % Infection         | 2.50%                | 20%                  |
| Actions             | <a href="#">Edit</a> | <a href="#">Edit</a> |

[Add patient measures](#) [Add unit measures](#)

## To input data

### Patient measures

1. Click on the 'Add patient measures' button at the bottom of the screen.

Patient level measures

|                          | 2019-05-01           | 2019-06-01           | 2019                 |
|--------------------------|----------------------|----------------------|----------------------|
| No.s Rope Ladder         | 3                    | 10                   | 3                    |
| No.s Buttonhole          | 7                    | 3                    | 4                    |
| No.s Area Puncture       | 2                    | 4                    | 2                    |
| No.s Missed Cannulation  | 2                    | 7                    | 7                    |
| Mean Needling PREM score | 3                    | 3.50                 | 3.67                 |
| Actions                  | <a href="#">Edit</a> | <a href="#">Edit</a> | <a href="#">Edit</a> |

Unit level measures

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|------------------|----------------------|----------------------|
| % AVF            | 20%                  | 10%                  |
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| % Hybrid         | 45%                  | 25%                  |
| % CVC            | 5%                   | 15%                  |
| % AV Access      | 95%                  | 55.00%               |
| % New AV Access  | 2%                   | 40%                  |
| % Lost AV Access | 1%                   | 15%                  |
| % Infection      | 2.50%                | 20%                  |
| Actions          | <a href="#">Edit</a> | <a href="#">Edit</a> |

[Add patient measures](#) [Add unit measures](#)

2. Takes you to this screen ready for inputting raw data:

Date:

Needling technique

Number of Rope Ladder:  Rope Ladder: Cannulation that moves up the vein at each treatment in a progressive manner, to cover as much of the vein as is or V site) needle marks should cover at least 5cm.

Number of Buttonhole:  Buttonhole: Cannulation of each cannulation site in the same manner each time. Involves removing the scab of the previous car

Number of Area Puncture:  Area Puncture: Cannulation in a different site each time that does not progress up the vein in systematic manner AND/OR one c

Number of patients sampled:  Please insert the number of patients from your sample.

Missed Cannulation

Number of patients sampled:  Please insert the number of patients from your sample, who experienced a missed cannulation

No of Missed Cannulation:  Number of patients for that haemodialysis session that experienced more than one attempt to insert a needle at one needling ; either the same or a different person. Adjustment of the needling once taped in place after the first insertion.

Needling PREM question

Number of patients sampled:  [Add](#) Please insert the score for each patient's answer to the PREM question

[Submit](#) [Cancel](#)

3. Please enter data into the boxes.

### Patient satisfaction

4. Enter the number of patients you have sampled and click on 'Add'.
5. You will see you can now enter the score for each answer each patient provided (the platform it will work out your mean score for you)

**Missed Cannulation**

Number of patients sampled:  Please insert the num

No of Missed Cannulation:  Number of patients f  
either the same or a c

**Needling PREM question**

Number of patients sampled:

Patient #1

Patient #2

Patient #3

Patient #4

Patient #5

Patient #6

Patient #7

Patient #8

Patient #9

Patient #10

Mean Needling PREM Score: 0

6. Once you have inputted all your data press 'Submit'.

## Unit measures

7. Clicking on 'Add Unit Measures' at the bottom of the home screen.

8. You can now input all your data in the boxes

Date:

Patients:  Number of Patients in Total haemodialysis population

**Types of Vascular Access used for HD**

AV Fistula:  AV Fistula: Cannulation of normal vein segment, even if flow is supplemented by artificial material

AV Graft:  AVG: Cannulation of artificial material

Hybrid:  Hybrid: One site cannulates normal vein segment and one site cannulates artificial material

Central Venous Catheter:  CVC: Tunnelled or non-tunnelled central venous catheter

**New AV Fistula / Graft Use**

Number of New AVF/G:  Any AVF/G cannulated and used for haemodialysis alongside CVC or only used for the partial treatment

**AV Fistula / Graft Loss**

Number of Lost AVF/G:  Number of AVF/G in the current haemodialysis population that were cannulated for haemodialysis 1 mo  
dialysis, those transplanted, deaths and haemodialysis withdrawals in the last month. This is purely for a

**Vascular Access Infection**

Number of Infections:  Please insert the number of patients who have has a vascular access infection in the last month

9. Click on 'Submit' once complete

10. Once you have submitted data, you will see you can change this is required by pressing 'Edit' at the bottom of the column of the data on the home screen.

## To view charts

1. At the **top bar of your home screen**, on the left-hand side, you will see there are options:

Magic Measure data Charts Region data Region charts

**Charts** will take you to your unit charts:



You cannot export charts, but you can use the computer's snipping tool to copy these into an image, that can go onto a PowerPoint slide.

**Region data and Region charts** will take you to the data for your whole region.

The **'Options'** button on the left-hand side of the Home screen allows you to change your password and log out.