



6ER-025

PHARMACIST CLINICIANS IN HOSPITALS: TRANSFORMING THE WORKFORCE WITH NEW MODELS OF PATIENT CARE

Aiello M¹, Hughes E², Terry D³, Huynh C³

¹ Health Education England, ² Health Education England - London and Southeast, ³ Aston University



Background

There are concerns about maintaining appropriate clinical staff levels in Emergency Departments (ED) in the UK.

Pharmacist Clinicians can support the multi-professional team in a range of clinical services (1).

The NHS Health Education England programme team developed a model training pathway for **Pharmacist Clinicians**, with a start point being an innovative **Clinically Enhanced Pharmacist Independent Prescriber (CEPIP)** programme.

CEPIP aims to equip pharmacists with prescribing rights and advanced clinical skills.

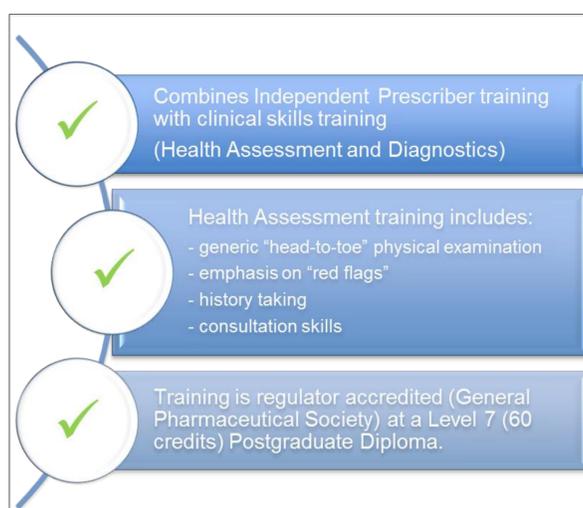
CEPIP is underpinned by the world-first **PIED-Eng** study, conducted by the same team.

"Pharmacists in Emergency Departments," 49 sites, 18,613 cases (1) - evaluating the role of advanced clinical pharmacists in ED in England (2).

Clinically Enhanced Pharmacist Independent Prescribing (CEPIP)

Clinically Enhanced Pharmacist Independent Prescriber Programme (CEPIP) was developed from an identified need (PIED) to provide a bridging mechanism for pharmacists wishing to enhance their scope of Advanced Clinical Practice.

CEPIP:



The proposed training pathway is evidence based, so we can create a skills list for course providers, to maximise benefit and ensure national alignment.

"The entire Emergency Department pharmacy team at the Trust have either completed, or are in the process of completing the (HEE led) Advanced Clinical Practice programme, which has had a major impact on their ability to review patients and the quality of service they can deliver within the Emergency Department."

Deputy Chief Pharmacist, Worcester Acute Hospitals Trust

Delivering CEPIP:

- **5 cohorts** have been delivered between 2014 and 2017 – Over 300 pharmacists trained from Primary, community and secondary care settings.
- **Pass and fail rates** were comparable with non-clinical ("standard") Independent Prescriber programmes at the test sites

2017-18 Programme:

- **114 Pharmacists** on courses from September 2017.
- **Jan 2018:** HEE are piloting a dual-accredited CEPIP (CEPNIP) for **Pharmacists and Nurses**.

Evaluation Aims & Objectives

To ensure that training needs identified during **PIED-Eng** were included in **CEPIP** courses and to evaluate the extent of training coverage.

Method

CEPIP Programme Directors of three UK Universities in the West Midlands were sent a list of the **494 model training needs** identified by the **PIED-Eng** study in the four categories:

- Clinical examination and assessment = 218
- Diagnostic skills = 89
- Medical management = 183
- Training course component = 4

Participants were asked to identify if courses cover each training need, and then to rank training on a linear scale (1-5): 1 = minimal coverage and 5 = maximum coverage.

Outcomes

The three universities identified:

- #1: 150/494
- #2: 242/494
- #3: 83/494 ...of **PIED** training needs

Training needs with highest coverage (4.33/5):

- Abdominal examination,
- Cranial nerve examination,
- Throat examination,
- History taking,
- Stethoscope use (chest),
- Auriscope use.

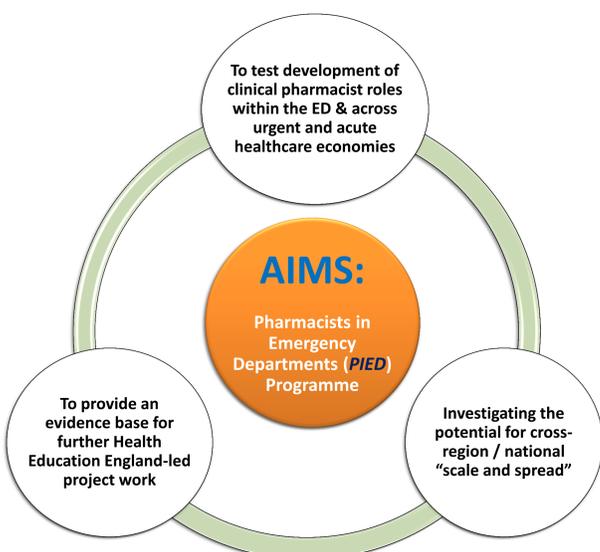
Conclusions

- **CEPIP** courses cover elements of the training needs identified by the **PIED** study.
- **CEPIP** is a bridging mechanism for pharmacists to (confidently and competently) progress to advanced clinical training.

Health Education England will continue to investigate the potential for pharmacist clinicians in the joined up, multi-skilled, multi-professional Urgent, Acute and Emergency Medicine workforce of the future.

References

- Aiello M, Terry D, Selopal N, Huynh C, Hughes E (2017) **Pharmacist Clinicians in the 21st Century Workforce** *Clinical Pharmacist & The Pharmaceutical Journal* <http://www.pharmaceutical-journal.com/research/perspective-article/examining-the-emerging-roles-for-pharmacists-as-part-of-the-urgent-acute-and-emergency-care-workforce/20202238.article>
- Hughes E, et al (2017). "The future enhanced clinical role of Pharmacists in Emergency Departments in England - A national multi-site observational evaluation." *International Journal of Clinical Pharmacy*; Int J Clin Pharm.2017; 39(4): 960-968. DOI: [10.1007/s11096-017-0497-4](https://doi.org/10.1007/s11096-017-0497-4)



Advanced Clinical Pharmacists: Proposed Pharmacist Development Pathway

Advanced clinical skills training will support pharmacists in managing patient flow and should be undertaken as part of a multi professional team and against a credentialled, established training pathway:

