OBS CYMRU

Obstetric Bleeding Strategy for Wales

Working together to reduce harm from postpartum haemorrhage

Capturing the Change at:
Prince Charles, Singleton & Royal Glamorgan Hospitals

Kathryn James
WCLTF | Anaesthetic Registrar

18th July 2018

AcademiWales

Llywodraeth Cymru Welsh Government | Werfen Diagnostic Solutions for Life | Wales Maternity Network | GIG CYMRU NHS WALES | Cardiff University Prifysgol Caerdydd | Cymru / Wales PROMPT | 1000 Lives o Fywydau

PURPOSE

Purpose

Reduce morbidity from Obstetric Haemorrhage



Blood loss
≥2500ml



RBC & FFP
Transfusion

Critical Care
Admissions



Hysterectomies

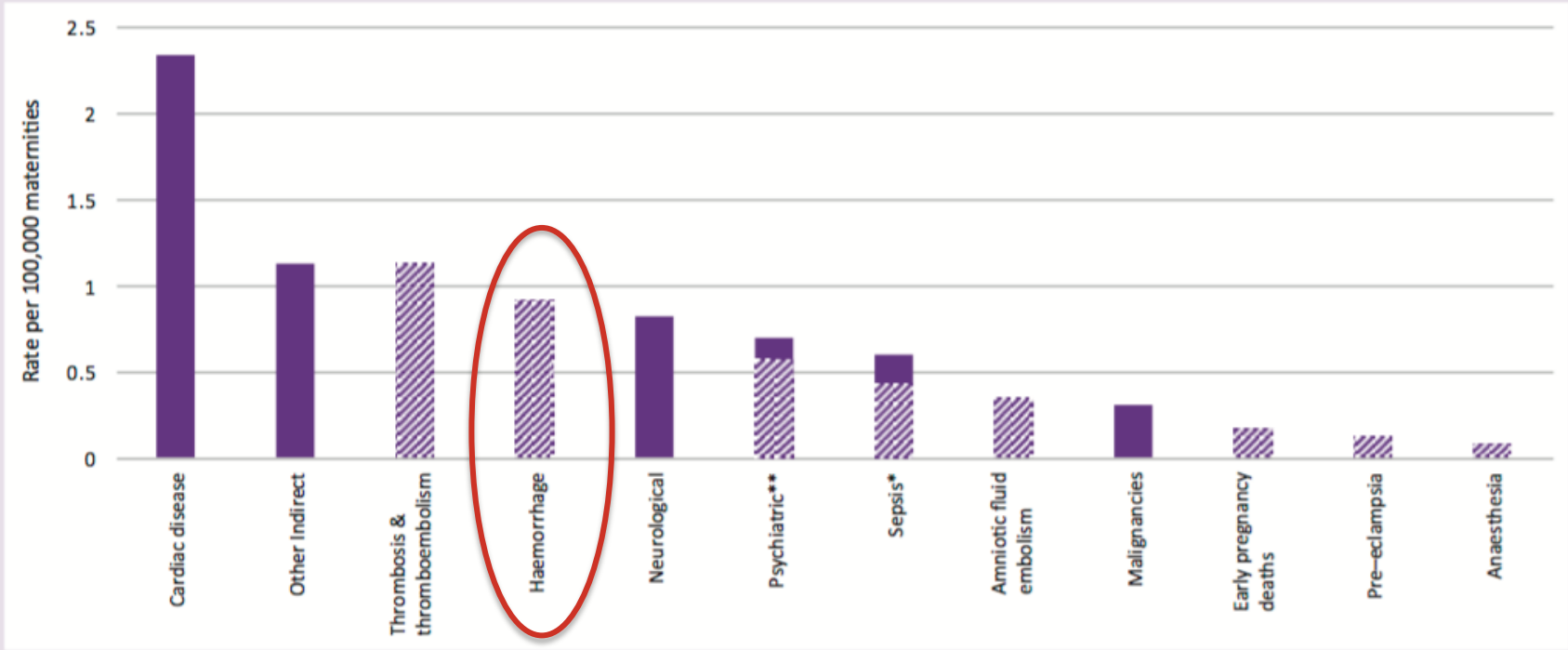
Increase engagement with OBS Cymru
National Obstetric Haemorrhage Database


why
reason,
purpose

CUSTOMER IMPACT

MBRRACE-UK – Maternal Mortality

Figure 2.3: Maternal mortality by cause 2013–15



Hatched bars show direct causes of death, solid bars indicate indirect causes of death;

*Rate for direct sepsis (genital tract sepsis and other pregnancy related infections) is shown in hatched and rate for indirect sepsis (influenza, pneumonia, others) in solid bar

