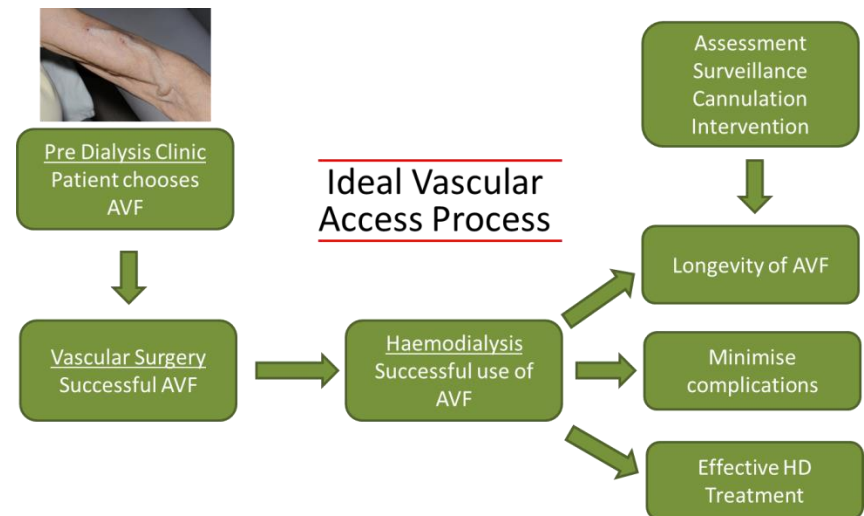


Managing Access by Generating Improvements in Cannulation

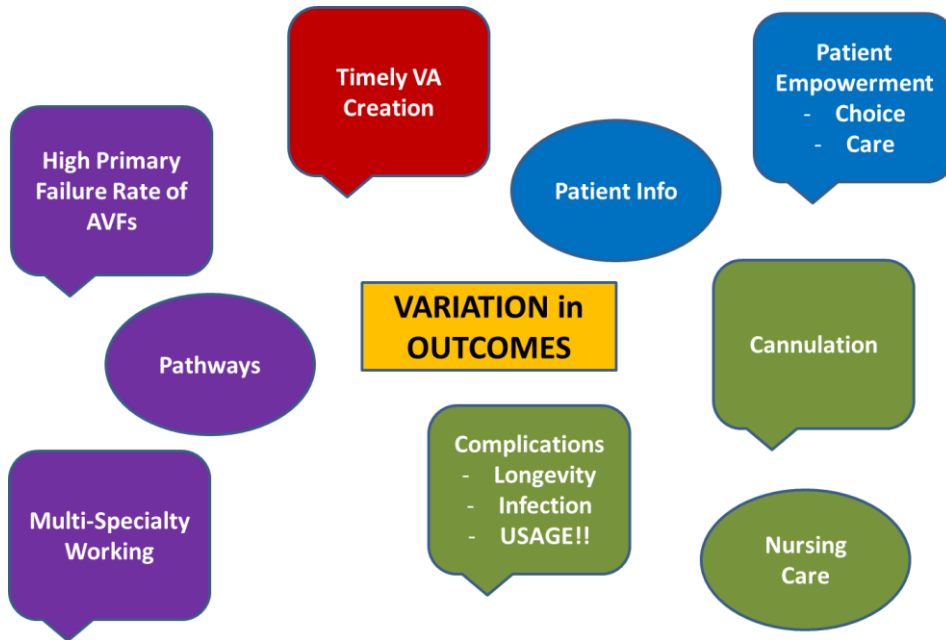
Margaret Aitken – Margaret.Aitken2@ggc.scot.nhs.uk
Chair VASBI Nurses Group
Co-Chair MAGIC
Renal Vascular Access Clinical Nurse Specialist
QEUH Glasgow

AVF/G is gold standard for VA

- RA audit standards recommend 80% of prevalent dialysis patients dialyse via AVF, AVG or Tenckhoff
- Huge variation across the UK



There is more to AVF/G use than Vascular Surgery!!



Cannulation is the centre of AVF/G rates

- AVF/Gs are formed to be used
- Prevention is better than cure

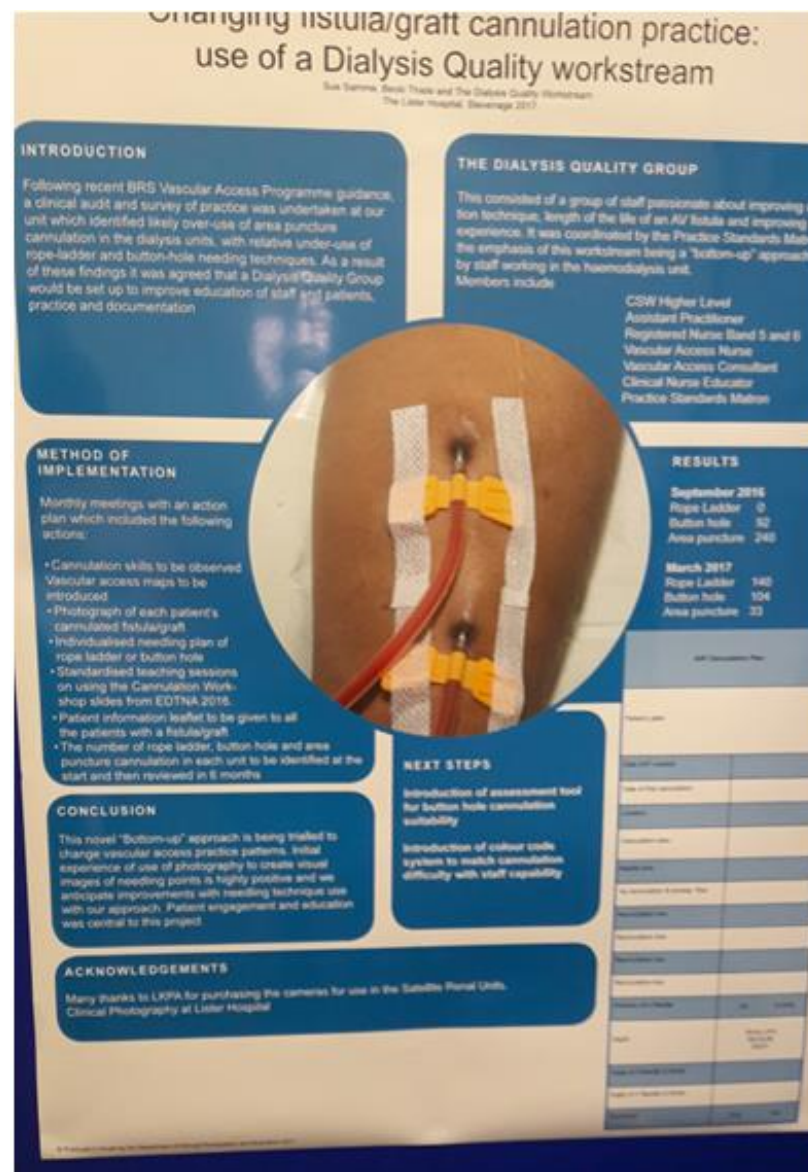
Cannulation affects:

- Longevity of AVF/Gs
- Patient experience of HD

We can improve cannulation practice

The Problem with Cannulation

- 65.8% of cannulation was area puncture
(Parisotto, 2014)
- Initial PREM results indicates needling is a problem
- Variation in practice across the UK
 - Buttonhole v. Rope Ladder



MAGIC

- Core structure of a quality improvement programme
 - Allow adaption at regional and unit level
 - BRS / VASBI / KQuIP collaboration with regions

Aim: To improve prevalent AVF/G rates:

- **Improve cannulation to preserve AVF/G function**
- **Make AVF/G more attractive through better patient experience**
- **Develop structures to support good VA care**

ONLY AS GOOD AS WEAKEST LINK

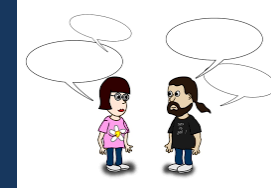
- Referral
 - Assessment
 - Surgery
 - Post-op
 - Follow up assessment
 - Cannulation
 - Surveillance
 - Maintenance
- Can you see where issues may happen!!!
 - Who is responsible to ensure issues don't happen
 - Who is responsible to correct the issues
 - Who is responsible for good care/cannulation/surveillance/maintenance

TEAM APPROACH

- Who should be in the team
- Responsibilities of team members
- Is it one person who is responsible
- Motivated, enthusiastic, dedication to the cause all needed for team
- No “I” in team

