![GIG CYMRU NHS WALES | Bwrdd Iechyd Prifysgol Hywel Dda University Health Board]

PWYLLGOR DATBLYGU STRATEGOL A CHYFLENWI GWEITHREDOL	
PWYLLGOR DATBLYGU STRATEGOL A CHYFLENWI GWEITHREDOL **STRATEGIC DEVELOPMENT AND OPERATIONAL DELIVERY COMMITTEE**	

DYDDIAD Y CYFARFOD: **DATE OF MEETING:**	25 April 2023
TEITL YR ADRODDIAD: **TITLE OF REPORT:**	Electronic Prescribing Medicines Administration (EPMA)
CYFARWYDDWR ARWEINIOL: **LEAD DIRECTOR:**	Jill Paterson, Director of Primary Care, Community and Long Term Care
SWYDDOG ADRODD: **REPORTING OFFICER:**	Owain Williams, Lead Pharmacist - Primary Care & Community Pharmacy / Chris Brown, Clinical Director of Pharmacy & Medicines Management

Pwrpas yr Adroddiad (dewiswch fel yn addas) **Purpose of the Report** (select as appropriate)
For information

ADRODDIAD SCAA **SBAR REPORT**
Sefyllfa / Situation

Sefyllfa / Situation

Hywel Dda University Health Board (HDdUHB), along with other Health Boards and Trusts in Wales, are required to adopt and implement an Electronic Prescribing and Medicines Administration system in Secondary Care and the Electronic Prescription Service in Primary Care.

This report is to outline the differences between the two programmes and outline the Health Board's current position on their implementation.

Cefndir / Background

There are four arms to the Welsh Digital Medicines Transformation Portfolio (DMTP) which sits under Digital Health Care Wales (DHCW):

- Secondary Care electronic Prescribing and Medicines Administration (ePMA)
- Primary Care Electronic Prescription Service (EPS)
- Shared Medicines Record (SMR)
- Patient Access (NHS Wales app)

The aim is full integration of each 'arm' creating seamless digital transfer of a complete medicines record to all healthcare providers and providing patients with access to their own medicines list, empowering them to manage their own health.

ePMA

ePMA will allow clinicians to prescribe medications electronically for patients who sit under a Secondary Care provider and will allow a digital record of administration of the medication. This will mainly involve hospital inpatients but could involve patients outside of hospital, such as those prescribed and administered medicines by the Acute Response Team (ART).

Under the oversight of Welsh Government (WG) and Digital Health Care Wales (DHCW), each Health Board is managing the procurement and implementation of their own ePMA system. A request for Health Board funding in addition to WG funding is needed to deliver the programme. Following presentation at the Sustainable Resource Committee and Digital Oversight Group in February, the full business case was presented to the Executive Board in March, who approved year one of ePMA project pending confirmation of funding (for year one) from Welsh Government. It is on the understanding that the Health Board reassess its position before agreeing to progress to year two, in order to firstly identify where funding from year two onwards will come from. A formal funding proposal has been submitted to Welsh Government (3 April 2024) and the full business case is being presented at the Welsh Government National Leadership Portfolio Board in April.

EPS

EPS is the electronic prescribing of medicines to patients within Primary Care and Community Services and does not include recording of medicines administration. EPS allows prescribers from predominantly primary health care providers such as GP practices, to write and send prescriptions electronically to a community pharmacy (or other dispenser) of the patient's choice for supply of their medication.

The first electronic prescription was prescribed and processed in Betsi Cadwaladr University Health Board in November 2023, and DHCW will continue to provide the national roll out of the service, in-line with Ministerial Direction 2023 No 27. Each Health Board has been given a

timeline of when EPS is expected to be delivered depending on the 'readiness' of GP prescribing systems and community pharmacy dispensing systems.

Governance for the local implementation will sit with the Health Board to approve the plan and timeline provided by DHCW. HDdUHB have representation on the National EPS advisory group, and a local Health Board implementation group met on 19 March 2024 (including representation from Local Medical Committee and Community Pharmacy Wales) to approve the implementation plan for EPS in the first identified HDdUHB GP practices and community pharmacies. Pending further confirmation from DHCW, it is likely that the first EPS implementation within HDdUHB will be in Quarter 3 2024-25.

The other two programs within DMTP are being rolled out concurrently. The NHS Wales app is already available to some GP practices and Health Boards. This app will allow users to share and collect medicines information, order repeat prescriptions and nominate a pharmacy of choice. The Shared Medicines Record will be a single shared record of medicines for every patient in Wales so that all healthcare information is in one place, allowing for seamless transfer of patient and medication-related information across care settings. This project is currently within its beta testing phase, and is aiming to be in the user-acceptance testing stage by the time the first Health Board (Cardiff & Vale) implements their ePMA system, which is planned for June to July 2024.

