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Sub-specialty training in Paediatric Emergency Medicine in the UK

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Named EuSEM Representative in EAP

Ten Commandments of Paediatric Emergency Medicine



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1. *Children are not small adults.*
2. *Ill and injured children regress.*
3. *The “patient” might be the one holding the child.*
4. *Kids are the real deal, their symptoms are real and not factitious.*
5. *Laboratory tests and X-rays seldom beat a good history and physical examination.*
6. *Many hands make light work (procedures).*
7. *Check and double-check drug doses. Then, check again.*
8. *Children feel pain just like you do — treat it.*
9. *Close the loop, i.e. follow-up.*
10. *Above all, you are the child’s advocate.*

Givens T. The Ten Commandments of Pediatric Emergency Medicine. *J Emerg Med.* 2004 Aug;27(2):193-4.



Objectives



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- ▶ **Origins of Paediatric Emergency Medicine (PEM) in the UK;**
- ▶ **Structure of PEM training routes;**
- ▶ **Training curriculum, including the assessment of trainees;**
- ▶ **Criteria for accreditation of training centres.**





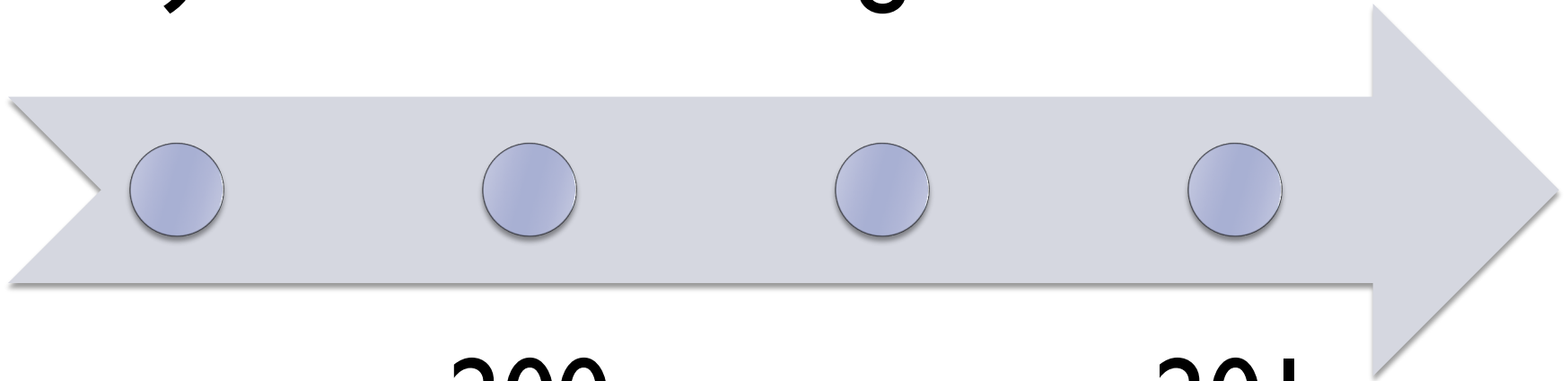
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199
9

200
8

200
1

201
3



Standards (1999)