Core Structure

Leadership MAGIC Regional Network



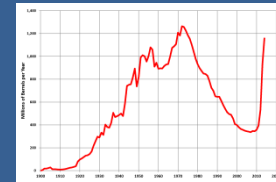
Needling Champion

Haemodialysis Nurse

VA Appraisal Lead

Nephrologist / Surgeon

Measurement



Monthly clinical outcomes
Run Charts

Evaluate MAGIC

Materials

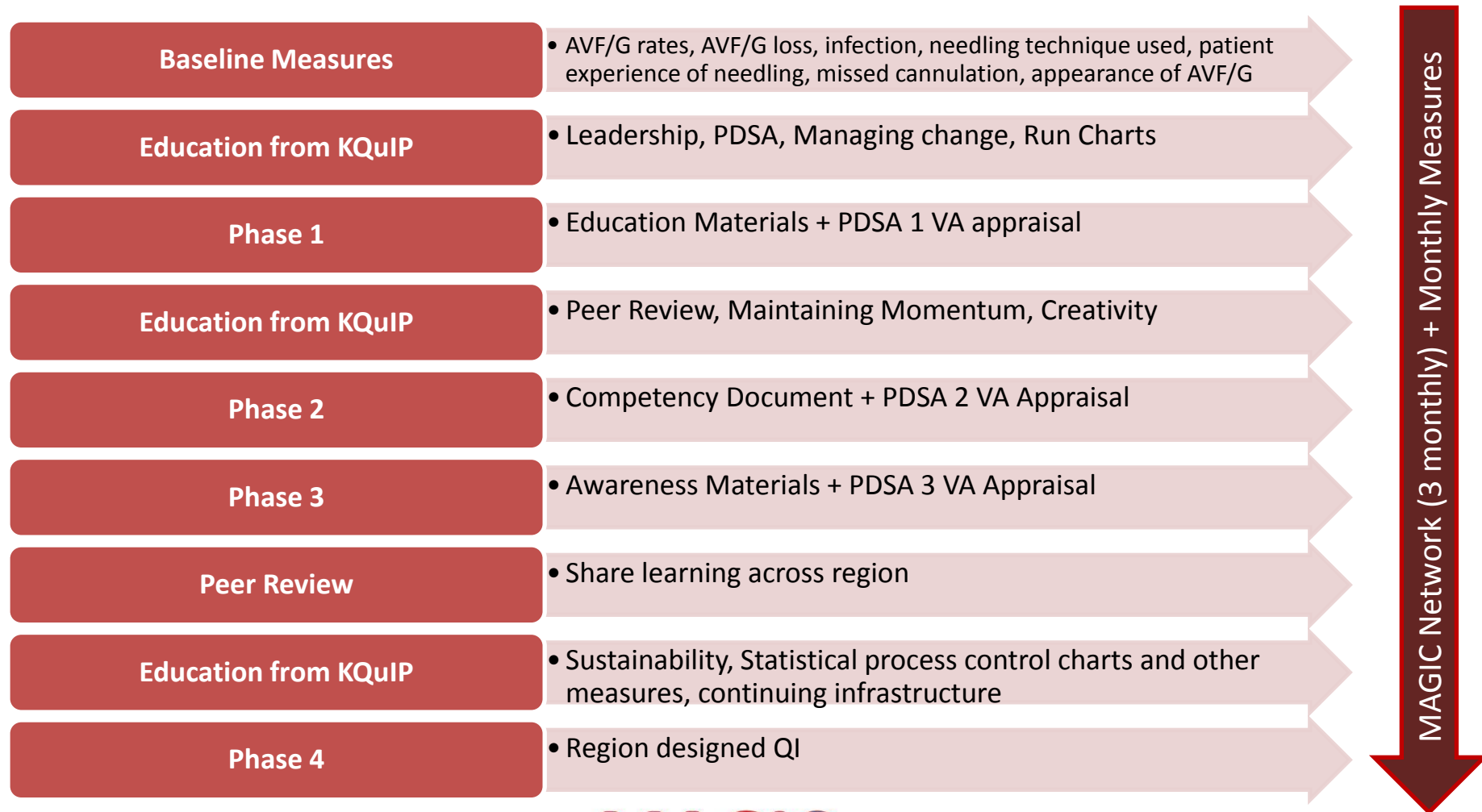


Slidesets + lesson plans
ELearning
Competency document

Awareness materials for patients

VA Scorecard Appraisal
with PDSA cycles

Phased Approach





Website - www.thinkkidneys.nhs.uk/kquip/magic/

Facebook - www.facebook.com/groups/1918050308446120/

Twitter - twitter.com/HaemodialysisVA

Scottish VA Appraisal - <http://www.srr.scot.nhs.uk/Projects/PDF/2015/Scottish-Renal-Registry-vascular-scorecard-151117.pdf>