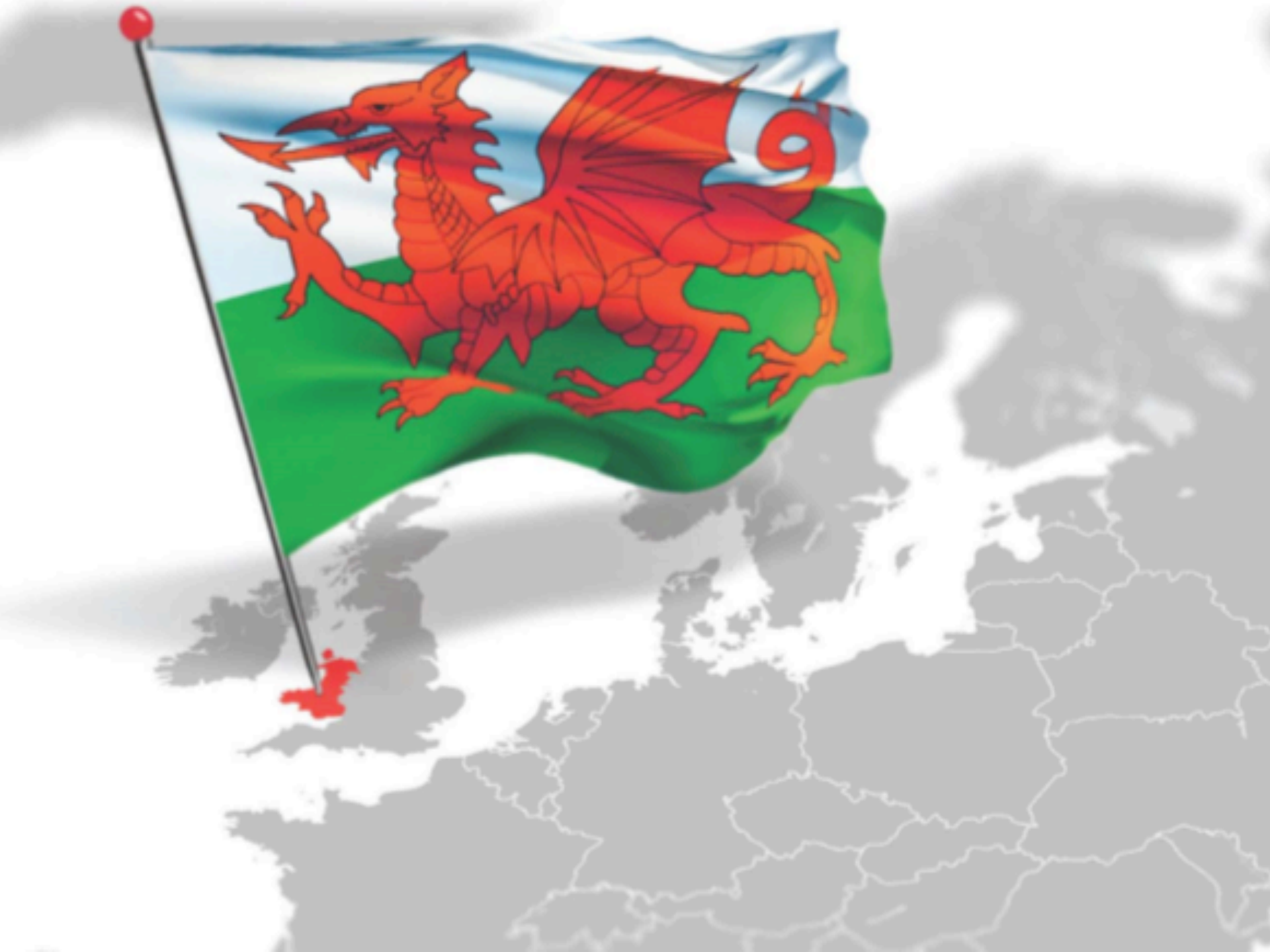
**Rate for suicides (direct) is shown in hatched and rate for indirect psychiatric causes (drugs/alcohol) in solid bar

Source: MBRRACE-UK



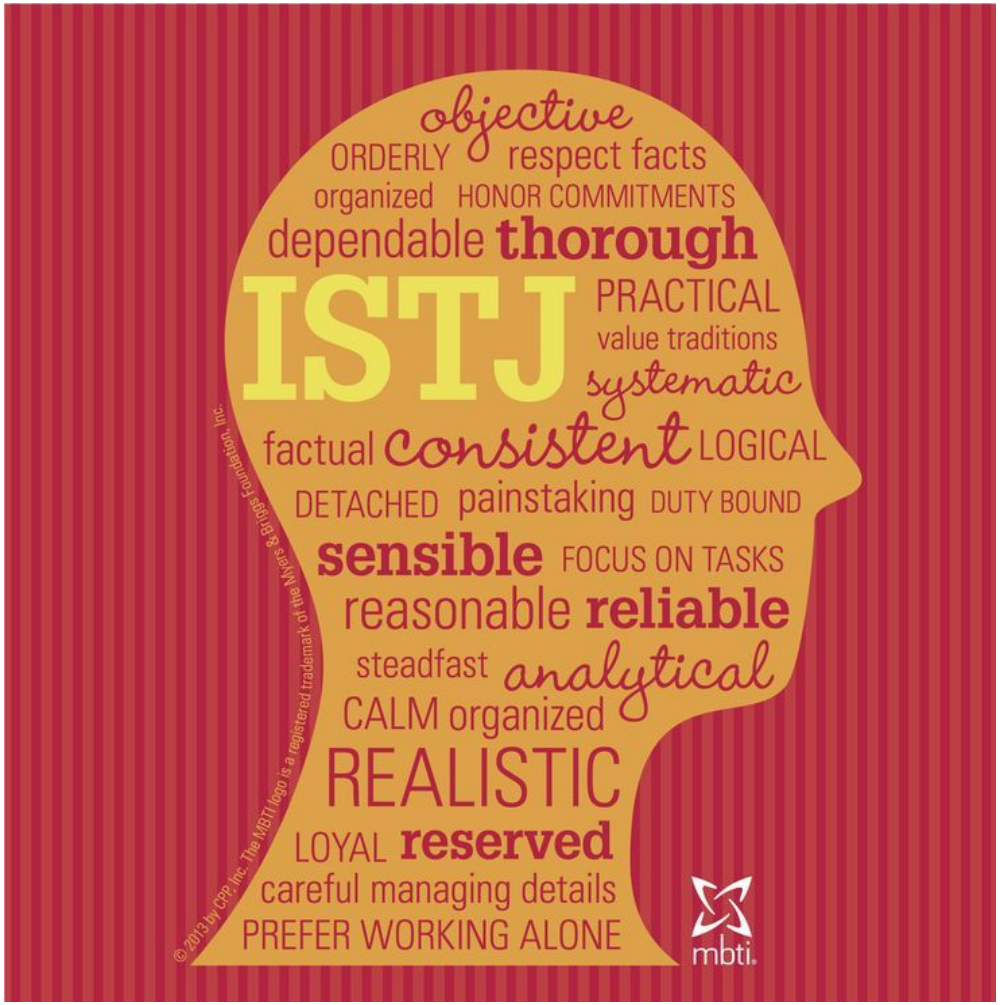






METHODOLOGY: APPLIED KNOWLEDGE

Myer's Briggs - ISTJ



Briggs, K. and Briggs Myers, I. (2015). *The Myers-Briggs Type Indicator*

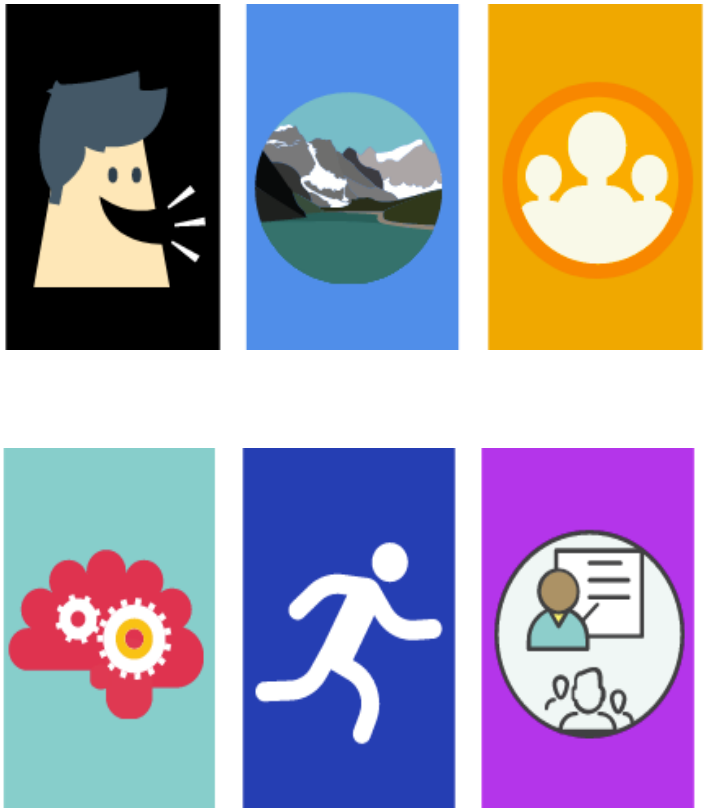
Theory to Influence Change

Belbin Team Roles



Belbin. (2015). *Team Roles in a Nutshell*. [online]

Leadership Styles



D Goleman (2000) *Leadership that gets results*

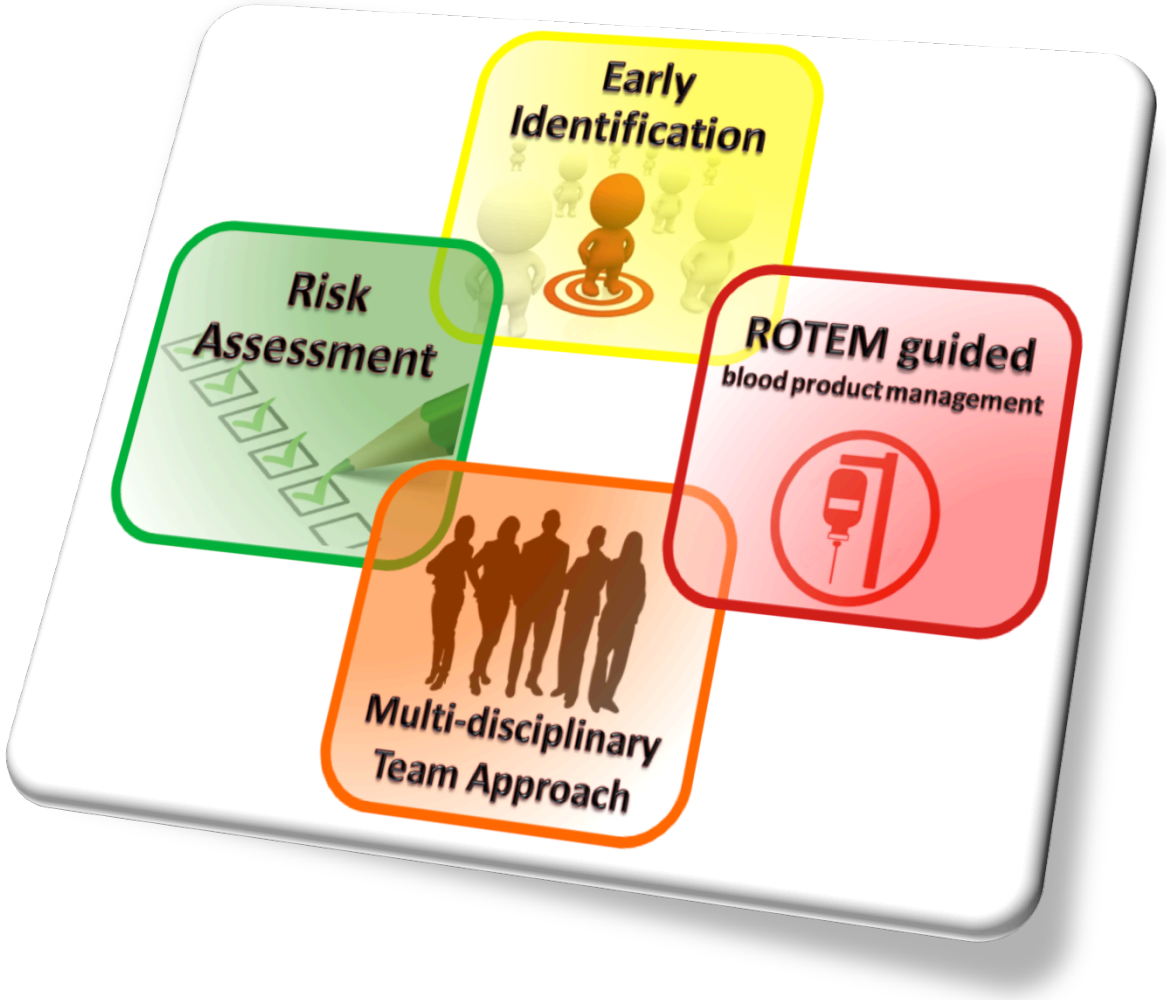
Kotter's Change Model



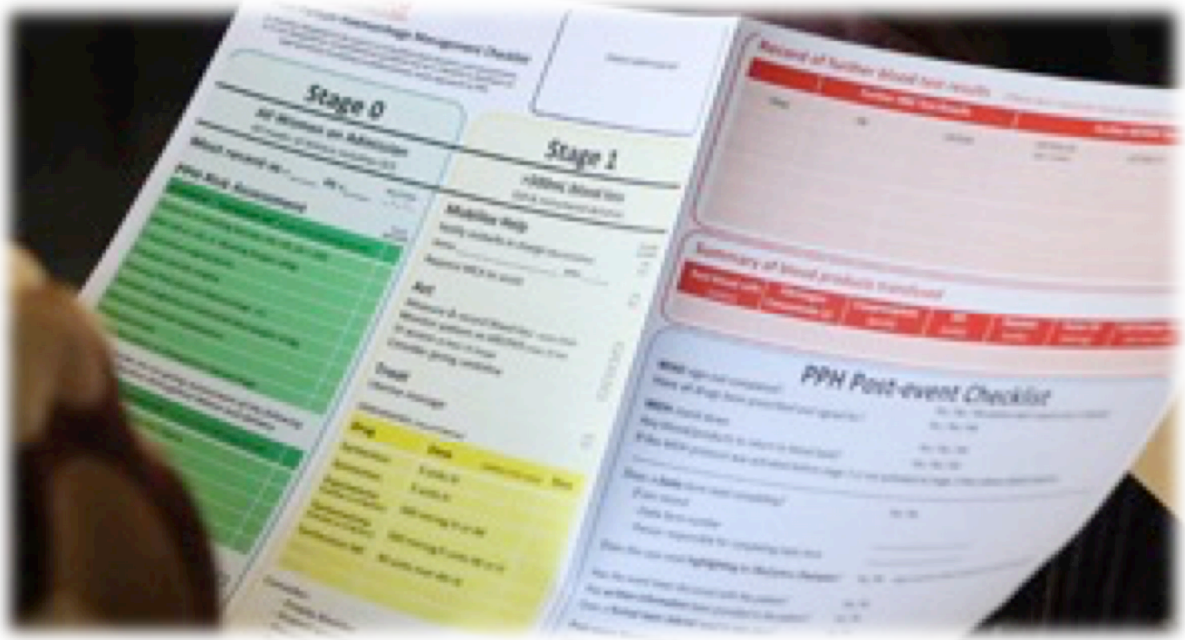
Kotter JP (1996) Leading Change. Boston: Harvard Business School Press

METHODOLOGY: DELIVERABLES

OBS Cymru Approach to PPH



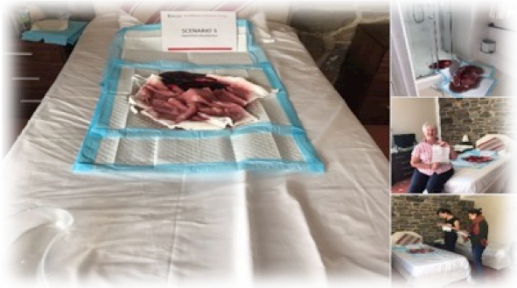
Standardised Protocol



National Education Package

Measure rather than Estimate Blood Loss









Prompt recognition of PPH

Technology

ROTEM

Point-of-care test for clotting



Patient Specific Blood Product Management

Capturing the Change

National OBS Cymru Database

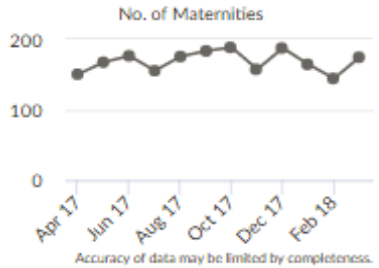
Individual-level data

Enter information on the management and outcomes of episodes meeting any of the following criteria:

- ≥ 1000 mL of blood lost
- Any blood products given (within 1 week of delivery)
- Any ROTEM was performed
- Woman transferred to ITU
- Woman underwent a hysterectomy
- Woman died

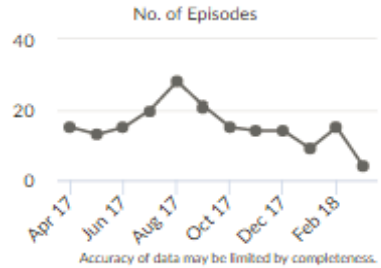
Monthly statistics

Enter monthly numbers of maternities and deliveries.



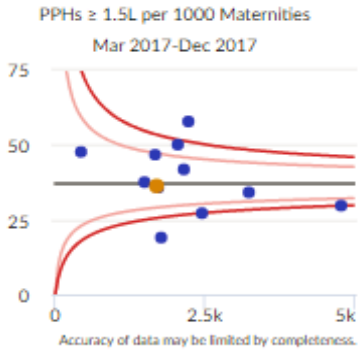
Run Charts

View monthly charts of the data, including process and outcome measures.



Funnel Plots

View variation across Wales.



Download data

Download Individual-level data in Excel format, including ROTEM, blood gas and lab test results.



OBS.Cymru@wales.nhs.uk

RELATIONSHIPS












Educate
Train
Empower
Reward
People

OBSCYMRU

Obstetric Bleeding Strategy for Wales

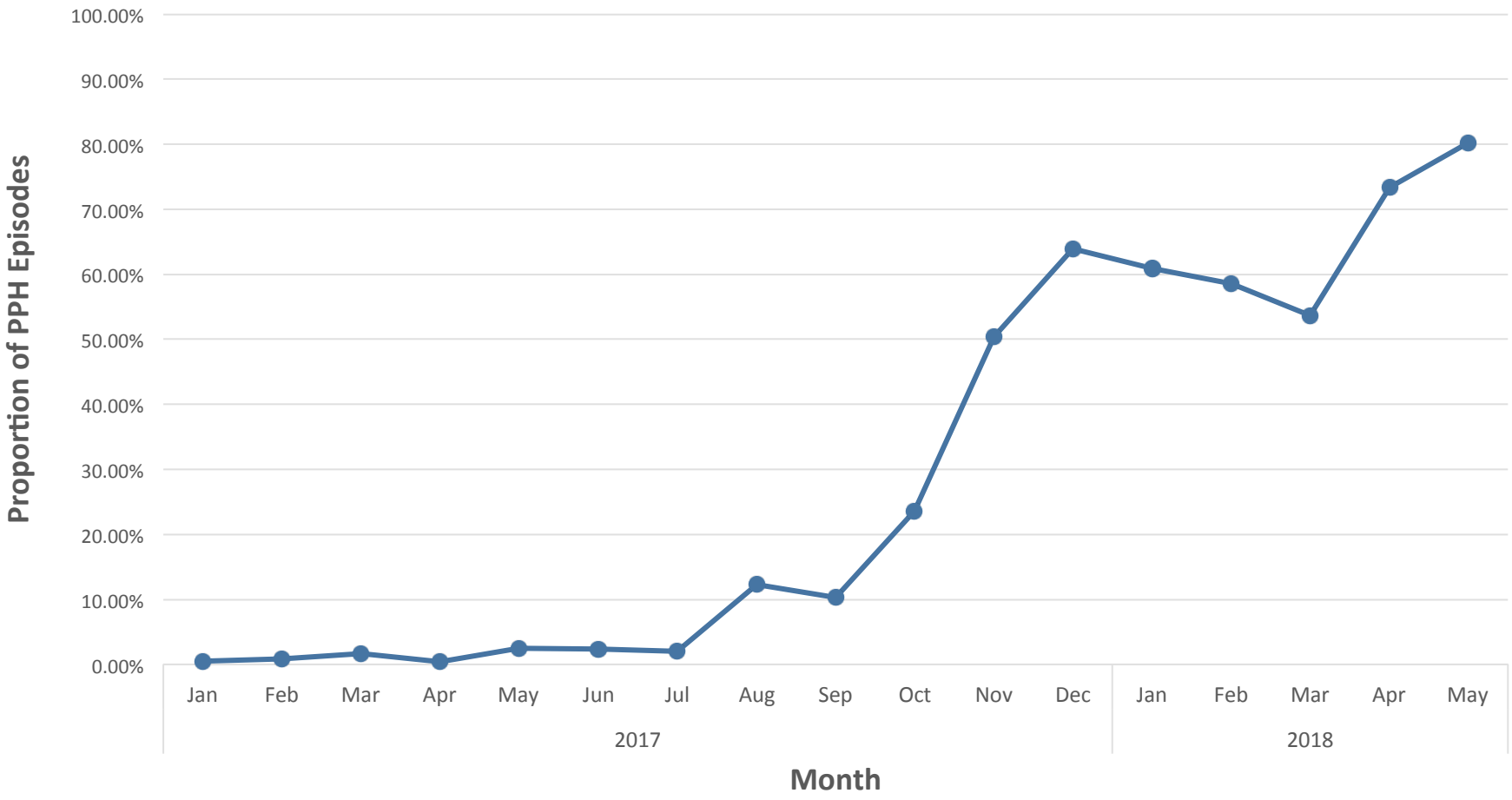
Celebrating Our Success



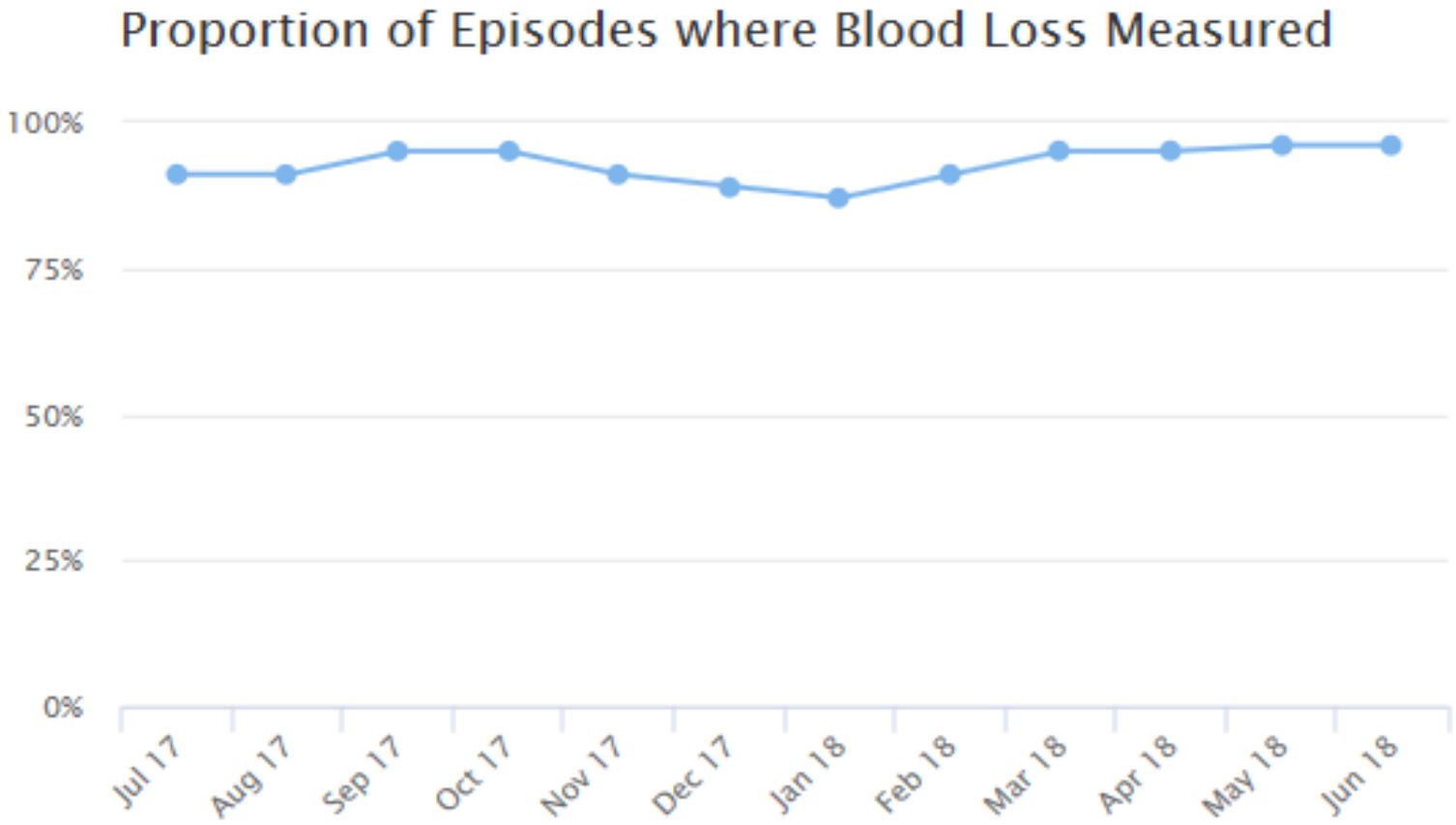


SUCCESS CRITERIA: PROCESS MEASURES

Risk Assessment Completed



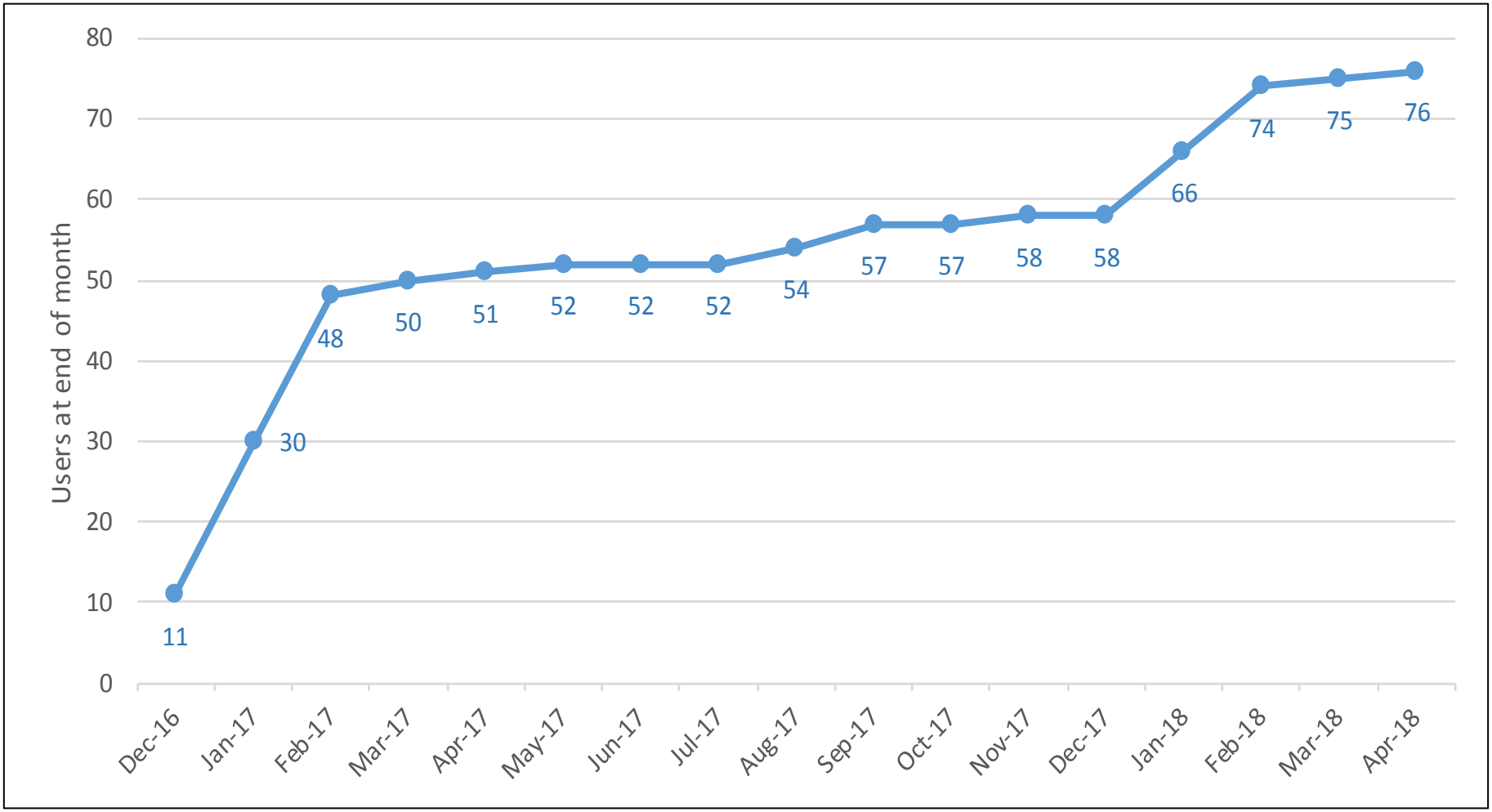
Blood Loss Measurement in PPH



ROTEMs recorded

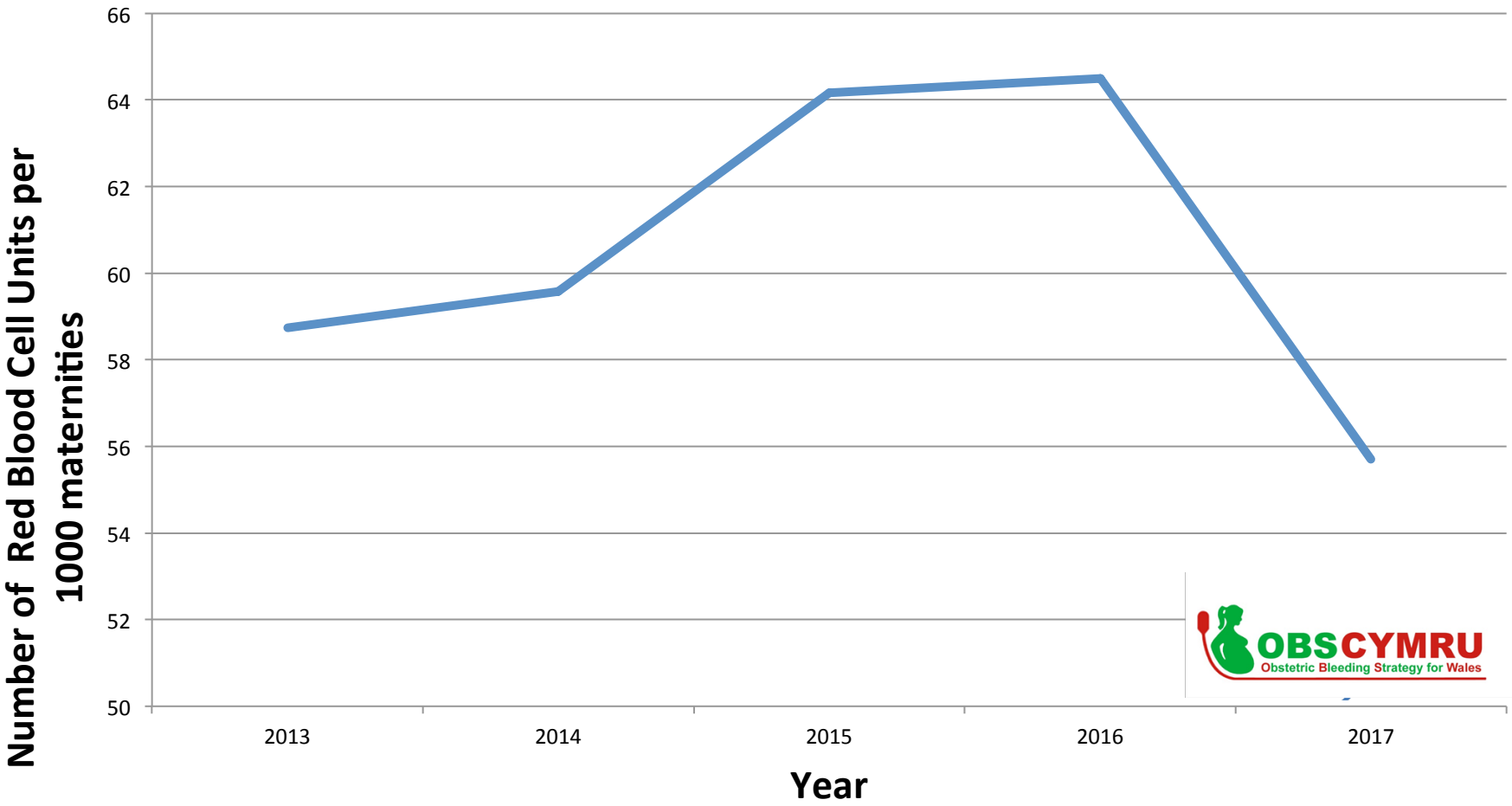


Database Users

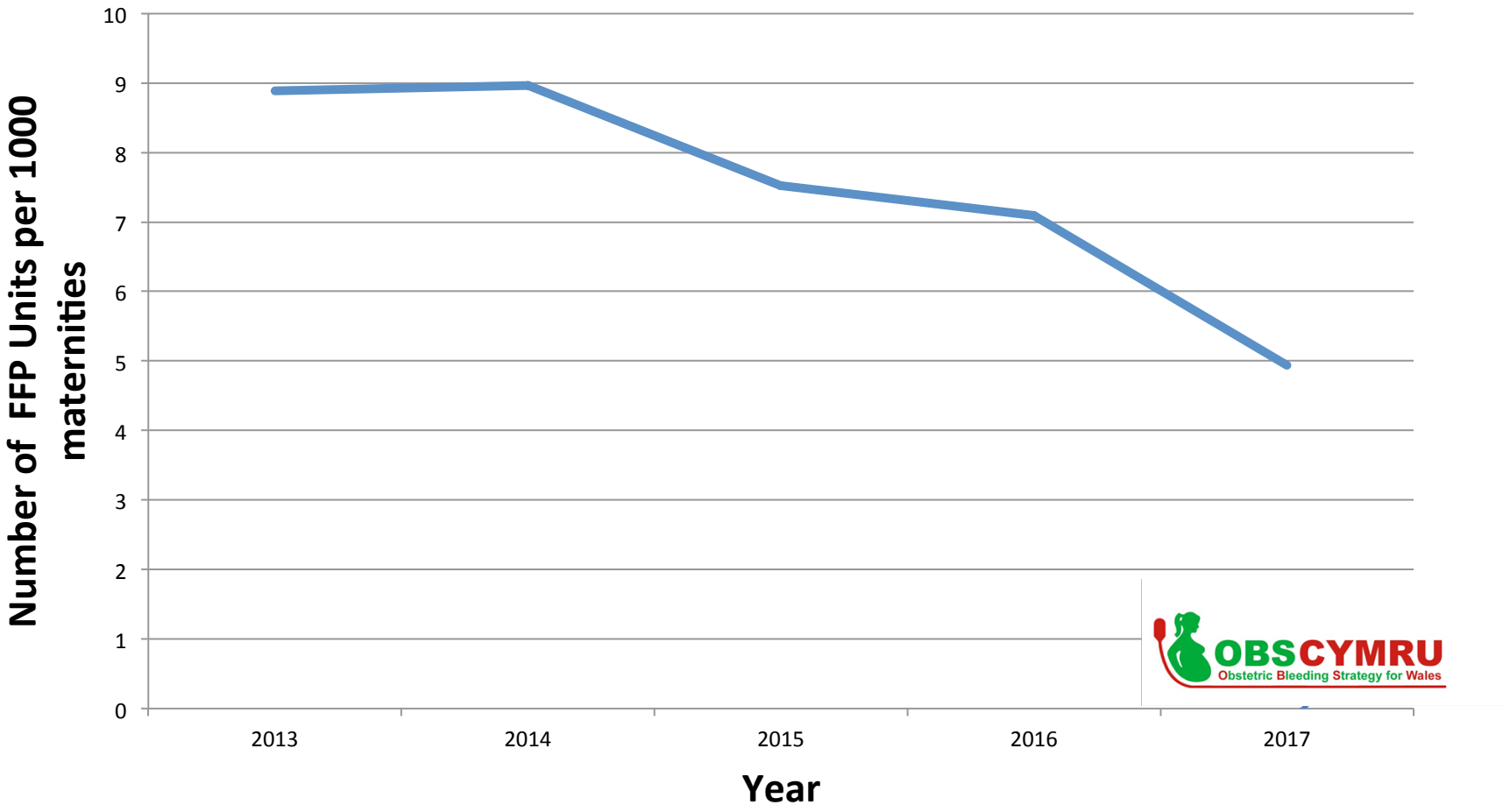


SUCCESS CRITERIA:
EARLY OUTCOME MEASURES

Average Red Blood Cell Use



Average Fresh Frozen Plasma Use



What's next?

NHS Wales Awards

Project Evaluation with CEDAR

Sustainability of OBS Cymru beyond April 2019

Welcome Cerys Scarr WCLTF for 2018/2019

Thank you to all Collaborators from Across Wales

