

Rehabilitation Framework: Taking a Value-Based Approach to Measuring Outcomes

THE WELSH GOVERNMENT'S AWARD

FOR PRUDENT HEALTHCARE

Lessons from SBUHB Podiatry and Orthotics Life and Limb Crisis Prevention

David Hughes MBE

Clinical Lead

Swansea Bay University Health Board

Podiatry & Orthotics Service



AHPs and healthcare scientists rising to the challenge

Our Story So Far.....

- 1. Embedding MECC
- 2. Behavioural Change Measurement
- 3. Root Cause Analysis
- 4. Co-Production and Self Management Support Training
- 5. Patient Activation Training
- 6. Implementation of *Pre-Consultation Questionnaires*
- 7. Importance and Confidence Scaling
- 8. All Wales Putting Feet First Amendment
- 9. All Wales Podiatry Taxonomy Amendment
- 10. All Wales Patient Activation Measures

POLICY AND STRATEGY Rehabilitation: a framework for continuity and recovery 2020 to 2021

A framework to help organisations plan rehabilitation services following the coronavirus pandemic.

First published: 29 May 2020

Last updated: 24 March 2021



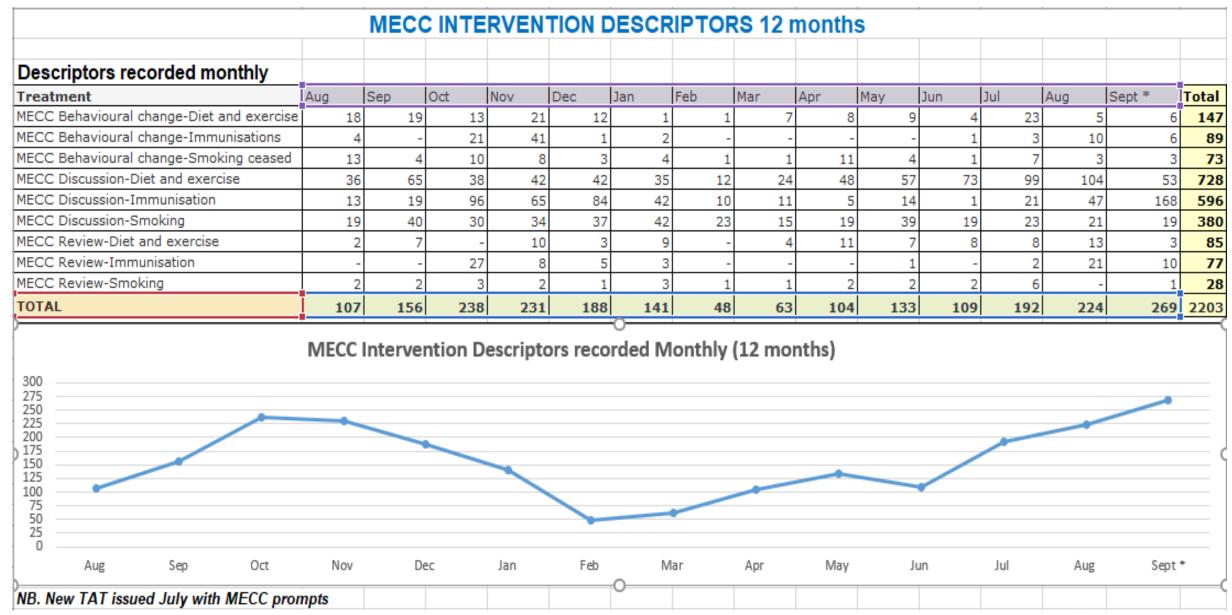


1. Embedding MECC

and

2. Behavioural Change Measurement









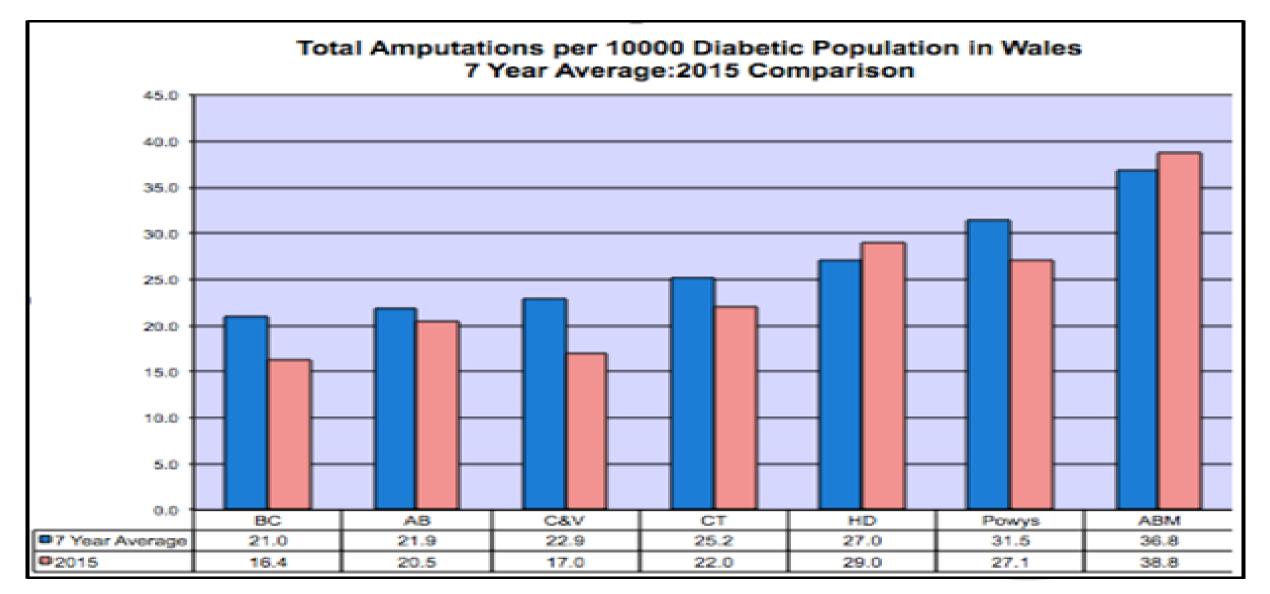
3. Root Cause Analysis

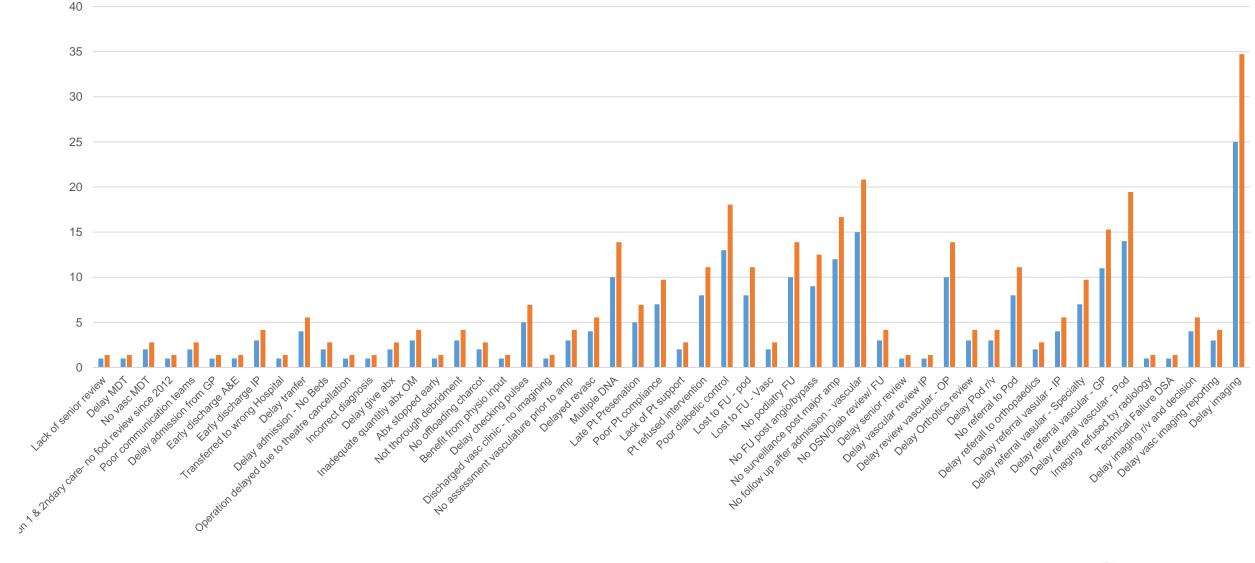
Lower Limb Amputations 2015

"Increased population need"

