WHC/2019/006

WELSH HEALTH CIRCULAR

Issue Date: 9 May 2019

Llywodraeth Cymru
Welsh Government

STATUS: INFORMATION/ACTION

CATEGORY: HEALTH PROFESSIONAL LETTER

Title: NHS Wales National Clinical Audit and Outcome Review Plan
Annual Rolling Programme for 2019/20

Date of Review: April 2020

For Action by:
Health Boards and NHS Trusts
National Clinical Leads
National Clinical Audit and Outcome Review Advisory Committee.

For information:
Chief Executives
Medical Directors
Directors of Primary Care

Action required by: N/A

Sender: Dr Frank Atherton, Chief Medical Officer

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Enclosure(s): NHS Wales National Clinical Audit and Outcome Review Plan: Annual Rolling Programme from 2019/20

Dr Frank Atherton
Prif Swyddog Meddygol/Cyfarwyddwr Meddygol, GIG Cymru
Chief Medical Officer/Medical Director NHS Wales

Llywodraeth Cymru
Welsh Government

Dear Colleagues**,**

Health boards and trusts in Wales are required to fully participate in all national clinical audits and outcome reviews listed in the annual National Clinical Audit & Outcome Review Annual Plan. This circular provides a copy of the National Clinical Audit and Outcome Review Plan for 2019/20, which shall also be available via the Welsh Government website: https://gov.wales/national-clinical-audit-and-outcome-review-plan-2019-2020

National clinical audits are a major source of information aimed at measuring and benchmarking the improvement of healthcare services in Wales. The audit data are used to assess the quality and effectiveness of the healthcare provided by health boards and trusts and can make a big difference to the way we provide services when coupled with suitable improvement actions. It is essential all parts of NHS Wales participate fully in the national programme.

The Plan details the role each of us has for taking this work forward and includes the list of National Clinical Audits and Outcome Reviews which all healthcare organisations **must fully** participate when they provide the service.

If you have any queries regarding the annual plan please contact: wgclinicalaudit@gov.wales.

Yours sincerely

DR FRANK ATHERTON

NHS Wales National Clinical Audit and Outcome Review Plan

Annual Rolling Programme from 2019/20

April 2019

This is the 8th annual National Clinical Audit and Outcomes Review Plan confirming the list of National Clinical Audits and Outcome Reviews which all health boards and trusts are expected to participate in 2019-20 (when they provide the service). The plan also confirms how the findings from audits and reviews will be used to measure and drive forward improvements in the quality and safety of healthcare services in Wales.

As with previous reports, to ensure consistency, changes to the list of audits and reviews have been kept to a minimum.

Section 1 of the National Health Service (Wales) Act 2006 places a duty on the Welsh Ministers to continue the promotion of a comprehensive health service designed to secure improvement in the physical and mental health of the people of Wales. Section 2 of that Act empowers Welsh Ministers to do anything which is calculated to facilitate, or is conducive or incidental to, the discharge of that duty.

1. What do we want to achieve?

NHS Wales needs to be a learning organisation which regularly seeks to measure the quality of its services against consistently improving standards and, in comparison with other healthcare systems across the UK, Europe and the World. This measurement should be used to set improvement priorities and, the standardised improvement methodology taken forward by 1000 Lives Plus is a recognised approach for how this work should be taken forward within NHS Wales.

The Welsh Government and NHS Wales is committed to the principles of prudent healthcare to help meet the challenges of rising costs and increasing demand, while continuing to improve the quality of care. Participation in the national clinical audit programme is entirely in line with the principles of prudent healthcare. It clearly demonstrates the commitment to make the most effective use of all skills and resources and, to reduce inappropriate variation using evidence based practices consistently and transparently.

Clinical audit is an integral component of the quality improvement process and is embedded within the Welsh healthcare standards. The requirement to participate and learn from audits is also a central component of the suite of Delivery Plans developed for NHS Wales e.g. Stroke Delivery Plan, Diabetes Delivery Plan, Heart Disease Delivery Plan, etc.