Nevill Hall Hospital
Abergavenny
Emma Mills
Mike Byrne
Graeme Lilley
Anurag Pinto
Jane Bruton
Wendy Jones
Sarah Lewis
Sarah Beuchel

Royal Glamorgan Hospital
Llantrisant
Kelly Godwin
Laura Clarke
Neeta Tailor
Huw Davies
Alfi Ahmed
Jonathan Pembridge
Nadia Bhal
Ali Shokooho

Singleton Hospital
Swansea
Catherine Harris
Susan Williams
Martin Garry
Nigel Jenkins
Liza Mukhopadhyay
Dawn Apsee
Hannah Saitch

Ysbyty Wrexham Maelor
Wrexham
Brownen Green
Judith Young
Lynda Verghese
Lally Desoysa

Royal Gwent Hospital
Newport
Emma Mills
Cerys Richards
Sajitha Parveen
Marcus Silcocks
Jessica Anderson
Sarah Beuchel

Prince Charles Hospital
Merthyr
Jackie Shuck
Sarah Morris
Sarah Carlyon
Daniel Bruynseels
Vikram Sinha
Dr Swammy
Jonathan Rogers
Myfanwy Ellis
Walid Bashi
Sreekanth Reddivari

Glangwili General Hospital
Carmarthen
Su Roberts
Rhodri Evans
Mr Shankar
Saran Nicholas

Ysbyty Glan Clwyd
Rhyl
Helen Hynes
Jo Kelly
Ingrid Volikas
Maggie Armstrong
Yvonne Jones

University Hospital of Wales
Cardiff
Donna James
Steve Morris
Claire Francis
Peter Collins
Allesandro Albiet
Georgia Stevens
Marian Beard

Princess of Wales Hospital
Bridgend
Nicola Marong
Dermot Nicolson
Fiona Benjamin
Madu Dey
Caroline Morgan
Ann Benton

Bronglais General Hospital
Aberystwyth
Su Roberts
Sunil Kumar
Angela Hamon
Carys Davies
Saran Nicholas

Ysbyty Gwynedd
Bangor
Gareth Roberts
Sarah Pitts
Catherine Pritchard
Sally Evans

OBS Cymru National Team

Sarah Bell, Gill Boden, Henry Cole, Peter Collins, Rachel Collis, Tracey Edey, Claire Francis, Kathy Greaves, Kathryn James, Miriam John, Kevin Kelly, Thomas Kitchen, Elinore Macgillivray, Cerys Scarr, Nil Sengupta, James Tozer,