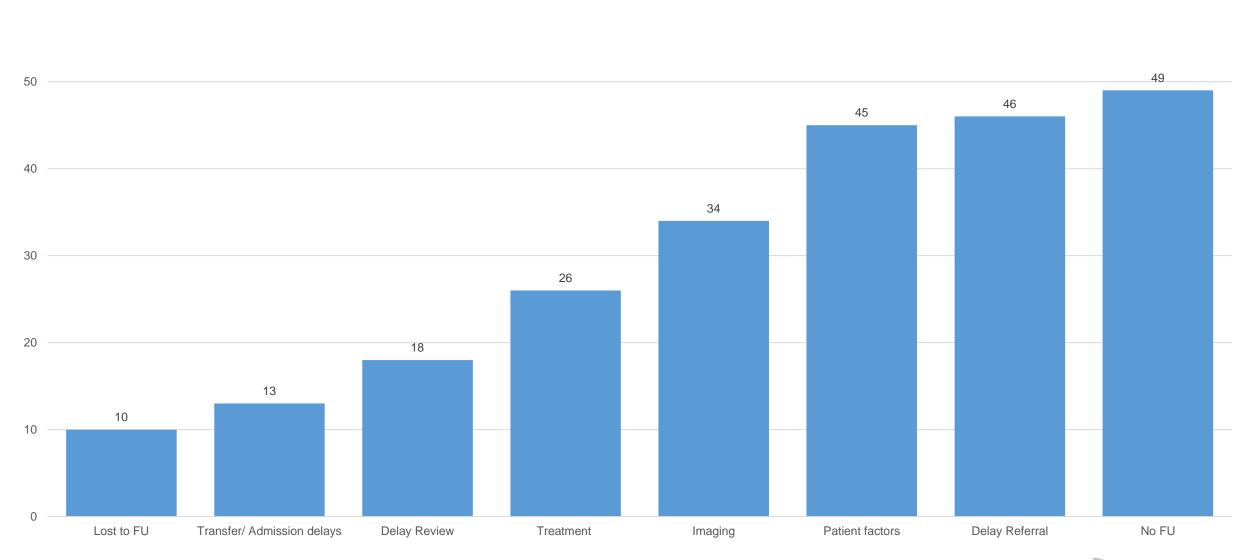


Historic Position across HB's







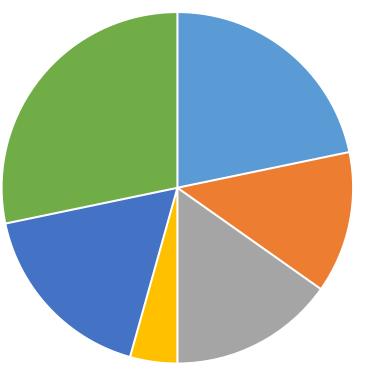




60

Impact of Low Patient Activation

Patient Factors - 45 cases



Multiple DNALack of Pt support

Late Pt Presenation

Pt refused intervention

Poor Pt compliance

Poor diabetic control

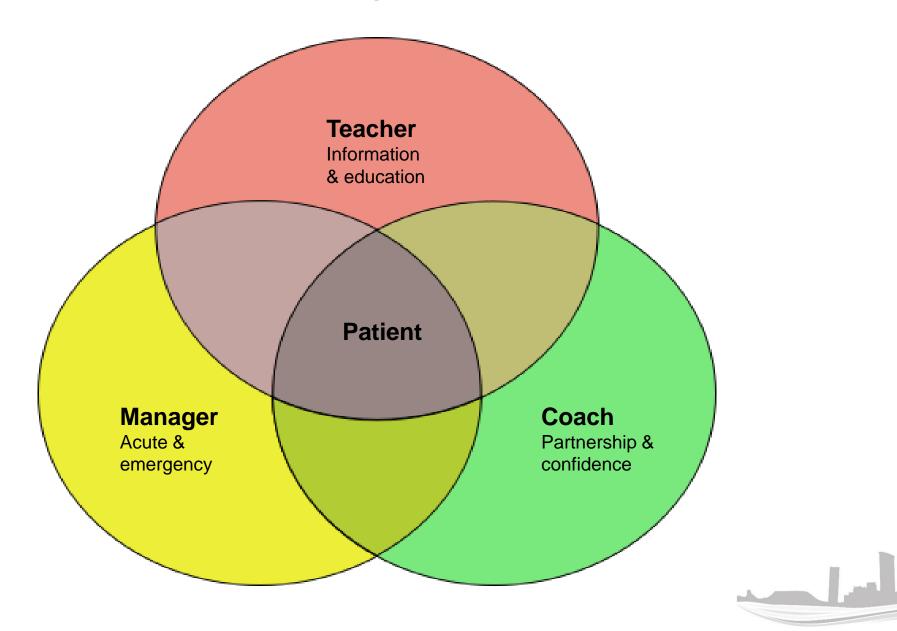


Training

4. Co-Production and Self Management Support and 5. Patient Activation



Self Management Support



REHABILITATION-
CO-PRODUCTION AND ACTIVATION

".....A workforce-wide culture of empowering people to be equal partners in maximising their own recovery and independence will be essential.

In line with A Healthier Wales, promoting selfmanagement and co-production of care will enable people to take more responsibility for their own health and wellbeing.

Advances in technology and smarter ways of working must be embedded to support the increased demand and improve access, outcomes and experience......"

POLICY AND STRATEGY Rehabilitation: a framework for cont and recovery 2020 to 2021 A framework to help organisations plan rehabilitation services following the coronavirus pandemic. First published: 29 May 2020 Last updated: 24 March 2021

Building Resources for Rehabilitation through Activation

Activation is changeable and describes the *knowledge*, *skills*, *confidence* and *importance* which relate to an individual's ability to self-determine and engage in positive behaviours.

