Tutorial guide for general dental practice London Dental Education and Training

January 2014

This document is intended to support our trainers during their tutorial sessions with their trainees.

This is not intended to be a PRESCRIPTIVE guide but one that should enable you to design suitable tutorials in conjunction with your trainee which cover the curriculum set out by the Committee of Postgraduate Dental Deans and Directors (COPDEND). The four domains of clinical, communication, professionalism and management and leadership are set out below and mirror those of the GDC.

Many trainers will have built up "tutorial libraries" over the years and we would not want them to give up using these resources, which will hopefully be complimented by the tutorial guide. We also hope that the guide will be particularly useful to those less experienced trainers, developing their portfolio of tutorials. Whatever you decide, we hope that the advantages of using the guide far outweigh any perceived disadvantages!

The guide sets out a range of tutorial topics, which should not be considered as being exhaustive or complete. It is hoped that feedback from trainers and trainees will allow us to add and update topics on an annual basis.

Each tutorial topic has a list of suggested discussion items. Again, these are not prescriptive or exhaustive and trainers are free to use these lists as they feel appropriate. We have also suggested some supporting material for the tutorials and some preparatory material to be read by the Dental Foundation Trainees prior to the tutorial. Once again, trainers can add to these lists as they see fit and these will change over time. Some of the topics will need to be revisited over the course of the year as the DFT gains experience and has the capacity to understand some of the more complex areas within topics. Equally, some topics may well take far more than one tutorial session to cover and trainers will adjust timings and content as they feel necessary.

There are blank sheets which can be used for other tutorial topics.

The tutorials have been divided into Term 1 and Term 2 tutorials. This is simply a guide and there is no expectation that on any given week a specific tutorial is being done across London.

The tutorial meeting has long been considered one of the cornerstones in the Trainer/Trainee relationship. Trainees will always benefit from some preparation before a tutorial and this guide should assist as a prompt in the process of identifying the next topic.

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Naturally whilst a tutorial will have been prepared by both trainer and trainee, more pressing concerns relating to patients care may need to be discussed during the tutorial or case based discussions may be done in those times. There is flexibility in the system to allow for this.

This guide can act as suitable prompt for the trainee when they are completing their epdp entries on the tutorial as well as for the trainer when they make their comments which is a contractual requirement.

We are grateful to the Wales Deanery for the original concept, content and design of this guide which was first published in 2006 and from which this version borrows heavily. Imitation is the sincerest form of professional flattery.

Both trainers and trainees can use the guide to make contemporaneous notes about the dates and progress of tutorials.

Finally, and to ensure that both trainers and trainees achieve the most from the tutorials, trainers should schedule tutorials at such a time when they can be certain that both DFT and trainer will be ready to start on time and are protected from any intrusion for the period of the tutorial. Tutorials should normally take place during working hours and not take place during a trainee's lunch break.

The ideal time for tutorials is at the beginning of a session to ensure that protected time is available for all.

Enjoy your year!

Elizabeth Jones

Dean of Postgraduate Dentistry
London Dental Education and Training (LDET)

Competency Framework

DOMAIN	MAJOR COMPETENCIES
Clinical	1.Patient examination and diagnosis
	2.Treatment planning and patient management
	3.Health promotion and disease
	4.Medical and dental emergencies
	5.Anaesthesia,sedation,pain and anxiety control
	6.Periodontal therapy and management of soft tissues
	7.Hard and soft tissue surgery
	8.Non-surgical management of the hard and soft tissues of the head and
	neck
	9.Management of the developing dentition
	10.Restoration of teeth
	11.Replacment of teeth
Communication	1.Patient and family
	2.Clinical team and peers
	3.Other professionals
Professionalism	1. Ethics
	2.Patients
	3.Self
	4.Clinical team and peers
Management and leadership	1.Personal and practice organisation
	2.Legislative
	3.Financial
	4.Leadership and management



Discussion headings	Pre tutorial action	Tutorial resources	Notes
Relationships with staff and patients	1.Review practice layout	Practice leaflet	
2. Hours of attendance and timekeeping	2. Order practice tunics	Practice guide	
3. Dress code			
4. Holiday arrangements and advance notice			
5. Tutorial arrangements			
6. VT study days / non study day			
7. Surgery routines /emergency drugs/systems			
8. Working with your nurse			
9. Computer systems			
10. The first few days			
11. Contract /LDET paperwork			
12. NHS Regulations			
Expected educational outcomes			

The DFT should understand:

- What is expected when they work within the practice
- How they are expected to work with and treat their co-workers
- Surgery / Practice routines

Discussion headings	Pre tutorial action	Tutorial resources	Notes
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1. What it is

2. What it is for

3. Why you need it

- 4. The sections
- 5. How to fill the sections in
- 6. Trainer monitoring of Portfolio
- 7 Associate Dean monitoring of Portfolio
- 8. Reflective learning
- 9. Assessments
- 10. Clinical experience log

Access portfolio Complete clinical checklist Complete Participants details

Complete educational agreement

e-portfolio

Expected educational outcomes

- Understand the advantages of reflective learning
- Understand the necessity to complete the entries and ensure they are signed by both the DFT and the trainer
- Be able to produce a completed Portfolio at the end of their training period

• Communicate and gain informed consent and approval for suggested treatment plans

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 Definition of treatment planning Gathering information Assessing information Development of options & recording Communicate with patients/cost Devising definitive treatment plan Informed consent Appointment planning Smoking cessation and preventive advice Oral cancer screening 	Identify patient or previous cases Gather information	Patient records Models, xrays and photos FGDP guideline book	
Expected educational outcomes			

A practitioner who can safely assimilate, digest then develop a suitable range of treatment planning options for each individual case.

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 NHS Regulations Dental Practitioner Formulary Supplying and storage of medicines Prescription writing Prescribing guidelines Private prescribing Working with your pharmacist 	Trainee to read BDA Advice sheet Complete specimen prescriptions	Antimicrobial prescribing FGDP	
Expected educational outcomes			

- Understand fully the regulatory and clinical implications of prescribing
- Understand current "Best practice" in prescribing

Discussion headings	Pre tutorial action	Tutorial resources	Notes
1. Definition	Review BNF	BNF	
2. Patients in pain (see separate tutorial guide)		Post op treatment info	
3. Practice policy		Patient literature	
4. NHS Regs-urgent treatment			
5. Diagnosis & aids			
6. Palliative/definitive treatment			
7. Treatment techniques/successes			
8. Aftercare/advice			
9. Review			
10. Prescription writing			
11. Scheduling emergency appointments			
Expected educational outcomes			

Understand the nature and assess the urgency of treatment for patients with dental emergencies

Discussion headings	Pre tutorial action	Tutorial resources	Notes
1. Medical history	Select previous cases and review	Record cards	
2. Dental history		Vitality tests	
3. Pain and presentation		Frac finder	
4. T.M.J other facial pain		Oral Medicine book	
5. Record keeping			
6. X rays			
7. Cracked cusp			
8. Effective Anaesthesia			
9. Practice policy for seeing patients in pain			
10. Appointment management			

Understand a structured diagnostic pathway

Expected educational outcomes

Be able to make an accurate diagnosis of dental and facial pain

Discussion headings Pre tutorial action **Tutorial resources** Notes 1. IRMER Previous xrays discussed Practice guidelines NRPB guidance book Radiation protection file 2. When to take 3. Which to take **IRMER** 4. How to take 5. Developing 6. Reporting/diagnosis 7. Storage 8. Audit 9. Local rules 10. Equipment maintenance

Be able to assess when x rays should be taken Be able to report and record their findings

Understand fully IRMER and the implications for practice

Expected educational outcomes

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 Diagnosis/symptoms/ treatment planning Rubber dam Access cavity and anatomy Techniques and rotary systems Time management Patient info/ choice/ consent Fees Obturation Dealing with failed endodontics Use of Radiographs 	Prepare access cavity in extracted teeth Review obturation techniques Review file types in practice	Rads of completed cases Failed cases	

- Be aware of the need for good pre-treatment assessment and appropriate radiographs
- Be aware of the NHS regulations in relation to endodontics and subsequent restoration
- Be aware of the clear need for safe practice and use of rubber dam

Expected educational outcomes

Be aware of the need for good pre-treatment assessment and appropriate radiographs Be aware of the NHS regulations in relation to endodontics and subsequent restoration

Be aware of the clear need for safe practice and use of rubber dam

Discussion headings	Pre tutorial action	Tutorial resources	Notes
1. Anterior teeth	Review lab fees	Examples of labwork	
2. Prefabricated cores3. Lab constructed cores	Review post prep system		
4. Resin posts			
5. Posterior teeth			
6. Pinned cores			
7. Lab Fees8. NHS regulations			
o. Wils regulations			
Expected educational outco	omes		

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 Lab Types / sizes Pick up/postal services 	Lab guides Medical devices directives	Lab fees	
3. Quality & services			

Expected educational outcomes

The DFT should:

4. Turn round times

8. Labs in other countries

6. Lab Fees7. Remakes

5. Communication with your Lab

- Understand how to communicate effectively with their lab
- Understand the costs likely to be associated with treatment
- Understand the criteria for monitoring quality

Discussion headings Pre tutorial action Tutorial resources Notes

- 1. High /Low risk dental disease
- 2. Patient management/NHS regs
- 3. Oral hygiene/prevention
- 4. Fluoride/fissure sealants
- 5. Developing dentition
- 6. Treatment planning
- 7. Trauma
- 8. Stainless steel crowns and Hall technique
- 9. Erosion/diet analysis
- 10. Deciduous pulp therapy
- 11. Endodontics of permanent teeth
- 12. Referral to Paediatric Departments
- 13. Orthodontic assessment and treatment

Expected educational outcomes

The DFT should:

Understand the preventative/treatment options available to their patients

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 Fractured teeth/roots Impacted 8's Apicectomy Pre-op info/consent Post-op instructions Radiographic req's Referrals – when Dealing with post-op problems Pharmacology 	Review experience at dental school Review example referral letters	Radiographs Surgical kit Elevators Forceps	

Expected educational outcomes

- Be aware of their limitations and be able to fully assess cases prior to treatment
- Be able to make appropriate referral to specialist practitioners and secondary care

Discussion headings	Pre tutorial action	Tutorial resources	Notes
Hand washing	BDA Advice sheet A12	Infection control audit	
2. Decontamination cycle	Practice policies	3 rd party publications	
3. DFT role & responsibility	HTM 01-05	. , .	
4. DCP role & responsibility			
5. Autoclaves, ultrasonics, washer disinfectors			
6. Handpiece processing			
7. Disinfection of items leaving practice			
8. Clinical waste			
9. Special waste			

Expected educational outcomes

10. Needle stick injury and responsibility

- Understand the importance and practicality of cross infection control
- Be aware of their role in the cycle of cross infection control
- Be aware of the most up to date guidance for practitioners

Discussion headings Pre tutorial action Tutorial resources Notes

1. History taking and recording

- 2. Examination and x rays
- 3. Assessment
- 4. Diagnosis
- 5. Non accidental injury-safeguarding
- 6. Treatment planning—options/consent/issues
- 7. Referral for further care
- 8. Orthodontic issues
- 9. Long term monitoring and patient management

Child protection policy Identify previous cases to discuss

Expected educational outcomes

- Be competent in the assessment, diagnosis and treatment of trauma in the child dentition.
- Understand the nature and signs of non accidental injury
- Be able to make appropriate referral to specialist care or other agencies

Discussion headings	Pre tutorial action	Tutorial resources	Notes
1. Screening/diagnosis	British Perio Society	Radiographs of cases	
2. BPE	"Young Practitioners guide"		
3. Medical history/predisposing factors			
4. Radiographs			
5. Treatment rationale/planning			
6. Referral to specialist			
7. Prescribing to hygienist			
8. Implementing treatment			
9. Non surgical management			
10. Other treatment – Perio chips etc.			
Expected educational outcomes			

- Be able to make accurate diagnosis and recording of periodontal disease
- Should be able to advise on treatment regimes and refer if required

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 Treatment planning & case selection Clinical techniques Discussing treatment proposals with patients Impression techniques Labs choice / benefits Costs Common problems Aesthetic expectations of patient Temp cover / materials and techniques Occlusion 	Review lab brochures	Clinical photos Study models	
Expected educational outcomes			

Understand the implications of cost versus profit in relation to the provision of laboratory constructed items

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 Materials available in practice Plastic versus metal trays Use and choice of retraction cord Post impression handling / disinfection Recognising poor impressions/ audit Common problems with impressions 	Review materials in practice Instruction sheets	Dental materials book	
7. Anatomical problems8. Gagging9. Working with your lab			
3. Working with your lab			
Expected educational outcomes			

DATE OF TUTORIAL:

Be able to recognise inaccurate impressions

Understand best practice in disinfection of impressions

Understand the materials available in practice and their indications for use

Discussion headings	Pre tutorial action	Tutorial resources	Notes
Full dentures in practice	Review lab brochures	Review unfitted dentures	
2. Partial dentures in practice	Review lab charges	Try-ins	
3. Additions & relines & repairs			
4. Impression techniques			
5. Bite registration			
6. Copy/conventional			
7. NHS/Privat profitability			
8. Common problems			
9. Patient expectations			
10. Chrome v acrylic			
11. Dealing with lab			
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Expected educational outcomes			

Recognise problems and complications commonly encountered during denture construction



Discussion headings	Pre tutorial action	Tutorial resources	Notes
Managing and Motivating staff	BDA advice sheets	Lab bills	
Patient records and filing systems		NHS schedules	
3. Admin systems and stock control		Computer reports	

Staff contracts

- 6. Practice expenses
- 7. Practice meetings
- 8. Practice planning / development
- 9. Equipment maintenance, maintenance contracts

4. Cash handling, bad debt, wages, PAYE, superannuation

5. Use of accountants, debt mgmt/personal expenditure

- 10. Time management/profitability
- 11. Appraisal of staff

Expected educational outcomes

- Understand how a general practice manages finance
- Understand the implication of poor financial management