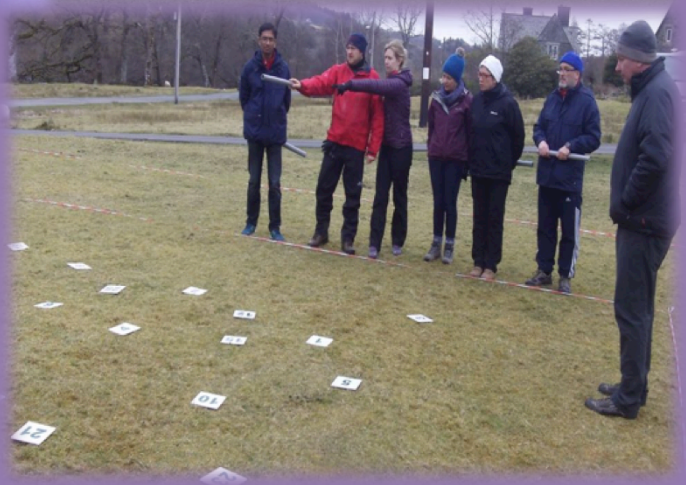

MIT SLOAN SCHOOL OF MANAGEMENT




Elan Valley Lodge














thank you
merci
obrigado
danke
謝謝
gracias
ngiyabonga
teşekkür ederim
спасибо
dank je
bedankt
dziękuję
hvala
mauruuru
go raibh maith agat
mochchakkeram
kop khun krap
sukriya
terima kasih
grazie
arigatô
takk
dakujem
merci
tapadh leat
gracias
рахмат
Баярлалаа
faafetai lava
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dhanyavad
köszönöm
bayarlalaa
gràçie
enkosi
nanni
nandri
vinaka
спасибі
blagodaram
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mersi
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tanemirt
rahmet
rahmat
kam sah hamnida
তোমাকে ধন্যবাদ
감사합니다
ευχαριστώ
xièxie
diolch
dhanyavadagalu
shukriya
mercé
мерси
trugarez