Hibbard and Gilbert's (2014) model for patient activation demonstrates high activation levels are commensurate with-

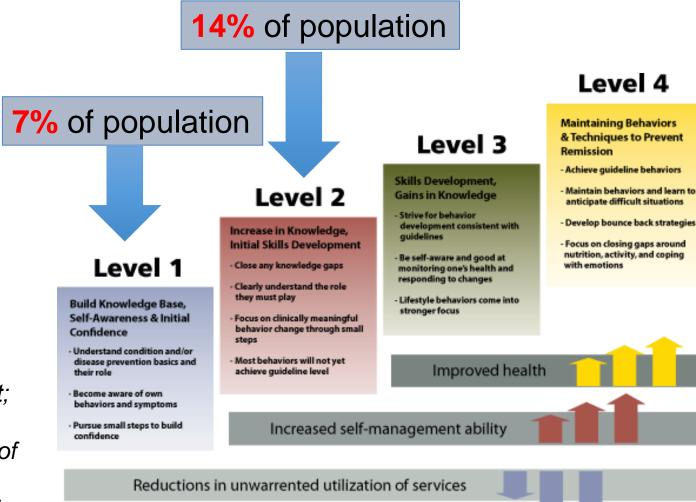
- •Positive behaviours
- Improved satisfaction
- •Improved outcomes: preventive, restorative, supportive, palliative

Conversely, low activation has been shown to result in

High levels of dependency
Reluctance to seek help
Continued failings
Increased fear or apathy
Poor outcomes



ACTIVATION PREDICTS HEALTH/REHABILITATION OUTCOMES



HIGH

".....Rehabilitation is an investment, with cost benefits for both the individuals and society:

- Avoid costly
 hospitalisation
- Reduce hospital length of stay
- Prevent re-admissions.
- Reduced reliance on long-term health and social care services
- Enables people to live more independently and provides wider societal benefits"



LOW

".....Economic impact; loss of usual societal participation and loss of family and friends, alongside the impact for frontline health and social care workers....."

Co-production- duty not choice

Paternalism is a hazard to health-

"Doing things to people instead of with them can be profoundly disempowering. It encourages patients to believe that professionals have all the answers and that they themselves lack relevant knowledge and skills, and hence have no legitimate role to play in decisions about their healthcare. Paternalism breeds dependency, encourages passivity and undermines people's capacity to look after themselves. It may appear benign, comfortable and reassuring, but it is a hazard to health."