Asesiad / Assessment

There is the potential for EPS to integrate with ePMA; medicines prescribed in a secondary care outpatient setting where a supply is needed could be digitally transferred to a community pharmacy for the patient to collect.

This will also support prescribing and supply of medicines in the intermediate care setting. Clinicians will be able to prescribe remotely and digitally transfer prescriptions to a location closer to the patient, therefore aligning with the Health Board's A Healthier Mid and West Wales (AHMWW) strategy to deliver care closer to home.

A greater understanding is needed of how electronic prescribing and digital transfer of medicines information in the intermediate care setting will be managed in the Health Board, and the resources needed to deliver this workflow. The benefits of remote prescribing and digital transfer of prescriptions to deliver care closer to home must be realised.

Implementation of ePMA as the Secondary Care digital solution will create digital medicines records, enable integration of medicines information with other systems, and enable staff and patients to become more digitally skilled, as outlined in HDdUHB's Digital Operational Plan and Digital Response.

Strong clinical leadership and governance is needed to ensure that these programmes meet the demands of the clinical workforce and the patient population, working with the Health Board's digital teams and DHCW.

Argymhelliad / Recommendation

The Strategic Development and Operational Delivery Committee is asked to:
- **NOTE** the differences and potential for integration between ePMA and EPS to fully realise the benefits of digitising the medicines prescribing and supply workflows.
- **NOTE** the relevance of the programmes and their contribution to Delivering a Healthier Wales and HDdUHB Digital Operational Plan.

- **NOTE** the current Health Board position for the implementation of digital medicines systems.

Amcanion: (rhaid cwblhau) Objectives: (must be completed)	
Committee ToR Reference: Cyfeirnod Cylch Gorchwyl y Pwyllgor:	2.1 To receive an assurance on delivery against all relevant Planning Objectives falling in the main under Strategic Objectives 4 (The best health and wellbeing for our individuals, families and our communities) and 5 (Safe, sustainable, accessible and kind care), in accordance with the Board approved timescales, as set out in HDdUHB's Annual Plan.
Cyfeirnod Cofrestr Risg Datix a Sgôr Cyfredol: Datix Risk Register Reference and Score:	EPMA: Directorate Level Risk register entry 1171 Risk of avoidable medication related harm due to no e-prescribing and electronic medication administration system (Risk score 16)
Parthau Ansawdd: Domains of Quality Quality and Engagement Act (sharepoint.com)	All apply
Galluogwyr Ansawdd: Enablers of Quality: Quality and Engagement Act (sharepoint.com)	All apply
Amcanion Strategol y BIP: UHB Strategic Objectives:	All Strategic Objectives are applicable
Amcanion Cynllunio Planning Objectives	All Planning Objectives Apply
Amcanion Llesiant BIP: UHB Well-being Objectives: Hyperlink to HDdUHB Well-being Objectives Annual Report 2021-2022	All HDdUHB Well-being Objectives apply

Gwybodaeth Ychwanegol: Further Information:	
Ar sail tystiolaeth: Evidence Base:	Ministerial Direction 2023 No.27 for EPS Full Business Case for ePMA
Rhestr Termau: Glossary of Terms:	Incorporated in the main body of the report
Partïon / Pwyllgorau â ymgynhorwyd ymlaen llaw y Pwyllgor Datblygu Strategol a Chyflenwi Gweithredol: Parties / Committees consulted prior to Strategic Development and Operational Delivery Committee:	ePMA: Sustainable Resources Committee Digital Oversight Group EPS: EPS advisory Group and local implementation group

Effaith: (rhaid cwblhau) Impact: (must be completed)	
Ariannol / Gwerth am Arian: **Financial / Service:**	Availability of real time medicines data and directed prescribing through ePMA should have a positive impact on the secondary care drug spend.EPS? Integrated Impact Assessment Template
Ansawdd / Gofal Claf: **Quality / Patient Care:**	Positive impact on patient care through anticipated reduction in prescribing and administration errors with ePMA. EPS? Integrated Impact Assessment Template
Gweithlu: **Workforce:**	Integrated Impact Assessment Template Increased digital literacy and skills of staff in line with HDdUHB digital response and operational plan
Risg: **Risk:**	The digitisation of medicines processes will reduce risks associated with paper-based processes. It will also provide real-time data to improve clinical decision making and reduce risk of harm. Integrated Impact Assessment Template
Cyfreithiol: **Legal:**	Digitisation of prescribing and associated medicines processes could lead to a reduction in errors and associated legal claims Integrated Impact Assessment Template
Enw Da: **Reputational:**	Positive impact through improved use of resources and modernisation by digitisation Integrated Impact Assessment Template
Gyfrinachedd: **Privacy:**	Not applicable ePMA EPS: Integrated Impact Assessment Template
Cydraddoldeb: **Equality:**	ePMA – if the system is approved a full equality approach will be adopted EPS - equality impact assessment done by DHCW Equality Impact Assessment