



## Training to Support The Paediatric Early Warning System

### Introduction:

Effective staff education and training has been identified as a key facilitator to early warning system implementation in the Irish context (Lambert, 2015). Ongoing targeted training and reinforcement of learning will support embedding of safe PEWS practices.

### Recommendations to Support PEWS Training:

Training to support the PEWS comprises two formats and local sites must evaluate their individual requirements. In addition, there are specific resources designed for use in sites that permit medical variances or modifications to the PEWS. All other sites should select the generic version of the online teaching materials. It is acknowledged that training needs will change over time. The suggested timetables overleaf may be adjusted to suit local need.

PEWS Training Programme	PEWS Update Programme
Up to 3 hours	Up to 1 hour
Sites training for PEWS implementation New users Clinical areas not dedicated to paediatric care Clinical sites with low paediatric inpatient bed capacity	Dedicated paediatric settings post PEWS implementation Dedicated paediatric clinical staff working in paediatric settings

	Generic resources	Permitted variances
Quiz + answer template	10 questions	15 questions
Video	15 minutes	17 minutes

### PEWS Implementation Leads and Trainers

Implementation leads\* and trainers should lead PEWS training and participate in the delivery of training, act as a resource to colleagues and promote PEWS in the hospital. The selection of trainers is important and the following is recommended:

- Interdisciplinary training is key to supporting successful teamwork in relation to PEWS
- Nominated PEWS trainers should have experience in the delivery of clinical education, including delivering lectures/talks, facilitating discussion and clinical case presentations. Experience in simulation or skills training may be of particular advantage.
- Trainers should include both medical and nursing staff
- Medical trainers include the consultant PEWS lead and NCHDs
- Nursing trainers include the nursing PEWS lead and key clinical staff

\*see PEWS Implementation Guidance for additional information

## PEWS Champions

In addition to PEWS implementation leads and trainers, named PEWS champions are recommended to promote continued compliance and facilitate queries from colleagues and parents. PEWS champions can assist local education and audit where appropriate.

## Guidance for the Delivery of PEWS Training

1. Distribute the user manual to participants 1-2 weeks in advance of training for pre-reading
2. A meeting of all trainers involved is recommended to ensure effective preparation and a coordinated approach.
3. Select the appropriate training session: 3 hour Training or 1 hour Update, detailed overleaf. All training resources are contained within the Training folder at [www.hse.ie/pews](http://www.hse.ie/pews)
4. Select the PEWS video required for the site:
  - **PEWS Generic video** (15 minutes): excludes information on permitted modifications
  - **PEWS with permitted variances video** (17 minutes): includes information on permitted modifications; Medical Escalation Agreement and Parameter AmendmentPEWS videos can be embedded within the presentation. To do this: Download the selected video and save it to the same folder as the presentation. Use the 'insert' tab in the PowerPoint to embed the video in the required slide.
5. Select the appropriate quiz, quiz answer sheet, evaluation sheet and other resources to complement the selected slide set and video. The quiz is recommended to be completed by all participants at the beginning of each 3 hour training session. It may be completed at update sessions but is not mandatory. The aim of this quiz is to identify individual knowledge and understanding of PEWS and identify any areas that require improvement. The quiz offers an ideal opportunity for trainers to discuss key learning points and may be used in additional updates according to local needs.
6. Use of case studies: present a valuable teaching and learning strategy. It is recommended that implementation leads and trainers within each site would continually develop local case studies that are relevant for use within their areas.

## Training & Update Resource Checklist

- ✓ PEWS User Manual 2<sup>nd</sup> Edition, March 2017
- ✓ Quiz question sheet variances/no variances (*collect post course and shred*)<sup>§</sup>
- ✓ Instructor quiz answer sheet variances/no variances<sup>+</sup>
- ✓ PEWS TRAINING PowerPoint Presentation \*\*, sample charts
- ✓ Case Studies: scenarios, facilitator cards, poster prompts as required
- ✓ Evaluation sheets<sup>§</sup>
- ✓ Certificates of attendance<sup>+</sup>

<sup>§</sup> Optional at Update sessions

<sup>+</sup> Supplied directly to the named PEWS Lead at each site

\*\* There are substantial notes outlined with the slide set to assist in presenting the material. These pages can be added to locally and may be printed as a resource for trainers.

## Pre-course Learning

To enhance learning, it is recommended that participants review the PEWS manual in advance of any training session.

### **Suggested Timetable 1: PEWS Training Programme (up to 3 hrs)**

#### **Part 1: Registration, Pre-course quiz (10mins)**

- Learners should complete the quiz and return to the trainer for marking

#### **Part 2: Paediatric Early Warning System (60mins)**

- Slide presentation on PEWS with embedded video
- Practical use of paediatric observation charts

#### **Part 3: Case Studies (30-40mins)**

- Facilitate a minimum of two case discussions to allow learners to put their learning into practice
- All learners should be encouraged to participate. Case studies/practical demonstration of PEWS is recommended as interdisciplinary group work. See facilitation advice in Case Study templates at [www.hse.ie/pews](http://www.hse.ie/pews)

#### **Part 4: Post-course Quiz (15mins)**

- Repeat the quiz
- The answers can be discussed as a group and any incomplete knowledge addressed at this point.

#### **Part 5: Conclusion, Q&A, evaluation (15mins)**

- Ensure that participants have completed and returned their evaluation forms
- Invite outstanding questions and summarise learning
- Provide certificates

### **Suggested Timetable 2: PEWS Update (up to 1 hr)**

#### **Part 1: Registration, Identification of learning outcomes (5mins)**

#### **Part 2: Paediatric Early Warning System (25-30mins)**

- Slide presentation on PEWS with embedded video
- Reiteration of local details including escalation guide and urgent PEWS pathway

#### **Part 3: Options (10-20mins)**

- Present a case study for the group to address / present local audit findings and key recommendations
- Facilitate a question & answer session

#### **Part 4: Conclusion, Q & A (5mins)**

- Invite outstanding questions and summarise learning
- Provide certificates/evaluations if required