Engaging Patients in Healthcare- per Angela Coulter 2011 p.2



Duty to Support Patient Activation and Informed Decision Making

Documenting poor patient engagement opens a further duty to support patients to overcome ambivalence

"You must encourage and help service users, where appropriate, to maintain their own health and well-being, and support them so they can make informed decisions"

HCPC Standards of conduct, performance and ethics





6. Implementation of Pre-Consultation Questionnaires

shared decision making, meaningful goal setting and patient centred management planning



Pre Consultation Questionnaires-Staff feedback

- "having the information from the patient as we introduce ourselves to one another really helps to engage and empower the patient"
- "believe it or not lots of patients are taken by surprise and feel strange being asked and not told"
- "the questionnaire helps us to focus on what is important to the patient and not just on what we feel is important for the patient"
- "reflecting back what the patient has written shows the patient that we are actively listening to them"
- "The questionnaire gives clarity to a complex list of needs and wants"
- "I feel like I have more time to get to the bottom of what may be holding a patient back rather than making assumptions"



7. Scaling of Importance and Confidence

Longitudinal analysis of patient reported I & C scores



	Importance	Confidence	Problem Solve
Beginning Level 1 Pre-contemplation	Low (0-4)	Low(0-4)	Low Explore ambivalence
Finding a way Level 2 Contemplation	Mod (5-7) –High (7+)	Moderate(5-7)	Moderate Small supported achievable goal setting
Travelling Level 3 Action	High (7+)	High (7+) for some	Moderate to High Info, Edn, Signposting & ref specialist services
Staying on track	High(7+)	High(7+)	High Increasing resilience & problem solving skills

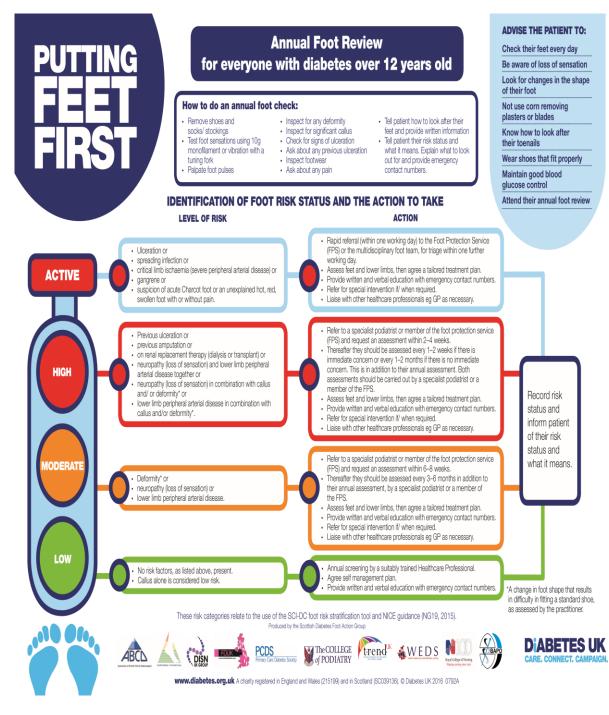




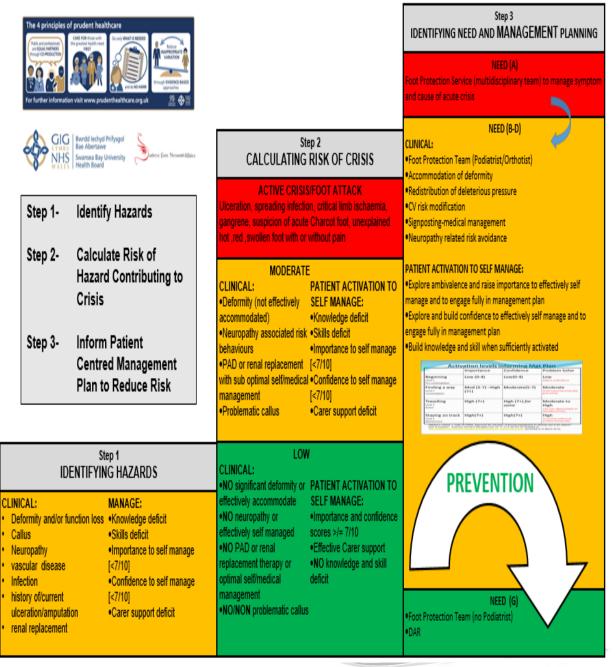
All Wales Putting Feet First Amendment

Embedding Activation in the calculation of risk for patient centred management planning





Prudent Model for Prevention of Diabetes Related Crisis





9. All Wales Podiatry Taxonomy Amendment

A holistic assessment of NEED



....will ensure that care is prioritised for those who need it most.

.... identifying health inequalities in access to timely, effective rehabilitation.

.....afford health and care planners the opportunity to deliver equity in rehabilitation responsiveness across Wales..... All Wales Podiatry Taxonomy- 2021

PODIATRY	Y NEED for INTERVENTION These are guidelines and do not cover all foot conditions and care/treatment plans will be determined on an individual basis. Where there are multiple presentations, highest need will determine taxonomy					
A ACTIVE PODIATRY	CLINICAL NEED	 Bacteria Acute N 	re Wounds Texas classified as A-D 1-3 which require wound care intervention. erial Infection e Nail Surgery e Charcot Neuro-arthropathy. Requiring Podiatric assessment			
B HIGH PODIATRY CLINICAL NEED • Muscul • Elective • Post w • Level 1 the requ			culoskeletal Pathology which requires Specialist musculoskeletal intervention (Level 2 MSK NEED) tive Nail Surgery wound healing management- where prevention of re-ulceration is not achievable through self-care alone if Activation Support – Where there is Low Activation (problem solving ability) and Patient/carer does not demonstrate equisite knowledge, skills, importance and confidence to self-care and prevent crisis. The NEED is for ambivalence (low rtance and confidence) to be explored. Why is engagement in self/carer management not important to the individual?			
C MODERATE PODIA	ATRY CLINICAL NEED	 Foot Les timefram Nail Pati Level 2 J some kn NEED is 	logies that require conservative treatments as nail surgery is currently contraindicated tivation Support- where there is Moderate Activation (problem solving ability); Patient/carer does demonstrate vledge, skills, importance and confidence to self-care and prevent crisis but still requires significant support. The r Smail supported achievable goal setting to build confidence and resilience			
D LOW PODIATRY C	LINICAL NEED	 Level % Moderate-High Activation (problem solving ability) - Patient/carer does demonstrate the requisite knowledge, skills, importance and confidence to self-care and prevent crisis and requires minimal additional support. The NEED is Info, Edn. signposting & ref specialist services. To provide this when activation is lower would be counterproductive and risk 				
			HAZAR			
E NON REGISTERE 1 HIGH			2 MODERATE	3 LOW	4 NONE	
G NO FURTHER NE (DISCHARGED)	Level 1 (LOW) Activation Pre-contemplation stage. The Patient/Caregiver has:		Level 2 (MODERATE) Activation	Level 3 (MODERATE–HIGH) Activation	Level 4 Activation	
			Contemplation stage.	Action stage.	Maintenance stage.	
			The Patient/Caregiver has:	The Patient/Caregiver has:	The Patient/Caregiver has:	
	LOW problem solvir abilities		MODERATE problem solving abilities MODERATE Importance	 MODERATE-HIGH problem solving abilities MODERATE-HIGH 	 HIGH Level Problem Solving abilities HIGH Importance and 	
	 LOW Importance ar Confidence to self-r and engage in care, equal partner 	nanage	 MODERATE Importance and Confidence to self- manage and engage in care, as equal partner 	 MODERATE-INGH Importance and Confidence to self- manage and engage in care, as equal partner. 	 First importance and Confidence to self- manage and engage in care as equal partner 	

.....Service

planning, coordination and provision should focus on the individual's need, using learning from peoples' experiences to drive improvement and demand and capacity, rather than location....

.....Priority should be given to providing rehabilitation in the environment, and by the service that will secure the best outcomes for the individual at, or as close to home as possible.....



10. All Wales Patient Activation Project

Use of PAM in 10,000 patients living with Diabetes





Below are some statements that people sometimes make when they talk about their health. Please indicate how much you agree or disagree with each statement as it applies to you personally by circling your answer. Your answers should be what is true for you and not just what you think others want you to say.

If the statement does not apply to you, circle N/A.

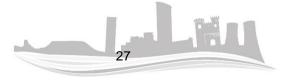
1.	When all is said and done, I am the person who is responsible for taking care of my health	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
2.	Taking an active role in my own health care is the most important thing that affects my health	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
З.	I am confident I can help prevent or reduce problems associated with my health	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
4.	I know what each of my prescribed medications do	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
5.	I am confident that I can tell whether I need to go to the doctor or whether I can take care of a health problem myself	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
6.	I am confident that I can tell a doctor concerns I have even when he or she does not ask	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
7.	I am confident that I can follow through on medical treatments I may need to do at home	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
8.	I understand my health problems and what causes them	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
9.	I know what treatments are available for my health problems	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
10	I have been able to maintain (keep up with) lifestyle changes, like eating right or exercising	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
11	I know how to prevent problems with my health	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
12	I am confident I can figure out solutions when new problems arise with my health	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A
13	 I am confident that I can maintain lifestyle changes, like eating right and exercising, even during times of stress 	Disagree Strongly	Disagree	Agree	Agree Strongly	N/A

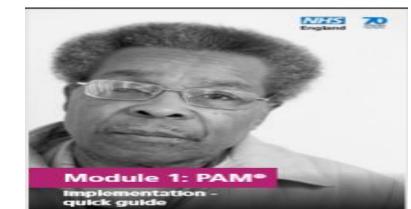
Insignia Health. "Patient Activation Measure; Copyright © 2003-2010, University of Oregon. All Rights reserved." Contact Insignia Health at www.insigniahealth.com

Building activation

Level 1	Level 2	Level 3	Level 4
Starting to take a role Patients do not yet grasp that they must play an active role in their own health. They are disposed to being passive recipients of care.	Building knowledge and confidence Patients lack the basic health-related facts or have not connected these facts into larger understanding of their health or recommended health regiment.	Taking action Patients have the key facts and are beginning to take action but may lack confidence and the skill to support their behaviors.	Maintaining behaviors Patients have adopted new behaviors but may not be able to maintain them in the face of stress or health crises.
	Inc	reasing Level of A	ctivation

Source: Prof Judy Hibbard, University of Oregon





Rehabilitation: a framework for continuity and recovery 2020 to 2021

A framework to help organisations plan rehabilitation services following the coronavirus pandemic.

First published: 29 May 2020

Last updated: 24 March 2021

NHS	Search			
Digital	Data and information	<u>Syster</u>		

NHS Digital -> Data and information -> Clinical audits and registries -> National Diabetes Foot care Audit

National Diabetes Foot Care Audit

The National Diabetes Footcare Audit (NDFA) enables all diabetes footcare services to measure their performance against NICE clinical guidelines and peer units, and to monitor adverse outcomes for people with diabetes who develop diabetic foot disease.

Llywodraeth Cymru Welsh Government	Search Digital Data and information Systems and services News NHS Digital National Diabetes Inpatient Audit > National Diabetes Inpatient Audit (NaDIA) - 2018					
www.gov.wales	Publication National Diabetes Inpatient Audit (NaDIA) - 2018					
nealth care ent activation	This is part of <u>National Diabetes Inpatient Audit</u> Audit					
	Publication date: 9 May 2019					
	Geographic coverage: England, Wales —					
	Geographical granularity: NHS Trusts, Hospital Trusts					

- Re-ulceration rates.....
- Improved Healing

Prudent l and patie

An appraisal prepar

- Reduced New and FU demand- Reduced Frequency of attendance (mid to long term).....
- Reduced waste- Reductions in DNA/C.N.A's
- Increase Clinical capacity primary, community and secondary care settings.....
- Increased Crisis prevention......
- Reduced admissions.....
- Increase in PIFU's
- Patient Satisfaction-Reduction in Complaints, Incidents & Claims
- Healthier lifestyles- reduced BMI; improved exercise (NERS); increased smoking cessation;