Information Paper - Standard Computerised Revalidation Instrument for Prescribing and Therapeutics (SCRIPT)

1. Background - What is SCRIPT?

- Interactive multi-media Prescribing package/tool developed by HEE West Midlands with University of Birmingham and OCB media.
- 41 learning e-learning modules authored by clinicians and pharmacists & linked with clinical practice and real life case studies.
- Based on competencies set out in the Foundation Curriculum; GMC Guidance for safe prescribing and learning competencies relevant to non-medical prescribers.

2. Usages

SCRIPT e-learning can be utilised to support safe, effective and appropriate prescribing practice across a wide range of therapeutic areas. It has potential to be used to support safe, effective and appropriate prescribing practice across a wide range of therapeutic areas and professional groups.

It can be used to support assessment and prescribing competence/knowledge as well as to refresh and update (Continuous Professional Development).

It is important to note that the primary focus of medical and healthcare training won’t change and clinical experience will still be gained working with senior/expert colleagues.

3. How it is being used in other LETB areas:

- **F1 and undergraduate doctors** – 41 modules Initially written for junior doctors to help them to learn the principles of good prescribing practice, and to enable them to achieve the minimum standards of prescribing. 16 modules are mandated for all F1 trainees in the West Midlands (subject areas Chosen by the West Midlands Workforce Deanery). Many of the modules are relevant to under graduate learning outcomes.

- **To Prepare for Prescribing Skills Assessment being piloted by The Medical School Council and British Pharmacological Society**. An ideal tool to support trainees for these proposed assessments.

- **To enable GP’s to update their prescribing and as CPD** ( also pilot project around joint GP and pharmacist training -KSS).

- **For Core and Speciality Medical Trainees**

- **CPD For Dentists** - Script Dental package (7 modules) has been developed for dentists and is being used by HE Kent Surrey and Sussex dental practitioners. Accredited with verifiable CPD (VCPD) points on completion of modules 1hr 1 VCPD (total 7 hours).

- **For Pre- Reg Trainee and Foundation Pharmacists** (KSS)
To support delivery of “Fast Track” Non-Medical Prescribing course to support a blended learning approach (West Midlands Emergency care project).

To support revalidation of NMP courses and provide portfolio development (as in KSS).

Prior to undertaking medical training

4. Benefits of using SCRIPT

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<th>General</th>
<th>For medicine specifically</th>
<th>To support learning</th>
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<td>Material/modules draw on a wealth of experience from clinicians and practitioners.</td>
<td>Excellent preparation for the national Prescribing Skills Assessment (PSA).</td>
<td>Allows a flexible approach to learning &amp; can be used to support blended learning approaches.</td>
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<td>It underpins good prescribing practice, and aligns with the GMC guidance on safe prescribing.</td>
<td>Provides preparation for Year 4 and Finals prescribing examinations</td>
<td>Readily available to learners at their convenience.</td>
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<td>Use of SCRIPT could reduce prescribing errors, litigation claims and admissions related to inappropriate medication/prescribing.</td>
<td>Over 1,000 trainees in the West Midlands gave positive feedback.</td>
<td>Specifically designed to support learners via a range of interactive methods and underpins good prescribing practice.</td>
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<td>Equips practitioners with the prescribing knowledge and skills needed to prescribe with confidence.</td>
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<td>Managers/tutors have access &amp; are able to monitor learners.</td>
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<td>Inexpensive to purchase (yearly licence fee) new modules are developed at no additional cost and not limited to maximum or minimum learners.</td>
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<td>Learning outcomes document allows SCRIPT to be used alongside teaching in workplace.</td>
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<td>Can be used for medical and non-medical prescribers to support safe effective and appropriate prescribing practice across a wide range of therapeutic areas.</td>
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<td>Fits in with HEYH LETB Pharmacy Strategy (Safe Prescribing and post).</td>
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<td>Package is maintained and kept up to date. Content and modules are reviewed and updated automatically (min 2yearly) &amp; users are alerted to updates.</td>
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<td>Where there are suggestions for change or problems with the IT system these are acted on straight away.</td>
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5. General Information

- HEYH is able to personalise registration page (logo etc).
- Every 2 years information is archived – so can access later.
- June 2014 updates to the reporting system and transfer of e learning systems suite (Royal Marsden) were undertaken.

Letb’s that have purchased the package include: Wessex, E Midlands, EOE, KSS, NE. Several medical schools have also purchased SCRIPT including Bart’s and The London, School of Medicine and Dentistry: Keele University, School of Medicine; University of Warwick, Warwick Medical School; University of Birmingham, School of Medicine. Each is using it in different ways.
There have been initial discussions as to potential for national use via HEE and the development of a national SCRIPT User group.