2. What is the role of the National Clinical Audit and Outcome Review Advisory Committee?

To encourage greater focus on Welsh priorities, a National Clinical Audit and Outcome Review Advisory Committee (from hereon referred to as the Advisory Committee) exists to:

- Provide national leadership and professional endorsement for NHS Wales participation in a rolling annual programme of clinical audit and review.
- Ensure that audits, reviews and national registries are relevant to Wales and provide clearly identifiable Welsh data, where appropriate.
- Maximise the benefit by encouraging widespread learning.
- Promote action to improve the quality and safety of patient care through application of the 1000 Lives Plus standardised improvement methodology in areas prioritised by the audit.
- Recommend a programme of national clinical audits and clinical outcome reviews which all health boards and trusts who provide the relevant services must participate in as a minimum. This programme will be reviewed annually, and may be subject to additions during the course of the year if the Committee supports Welsh participation in any new National Audits being developed.
- Liaise with HQIP in respect of NHS Wales' requirements.

New proposed audits are assessed by the Advisory Committee against the following criteria. Proposals must;

- Have national coverage of all relevant providers (achieved or intended)
- Focus on improving the quality of clinical practice
- Provide comparison of providers at an organisational, hospital or unit level
- Evaluate practice against clinical criteria/guidelines and/or collect outcomes data
- Publish regular open (public) reports of findings
- Apply to the complete audit cycle and/or monitors clinical/patient outcomes data in an ongoing way as part of a programme of driving change
- Be prospective - i.e. does not include retrospective reviews of adverse outcomes such as confidential enquiries
- Collect data on individual patients and includes patients in their governance – recruits data from patients during the current financial year.

The agreed NHS Wales programme of audits includes the majority of audits currently supported by the National Clinical Audit and Patients Outcome Programme (NCAPOP) managed by the Healthcare Quality Improvement Partnership (HQIP), but can also include a number of other national or multi-organisational audits recognised by the Advisory Committee as being essential.

The Clinical Outcome Review Programme (formerly Confidential Enquiries) is commissioned by HQIP on behalf of the Welsh Government, NHS England, NHSSPS Northern Ireland, ISD Scotland and the Channel Island and Isle of Man

governments. The programme is designed to help assess the quality of healthcare and stimulate improvement in safety and effectiveness by systematically enabling clinicians, managers and policy makers to learn from adverse events and other relevant data.

The final agreed list of audits and reviews will be published annually. The programme for 2019-20 is attached at Annex A.

Full list of Advisory Committee membership:

1.	Dr Jacinta Abraham – Chair	Medical Director, Velindre NHS Trust
2.	Prof Chris Jones	Deputy Chief Medical Director, Welsh Government
3.	Jane Ingham	CEO, Healthcare Quality Improvement Partnership
4.	Jenny Thomas	Medical Director, Welsh Health Specialised Services Committee
5.	Rhidian Hurle	Medical Director, NHS Wales Informatics Service
6.	Arlene Shenkerov	Chair, Welsh Clinical Audit & Effectiveness Association
7.	Gill George	NHS Delivery Unit
8.	Heather Payne	Senior Medical Officer, Maternal & Child Health, Welsh Government
9.	Dr Aidan Byrne	Interim Deputy Medical Director, Abertawe Bro Morgannwg University Health Board
10.	Mark Townsend	Head of Clinical Audit & Quality Informatics, Cwm Taf University Health Board
11.	Kate Hooton	Ass. Dir. Patient Quality &Safety, Aneurin Bevan University Health Board
12.	Adrian Thomas	Executive Director of Therapies, Betsi Cadwaladr University Health Board
13.	Alexandra Scott	Patient Safety and Quality Assurance Manager Cardiff and Vale University Health Board
14.	Ceri Brown	Consultant Anaesthetist, Hywel Dda University Health Board
15.	Howard Cooper	Head of Clinical Governance, Powys Teaching Health Board
16.	Olivia Shorrocks	Head of Major Conditions, Welsh Government
17.	Chris Connell	NICE
18.	Gareth Hewitt	Head of Older People's Health & Chronic Conditions Management, Welsh Government
19.	David Thomas	Representative from Dental Deanery
20.	John Boulton	Representative of 1000 Lives Improvement Service
21.	Andrew Havers	Primary Care Representative, Welsh Government
22.	Caroline Whittaker	Quality Lead, Public Health Wales
23.	John Watkins	Public Health Consultant, Public Health Wales
24.	Joseph Wilton	Health Inspectorate Wales
25.	Rachel Powell	Welsh Ambulance Service Trust