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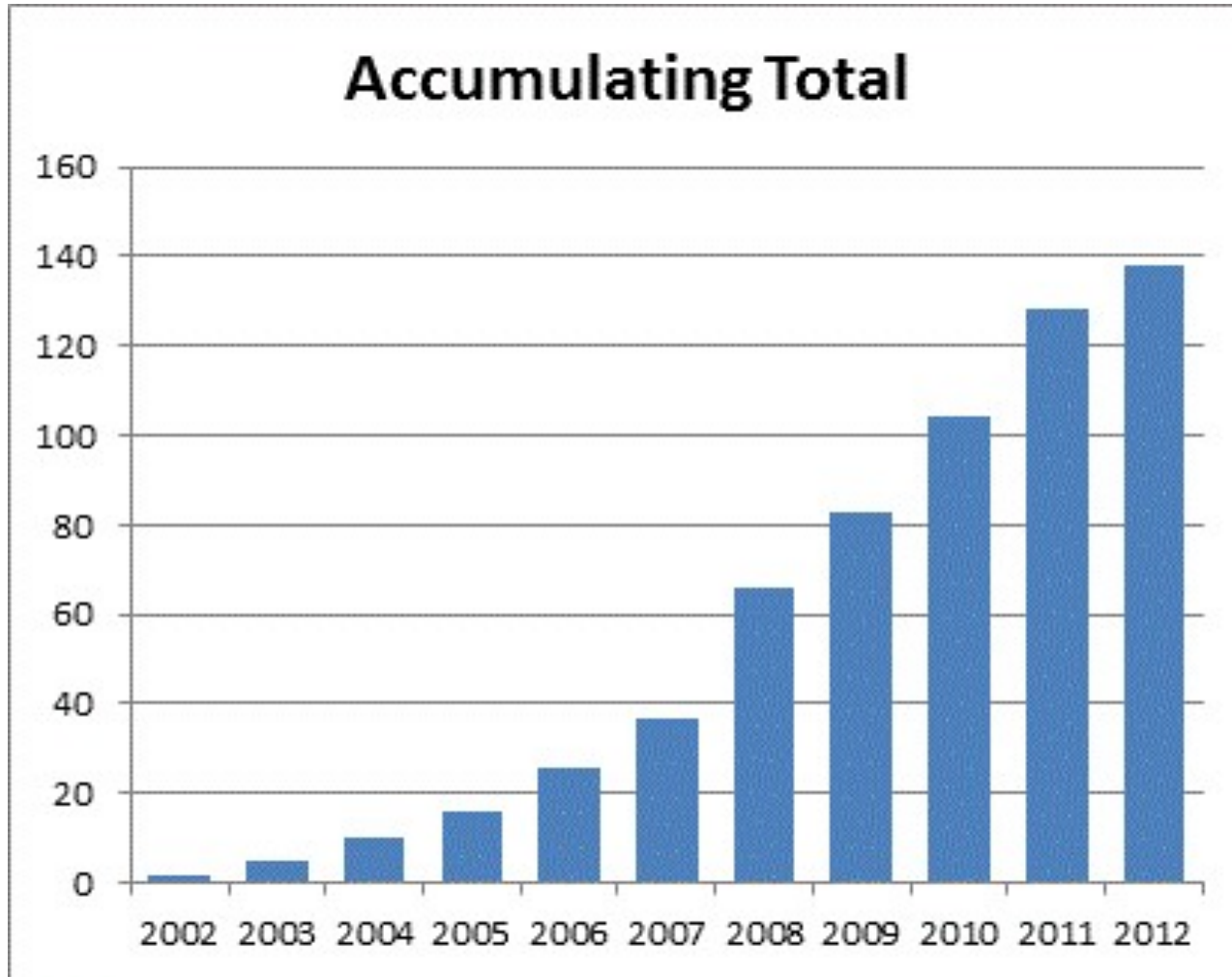
- ▶ Separate paediatric triage;
- ▶ Triage by trained paediatric nurse;
- ▶ Pain score used at triage;
- ▶ National triage scale used;
- ▶ All paediatric surgical cases can be managed on site;
- ▶ Provision for children in major incident plan;
- ▶ Adequate audiovisual separation;
- ▶ Play area or separate waiting area;
- ▶ Paediatric resuscitation area screened from adult patients;
- ▶ Nurses attended paediatric advanced life support course;
- ▶ PEM Consultant in departments >16000 children a year;
- ▶ Designated liaison paediatrician;
- ▶ Induction programme including child protection.



Sub-speciality training in PEM (2001)



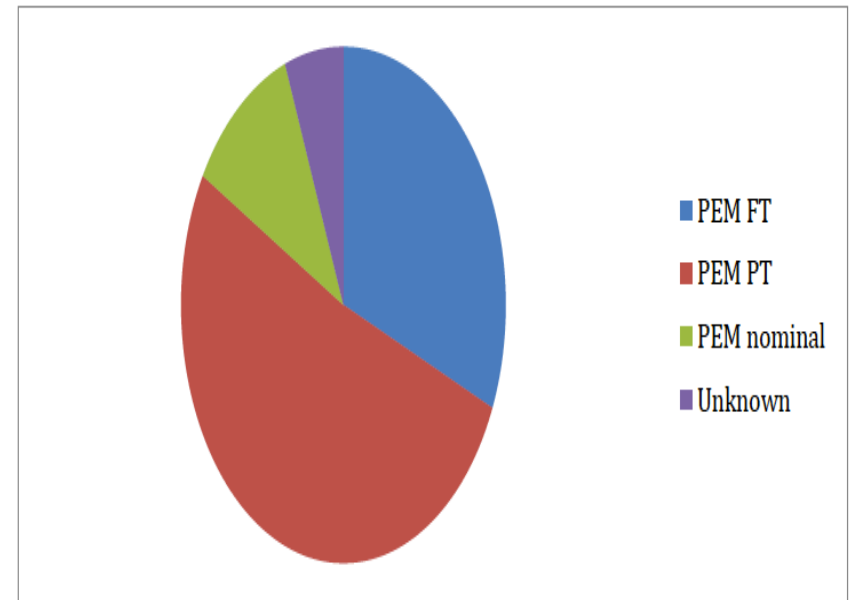
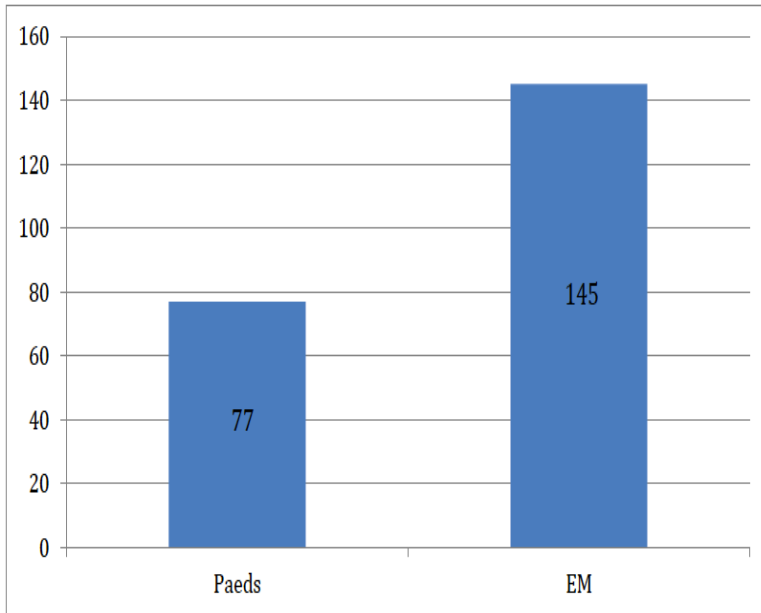
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Census (2013)



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No. of PEM practising Consultants by base speciality

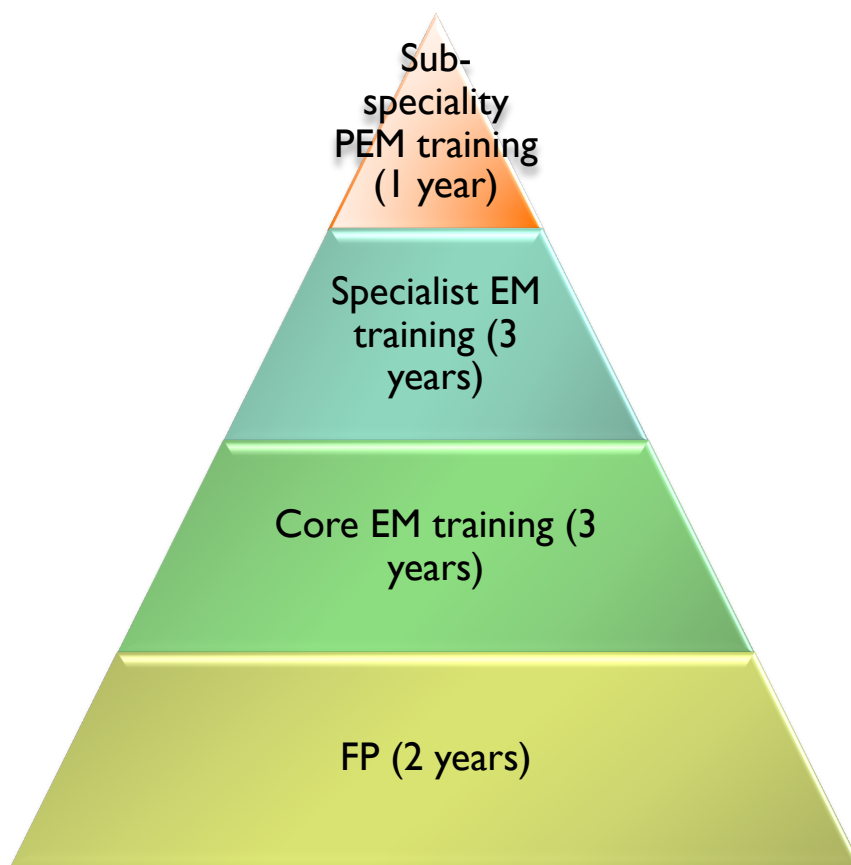




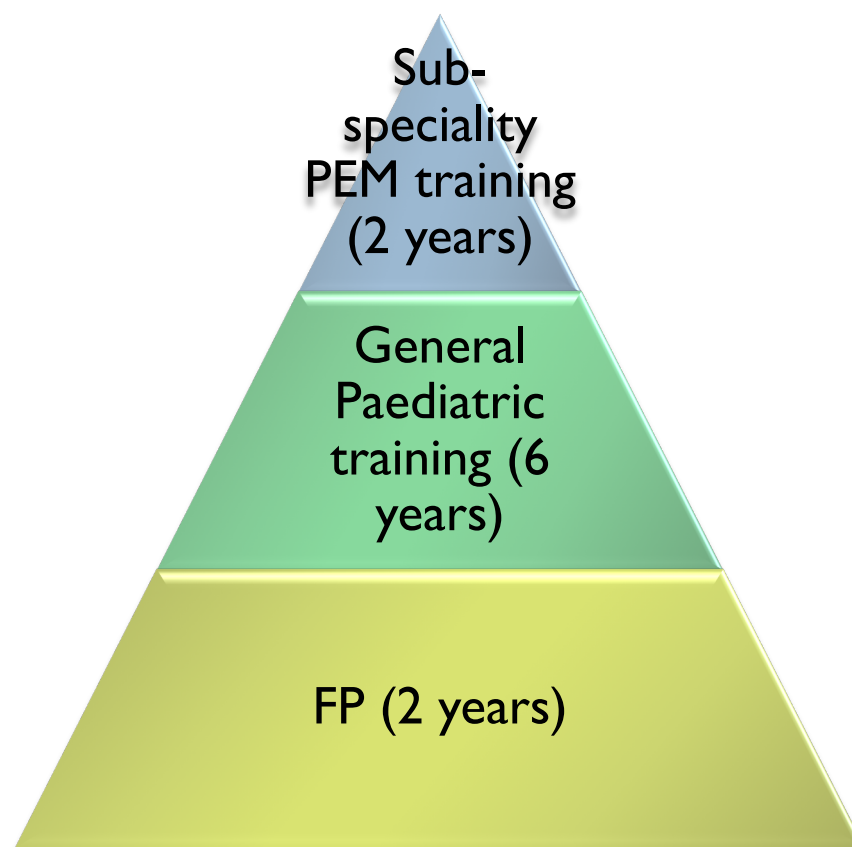
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PEM from an Emergency Medicine background



PEM from a Paediatrics background



PEM sub-specialty training



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Emergency Medicine background



Paediatrics background



The trainee

- ▶ 2 + 6 years of postgraduate training;
- ▶ Successfully attempted Membership examinations;
- ▶ Provider of advanced paediatric life support;
- ▶ Secured placement through national competitive application process.



The (accredited) department: *personnel*



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- ▶ Named supervisor is Consultant Paediatrician/Emergency Physician with PEM sub-speciality accreditation;
- ▶ Named supervisor has protected supervision time in their job plan;
- ▶ Minimum of 2 Consultant Paediatrician/Emergency Physician with PEM sub-speciality accreditation;
- ▶ More than one Year 4+ trainee.



The (accredited) department: *specialty-specific*



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- ▶ Separate paediatric and adult waiting rooms;
- ▶ Paediatric observation ward;
- ▶ Dedicated, fully equipped paediatric resuscitation area;
- ▶ On-site general Paediatrics and Paediatric ICU;
- ▶ On-site paediatric Orthopaedics and Paediatric Surgery;



The (accredited) department: *specialty-specific*



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- ▶ On-site or regional network facilities for:
 - ▶ Paediatric Cardiology;
 - ▶ Paediatric Radiology;
 - ▶ Paediatric Neurosurgery;
 - ▶ Paediatric Plastic Surgery;
 - ▶ Paediatric Psychiatry.



The training: clinical exposure



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- ▶ Department must treat >18000 new paediatric patients a year
at all levels of triage/assessment;
- ▶ Major and minor trauma;
- ▶ Airway insufficiency;
- ▶ Ingestions;
- ▶ Psycho-social disturbances.



The training: clinical exposure



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- ▶ 25 paediatric resuscitations;
- ▶ 25 advanced airway management cases;
- ▶ 25 level 1 or 2 paediatric traumas;
- ▶ Undertake the running of the department.



The training: recommended exposure



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- ▶ Access to clinics and ward rounds and long term care of patients;
- ▶ Exposure to transitional/retrieval care;
- ▶ Specific number and types of MDT meetings ;
- ▶ Relevant morbidity and mortality meetings;
- ▶ Participation in clinical governance;
- ▶ Teaching portfolio;
- ▶ Management portfolio.



Competencies



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- ▶ 25 generic competencies:
 - ▶ 8 mandatory;
 - ▶ 85 clinical competencies, 38 mandatory;
 - ▶ 71 therapeutic procedures, 5 mandatory;
- ▶ APLS / EPLS (current provider);
- ▶ ATLS / ETC (current provider);
- ▶ Safeguarding children Level 3.