6. Next Steps - Considerations for Implementation

- Confirm whether purchased by HEYH
- West Midlands will set up and provide ongoing IT support - will require presence on LETB website or other platform and management of this.
- Promotion will be key to getting “buy in” and establishing (this has been a large part of the work in KSS pilot).
- In West Midlands used for junior doctors – 16 modules 1st year are mandated - if foundation doctors fail to complete all 16 they don’t get sign off 2nd year of study. Clinical Tutors can see who has completed. 2nd year – not mandated modules taken will depend on specialist areas – individual choice.
- In KSS also used for foundation doctors alongside “face –to- face” teaching - required to do a minimum of 6 modules in each year. (These are chosen by the Trust with no more than 16 modules mandated). Each Trust decides how they will use SCRIPT- early evaluation suggests protected learning time to undertake modules is a challenge.
- WM willing to support piloting in one area and show what it is all about.
- University of Birmingham (developers) would be willing to attend meetings to demonstrate/answer questions.
- Managing implementation: WM and KSS have a prescribing lead who as part of their role manages the SCRIPT project.
  In KSS the implementation of SCRIPT pilot has been significant work as it has required face to face meetings with Trusts – implementation hours for the prescribing lead has been in excess of 1 day a week. Engagement of stakeholders has been helped because There has been support to gain engagement by stakeholders through the established Prescribing Leads network. Administrative support for the implementation pilot has been built into a Foundation Assistant Administrator role (contact person to answer questions re access to e learning and to support co-ordination).

In HEYH will SCRIPT Implementation be part of proposed Medicines Safety role?

- Where using for F1 trainees - Will require cross working with Deanery to agree how to use and whether to prescribe mandated modules. Link to F1 prescribing assessment requirements will ensure that it is used as part of training. Will mandating agreed modules support usage?
- Consider whether/how to use for NMP fast track and Dental trainees.
- Evaluation: The benefits matrix in 4 (above) could be used to agree measures to evaluate effectiveness and demonstrate ROI. KSS set usage objectives aiming for 1,800 users (from 151 in pilot) over 8 month period. KSS letb have with medical schools produced a SCRIPT implementation guide the purpose of which is to assist local education providers to implement SCRIPT- this could be replicated.
- There have been challenges in the KSS pilot which is being evaluated (report due end January 2015 and will be available from the KSS website). Should help support implementation in HEYH.
- In HEYH there is already an e learning resource package that has been developed to support medicines management and safe prescribing, and includes a calculations resource. Initially aimed at non medics- there is a need to review both packages for clarity of use.
Resources/Further Reading (developed by KSS but available and could support implementation):

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<th>3. SCRIPT for STFS Faculty Briefing Katie</th>
<th>SCRIPT Module Learning Outcomes M</th>
<th>SCRIPT Module Learning outcomes (KSS LETB)</th>
<th>SCRIPT Implementation Guide</th>
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<td>KSS Faculty briefing</td>
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Appendix - SCRIPT Modules and Learning Outcomes

The interactive learning modules cover a range of topics including dosing and calculations, basic medication errors and drugs in pregnancy and breastfeeding.

There are 41 modules including videos, graphic and clinical case exercises that test learning and measure progress. The modules are divided into seven key areas:

- The principles of prescribing
- Prescribing in medical emergencies
- Managing the risks of prescribing
- Prescribing in special circumstances
- Therapeutic groups
- Clinical governance
- Advanced prescribing

The document embedded in this information has been developed by KSS LETB and outlines the modules and Learning outcomes.

SCRIPT Module - Learning Outcomes May 2014.docx

SCRIPT – Information on the WM Dental modules can be accessed from: http://wm.hee.nhs.uk/our-work/script/new-development-script-dental/

- Comprises 7 modules containing interactive content and case-based prescribing scenarios.
- Includes in-module activities and a pre- and post-test to help learner understand their baseline knowledge and measure progress.
- Advocated for use as CPD - Dental users are accredited with Verifiable CPD (VCPD) on completion of modules (1 hour = 1 VCPD – total 7 hours).
  - **Safe Prescribing in Dentistry** (3 hours VCPD) Includes: Medical Emergencies, Prescribing Documentation and Drug History, Medication Errors and Adverse Drug Reaction, Special Patient groups
  - **Prescribing in Medical Emergencies** (1 hour VCPD)
  - **Peri-Procedural Prescribing** (1 hour VCPD)
  - **Management of Infection** (1 hour VCPD)
  - **Pain, Ulceration and Inflammation** (1 hour VCPD)

Paper prepared by Alison Ackew V2 Reviewed 8th January 2014