3. How will participation, learning and action on findings be encouraged throughout Wales?

This will be achieved by:

Improved communication and encouragement of audit:

- With the regular publication of a National Clinical Audit and Outcome Review e-bulletin highlighting developments and findings from recent reports.
- Feeding back on the benchmarked performance of individual providers within clinical audits and reviews to organisations as appropriate for reflection and action.
- By raising the profile of clinical audit with boards, patient groups, clinicians and all staff working within the NHS. To include national events, organisational visits and liaison with professional bodies in Wales to encourage audit amongst their disciplines and specialism.
- Developing closer partnerships working with health boards/trusts clinical audit teams to improve knowledge and understanding of national and local audit/review activities.
- Working in partnership with other healthcare organisations e.g. Public Health Wales, National Welsh Information Service to promote and encourage a culture of participation in audit and action on findings.

Identifying areas needing a national approach to improvement:

- Reviewing common issues for all Welsh healthcare providers arising from audit and reviews and sharing solutions.
- Through the development of closer links to 1000 Lives Plus improvement programme.
- By ensuring the findings and recommendations from audits are fully considered by the appropriate Delivery Plan implementation groups.
- Working in partnership, via HQIP and with audit project teams to ensure the provision of Welsh-specific findings and potential solutions, and develop and organise workshops and events to disseminate them.

Addressing clinical services where performance may give cause for concern:

- Clearly identifying the comparative performance of individual provider organisations and understanding the reasons for any disparity.
- Ensuring issues are considered in regular performance review meetings between health boards/trusts and the Welsh Government Performance & Delivery Unit.
- Developing and publishing a protocol confirming the arrangements for the identification and handling of organisations identified in audits and reviews as

being “Outliers” including such activity designed to improve and encourage quality improvement.

Greater transparency:

- By seeking to improve the way in which the findings, recommendations and improvement actions from audit and reviews are made available to patients, public and all staff working in the NHS.

4. What is the Role of Welsh Government?

In partnership with NHS England and HQIP, the Welsh Government supports and funds the cost of NHS Wales’ participation in the National Clinical Audit and Clinical Outcome Review Programme. Through improved communication, leadership, feedback and by building on the advice that it receives from the Advisory Committee, the Welsh Government also seeks to encourage greater participation and learning from clinical audits and reviews leading to improved services, better patient outcomes and safer patient care.

Given ongoing financial restraints the Welsh Government will continue to work closely with NHS England and HQIP to systematically review the current programme with a view to reducing costs where possible onwards.

5. What are the responsibilities of Welsh health boards and trusts?

Welsh health boards and trusts should provide the resources to enable their staff to participate in all audits, reviews and national registers included in the annual plan (where they provide the service). They should ensure the full audit cycle is completed and that findings and recommendations from audit link directly into the quality improvement programme and lead to improved patient care and outcomes.

To ensure the maximum benefit is derived from the clinical audit programme health boards and trusts should:

- Ensure the necessary resources, governance and organisational structures are in place to support complete engagement in audits, reviews and national registers included in the annual Plan.
- Appoint a clinical lead to act as a champion and point of contact for every National Clinical Audit and Outcome Review which the health board is participating in. Health boards and trusts should also encourage and support clinical leads to take on the role of all-Wales representative on audit steering groups where required.
- Ensure there is a formally recognised process for reviewing the organisations performance when reports are published. This review should include consideration of improvements (planned and delivered) and an escalation process to ensure the executive board is made aware when issues around participation, improvement and risk identification against recommendation are identified.

- Complete the assurance pro-forma developed and agreed by the National Clinical Audit & Outcome Review Advisory Committee which should be used for providing internal and external assurance of the actions being taken to address audit report findings. The assurance pro-forma should be completed within four weeks of audit report publications and should be regularly updated.
- Have clear lines of communication which ensures full board engagement in the consideration of audit and review of findings and, where required, the change process to ensure improvements in the quality and safety of services take place.
- Facilitate the wider use of data from audit and national registries to be used as supporting information for medical revalidation and peer review.
- Ensure learning from audit and review is shared across the organisation and communicated to staff and patients.

6. How Will We Measure Success?

By year on year consideration of audit reports and in comparison with other UK, European and International healthcare systems to determine how compliance with best practice and achievement of healthcare outcomes compares to national and international benchmarks.

The following key criteria will also be used for judging success:

- 100% participation, appropriate levels of case ascertainment and submission of complete data sets by all health boards and trusts (where applicable) in the full programme of National Clinical Audits and Clinical Outcome Reviews.
- Less variation between local services and measurable year on year improvements in performance to achieve the highest standards. Organisations recognised as being above the audit "average" or within the top quartile for each audit and maintaining that level.
- Improvements in the quality and safety of patient outcomes and experience brought about by learning and action arising from the findings of National Clinical Audit and Clinical Outcome Review reports.

7. How Will We Maintain Success?

It is one thing to attain success and another to maintain it sustainably. The audit and quality improvement approach has the advantage of engaging those placed to make change and those expected to deliver and maintain change on a daily basis. This approach has a demonstrated track record of delivering and maintaining service improvement for a range of issues in a range of settings. Where there are expectations of delivering and maintaining better quality care and outcomes, the audit and quality improvement should be the normally used first-line approach.

8. Conclusion

The findings and recommendations from national clinical audit, outcome reviews and all other forms of reviews and assessments will be one of the principal mechanisms for assessing the quality and effectiveness of healthcare services provided by health boards and trusts in Wales.

In line with our stated ambition to develop a healthcare service that is recognised as being one of the best in the world, and to drive forward improvement, the clinical audit process will also be used to assess Welsh healthcare services against similar services being provided in other countries across the UK, Europe and Internationally.

Annex A

Annual Programme for 2019 - 20 of National Clinical Audit and Outcome Reviews in which all Welsh health boards and trusts must participate (where services are provided)

Acute	Audit website homepage	Main Contact	Collecting data in 2019/20
National Joint Registry	www.njrcentre.org.uk	Elaine Young elaine.young@hqip.org.uk Welsh Clinical Lead robin.rice@wales.nhs.uk	Yes (W, E & NI)
National Emergency laparotomy Audit *	www.nela.org.uk	Jose Lourtie jlourtie@rcoa.ac.uk Welsh Clinical Lead hywel.jones3@wales.nhs.uk	Yes (W & E)
Case Mix Programme (CMP)	www.icnarc.org	Bernadette Light cmps@icnarc.org	Yes (W, E & NI)
Major Trauma Audit #	https://www.tarn.ac.uk/	Antoinette Edwards antoinette.edwards@manchester.ac.uk	Yes (W, E & NI)
National Ophthalmology Audit (Adult Cataract surgery) *	https://www.nodaudit.org.uk/ Project closes August 2019	Beth Barnes noa.project@rcophth.ac.uk	Yes (W & E)

Long Term Conditions	Audit website homepage	Main Contact	Collecting data in 2019/20
National Diabetes Audit * **Note this covers the following areas :** National Diabetes Foot Care Audit	General: https://digital.nhs.uk Footcare: https://digital.nhs.uk/data-and-information/clinical-audits-and-registries/national-diabetes-foot-care-audit	Julie Michalowski ndfa@nhs.net Welsh Clinical lead Scott.Cawley@wales.nhs.uk	(W & E) Yes
• National Diabetes Inpatient Audit (NaDia)	NaDia: https://digital.nhs.uk/data-and-information/clinical-audits-and-registries/national-diabetes-	Sharon Thandi nadia@nhs.net Welsh Clinical lead Neera.Agarwal@wales.nhs.uk	Yes

	inpatient-audit		
• National Pregnancy in Diabetes Audit	Pregnancy: https://digital.nhs.uk/data-and-information/clinical-audits-and-registries/national-pregnancy-in-diabetes-audit	Cher Cartwright npid@nhs.net Welsh Clinical lead Margery.Morgan@wales.nhs.uk	Yes
• National Core Diabetes Audit	Core: https://digital.nhs.uk/data-and-information/clinical-audits-and-registries/national-diabetes-audit	Cher Cartwright diabetes@nhs.net Welsh Clinical Lead Julia.Platts2@wales.nhs.uk	Yes
• National Diabetes Transition Audit	Transition: https://digital.nhs.uk/data-and-information/clinical-audits-and-registries/national-diabetes-transition-audit	Gary Jevon diabetes@nhs.net Welsh Clinical Lead Sara.Crowley2@wales.nhs.uk	Yes
National Diabetes Paediatric Audit (NPDA) * #	www.rcpch.ac.uk/npda	Holly Robinson npda@rcpch.ac.uk holly.robinson@rcpch.ac.uk Welsh Clinical Lead justin.warner@wales.nhs.uk	Yes (W & E)
National Asthma and COPD Audit Programme (NACAP)* # **Note this covers the following areas :**	https://www.rcplondon.ac.uk/projects/national-copd-audit-programme	Viktoria McMillan Juliana Holzhauer-Barrie copd@rcplondon.ac.uk viktoria.mcmillan@rcplondon.ac.uk Welsh Clinical Lead Simon.Barry@wales.nhs.uk	Yes (W & E)
• COPD	https://www.rcplondon.ac.uk/projects/national-asthma-and-copd-audit-programme-nacap-secondary-care-workstream-copd		
• Adult Asthma	https://www.rcplondon.ac.uk/projects/national-asthma-and-copd-audit-programme-nacap-secondary-care-workstream-adult-asthma		
• Children and Young People Asthma	https://www.rcplondon.ac.uk/projects/national-asthma-and-copd-audit-programme-nacap-secondary-care-workstream-children-and-young		

• Pulmonary Rehabilitation	https://www.rcplondon.ac.uk/projects/national-asthma-and-copd-audit-programme-nacap-pulmonary-rehabilitation-workstream		
Renal Registry (Renal Replacement Therapy) #	https://www.renalreg.org/	renalregistry@renalregistry.nhs.uk Hilary Doxford Hilary.Doxford@renalregistry.nhs.uk	Yes (W, E & NI)
National Early Inflammatory Arthritis Audit * #	https://www.rheumatology.org.uk/Practice-Quality/Audits/NEIA-Audit	Jessica Ellis, Project Manager JEllis@rheumatology.org.uk	Yes (W & E)
All Wales Audiology Audit #		john.day@wales.nhs.uk	Yes (Wales only)

Older People	**Audit website homepage**	**Main contact**	**Collecting data in 2019/20**
Stroke Audit (SSNAP) *	www.strokeaudit.org	Alex Hoffman ssnap@rcplondon.ac.uk Welsh Clinical lead Phil.Jones@wales.nhs.uk	Yes (W, E & NI))
Falls and Fragility Fractures Audit Programme Including: • Inpatient Falls • National Hip Fracture Database • Fracture Liaison Service Database *	https://www.rcplondon.ac.uk/projects/falls-and-fragility-fracture-audit-programme-fffap-2014	**General email:** FFFAP@rcplondon.ac.uk Inpatient Falls Catherine Gallagher falls@rcplondon.ac.uk Hip Fracture Database Elizabeth Fagan elizabeth.fagan@rcplondon.ac.uk Fracture Liaison Service Database Naomi Vasilakis FLSDB@rcplondon.ac.uk Welsh Clinical Lead Antony.Johansen@wales.nhs.uk	Yes (W, E, NI))
National Dementia Audit *	www.nationalauditofdementia.org.uk	Chloe Hood nad@rcpsych.ac.uk chloe.hood@rcpsych.ac.uk Welsh Lead Elizabeth.Davies025@gov.wales	Yes (W & E)

National Audit of Breast Cancer in Older People (NABCOP) *	https://www.nabcop.org.uk/	Ms Jibby Medina nabcop@rcseng.ac.uk jmedina@rcseng.ac.uk Welsh Clinical Lead Marianne.Dillon@wales.nhs.uk	Yes (W&E)

End of Life	**Audit website homepage**	**Main contact**	**Collecting data in 2019/20**
National Audit for Care at the End of Life (NACEL) *	https://www.nhsbenchmarking.nhs.uk/news/nationalauditforcareattheendoflife	Debbie Hibbert debbie.hibbert@nhs.net Welsh Clinical Lead Melanie.Jefferson@wales.nhs.uk	TBC (W & E)

Heart	**Audit website homepage**	**Main contact**	**Collecting data in 2019/20**
National Cardiac Audit Programme (NCAP)	https://www.nicor.org.uk/	Akosua Donkor Akosua.donkor@bartshealth.nhs.uk	(W & E)
• National Heart Failure Audit *	https://www.nicor.org.uk/national-cardiac-audit-programme/nicor-and-data-gov-uk/national-heart-failure-audit/	nicor-auditenquiries@bartshealth.nhs.uk Welsh Clinical lead Jonathan.Goodfellow2@wales.nhs.uk	Yes
• Cardiac Rhythm Management *	https://www.nicor.org.uk/national-cardiac-audit-programme/cardiac-rhythm-management-arrhythmia-audit/		Yes
• National Adult Cardiac Surgery Audit*	https://www.nicor.org.uk/national-cardiac-audit-programme/adult-cardiac-surgery-surgery-audit/		Yes
• National Audit of Percutaneous Coronary Interventions (PCI) (Coronary Angioplasty) *	https://www.nicor.org.uk/adult-percutaneous-coronary-interventions-angioplasty-audit/		Yes
• National Congenital Heart	https://www.nicor.org.uk/national-cardiac-audit-programme/congenital-		Yes

Disease Audit * # • Myocardial Ischaemia National Audit Project (MINAP)* • National Vascular Registry Audit (includes Carotid Endarterectomy Audit) *	heart-disease-in-children-and-adults-congenital-audit/ https://www.nicor.org.uk/national-cardiac-audit-programme/myocardial-ischaemia-minap-heart-attack-audit/ www.vsqip.org.uk		Yes Yes
Cardiac Rehabilitation Audit	http://www.cardiacrehabilitation.org.uk/	corinna.petre@york.ac.uk	Yes (W, E & NI)

Cancer	**Audit website homepage**	**Main contact**	**Collecting data in 2019/20**
National Lung Cancer Audit *	https://www.rcplondon.ac.uk/projects/national-lung-cancer-audit	Dominic Leadbetter nlca@rcplondon.ac.uk Welsh Clinical Lead Gareth.M.Collier@wales.nhs.uk	Yes UK & Rep. I.
National Prostate Cancer Audit *	www.npca.org.uk	Dr Julie Nossiter npca@rcseng.ac.uk Welsh Clinical Lead Howard.Kynaston@wales.nhs.uk	Yes (W & E)
National Gastrointestinal Cancer Audit Programme *	https://www.nogca.org.uk/	Alison Roe og.cancer@nhs.net Welsh Clinical Lead Tom.Crosby@wales.nhs.uk	Yes (W & E)

Women's and Children's Health	Audit website homepage	Main contact	Collecting data in 2019/20
Paediatric Intensive Care (PICaNet) * #	www.picanet.org.uk	Victoria Hiley- Operational Manager v.hiley@leeds.ac.uk Sophie Butler- Project Officer S.Butler1@leeds.ac.uk	Yes (UK)
National Neonatal Audit Programme Audit * #	www.rcpch.ac.uk/nnap	Rachel Winch Rachel.Winch@rcpch.ac.uk Welsh Clinical Lead Siddhartha.Sen@wales.nhs.uk	Yes (W & E)
National Maternity and Perinatal Audit *#	http://www.maternityaudit.org.uk/pages/home	Fran Carroll fcarroll@rcog.org.uk Welsh Lead Karen.Jewell@gov.wales	Yes (W, E & S)

Other	Audit website homepage	Main Contact	Collecting data in 2019/20
National Audit of Seizures and Epilepsies in Children and Young People (Epilepsy12) *#	https://www.rcpch.ac.uk/work-we-do/quality-improvement-patient-safety/epilepsy12-audit	Calvin Down Calvin.down@rcpch.ac.uk	TBC
National Clinical Audit of Psychosis *	https://www.rcpsych.ac.uk/improving-care/ccqi/national-clinical-audits/national-clinical-audit-of-psychosis	Krysia Zalewska krysia.zalewska@rcpsych.ac.uk Welsh Lead Elizabeth.Davies025@gov.wales	Yes (W & EW)

(* denotes NCAPOP Audits)
(# denotes reports likely to include information on children and / or maternity services)

Annex B

Clinical Outcomes Review Programme

The Clinical **Outcome Review** Programme (CORP) is designed to help assess the quality of healthcare, and stimulate improvement in safety and effectiveness by enabling learning from adverse events and other relevant data. It aims to complement and contribute to the work of other agencies such as NICE, the Royal Colleges and academic research studies which support changes to improve NHS healthcare.

Without high quality data, improvement in clinical care is unlikely to occur. National clinical audits and outcome reviews are focused on areas of healthcare considered to be important, where there are often issues of concern and where national results are considered essential to improve practice and standards.

With the ability to measure against recognised standards and compare services on a local, regional or national basis, clinical audit and outcome reviews are very powerful tools for assessing the quality of services being provided. When used as part of the wider quality improvement cycle, they provide a strong mechanism for driving service change and improving patient outcomes, but full participation and a determination to learn from the findings is essential.

Service provider contracts for these programmes have been awarded to the following suppliers (links are provided to website homepages):

Clinical Outcomes Review Programme	**Programme website homepage**	**Main Contact**	**Collecting data in 2019/20**
Medical and Surgical programme *	http://www.ncepod.org.uk/ - Dysphagia in Parkinson's Disease *Patients with Parkinson's disease* - Cancer in Children, Teens & Young Adults *Review the quality of care provided to patients under 25 who died/ or had an unplanned admission to critical care within 30 days of receiving systemic anti-cancer therapy* - Acute Heart Failure *Review the quality of care provided to patients 16 and above, for patients admitted to hospital with acute heart failure*	Dr Marisa Mason mmason@ncepod.org.uk Welsh Lead Heather.Payne@gov.wales	(W, E) TBC No No

	- Perioperative Diabetes *Review the process of care in the peri-operative management of surgical patients with diabetes across the whole patient pathway.* - Pulmonary Embolism *Review the process of care for patients diagnosed with pulmonary embolism.* - Bowel Obstruction *Review the process of care for patients diagnosed with bowel obstruction.* - In-hospital management of out-of hospital cardiac arrest		No No No Yes
Mental Health programme *	http://research.bmh.manchester.ac.uk/cmhs/research/centreforsuicideprevention/nci - Suicide, Homicide & Sudden Explained Death - Safer Care for Patients with personality disorder - Assessment of Risk and Safety in Mental Health Services -	Dr Pauline Turnbull pauline.turnbull@manchester.ac.uk Welsh Lead Elizabeth.Davies025@gov.wales	(W, E) Yes No
Child Health Clinical Outcome Review Programme *#	http://www.ncepod.org.uk/ - Young People's Mental Health study *Review of Young People's Mental Health, focusing on self harm* - Long Term Ventilation *Review the process of care for patients under 25 diagnosed with long term ventilation.*	Kirsty MacLean Steel kmacleansteel@ncepod.org.uk Heather Freeth hfreeth@ncepod.org.uk Welsh Lead Heather.Payne@gov.wales	(W, E) No Yes
Maternal, Newborn and Infant Clinical Outcome Review Programme *#	https://www.npeu.ox.ac.uk/mbrrace-uk - Perinatal Mortality Surveillance - Perinatal morbidity and mortality	Professor Jenny Kurinczuk jenny.kurinczuk@npeu.ox.ac.uk Welsh Lead Karen.Jewell@gov.wales	(UK) Yes

	confidential enquiries		Yes
	- Maternity mortality surveillance and mortality confidential		Yes
	- Maternity morbidity confidential enquiries		Yes