Discussion headings	Pre tutorial action	Tutorial resources	Notes
1. Why use Audit?	Review existing audits	CQC Audits	
2. What can we Audit?			
3. How to use Audit in practice			
Defining standards of care			
5. Choosing the criteria to measure			
6. Working with practice staff			
7. Measuring outcomes			
8. Making changes			
9. Re-audit			

• Be able to understand the basics of clinical audit

Expected educational outcomes

- Understand the importance of Standards within audit
- Understand the use of criteria to measure performance
- Understand the need for clearly defined objectives for audits

Discussion headings	Pre tutorial action	Tutorial resources	Notes
1. Phobic Patients	Review of undergraduate notes	Case studies	
2. Relaxation Techniques	Conscious sedation guidance		
3. Medication/oral sedation	GDC Standards		
4. Relative Analgesia			
5. I.V. Sedation			

Expected educational outcomes

The DFT should:

6. Training Courses 7. Patient Selection 8. GDC Guidelines 9. Referral for General

Anaesthesia

- Understand the presentation of anxious patients
- Understand the treatment options available
- Understand the need for and routes of referral

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 Failed appointments definition Cancelled appointments Loss of clinical time Monitoring / Audit Prevention of FTAs Prevention of CAs Charges to patients Refusal to see again NHS Regulations 	Practice policy NHS England policy		

- Understand NHS Regulations in relation to failed and cancelled appointments
- Understand the benefits of controlling failed and late cancelled appointments

Expected educational outcomes

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 Confidentiality, Professional and legal obligations Consent to Disclosure and competency Valid consent and who can consent Adults without capacity Children and consent Disclosing records to third parties Patient records, ownership and access Writing dental reports / witness to fact reports Appearance in court Negligence in patient care 	BDA Advice sheets Defence organisation publications GDC Standards book GDC booklets	GDC cases	
Expected educational outcomes			

- Be aware of the importance of a thorough understanding of their legal and professional obligations
- Understand how to work with their defence/indemnity organisation

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 COSSH Radiation RIDDOR Clinical waste Mercury spillage Hep B testing and seroconversion Electrical checks Posture working position Stress management Documentation/certification 	Review BDA advice sheets Data Protection policy Pressure vessel documentation	BDA Advice sheet A3/A12 Third party guidance	
11. Role of CQC Expected educational outcomes	;		

- Be aware of their professional responsibility for the implementation of Health and Safety in practice
- Understand the range of items that are applicable and be able to access appropriate advice where necessary

Discussion headings	Pre tutorial action	Tutorial resources	Notes
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- 1. Local Procedures
- 2. Sequence of events
- 3. Different types/risk factors
- 4. Logging complaints
- 5. Dealing with
- 6. Resolution self/refer
- 7. When can't resolve locally-
- 8. Role of NHS England/Ombudsman
- 9. Importance of good records
- 10. Defence unions
- 11. GDC involvement

Review practice policy
Review previous complaints
NHS Choices
Review Defence organisation advice

Role play/scenario
Case studies

Expected educational outcomes

- Be able to recognise situations that might lead to a complaint
- Be aware of the practice complaints policy and procedures
- Be fully aware of the NHS patient complaints process

Discussion headings	Pre tutorial action	Tutorial resources	Notes
1. Hypnosis	Identify alternative therapies		
2. Acupuncture	Web search		
3. Homeopathy			
4. Relaxation techniques			
5. Clinical psychologist			
6. Alexander technique			
7. Cranial osteopathy			
8. Aromatherapy			
Expected educational outcome	2 S		

- Be able to discuss these alternative when asked for their opinion by patients
- Understand how to obtain further information when seeking help for their patients

Discussion headings	Pre tutorial action	Tutorial resources	Notes
Staff Wages / guidelines/bonuses	Staff contracts	BDA advice sheets	
2. Contract / BDA advice sheets	BDA advice sheets	Practice documentation	
3. Behaviour / expectations / dress code		Practice manual	
4. Staff appraisal			
5. Practice meetings			
6. Discipline/complaints/discrimination policy	•		
7. Staff training / monitoring			
8. Health & Safety / staff implementation			
9. Employment Law / working hours directive			
10. Quality assurance programmes			
11. Holiday entitlement / sick leave /			
maternity leave			
12. Tax / national insurance payments			

The VDP should:

- Understand the practice employment policy
- Have discussed Government employment law

Expected educational outcomes

Discussion headings Pre tutorial action Tutorial resources Notes 1. What is private dentistry 2. Mixing NHS/Private care Regs Private fee scales 3. Offering choice ethically GDS Regulations

9. Choices of materials10. Patient expectations

8. Private prescriptions

11. Communication/options

12. Advice sheets

4. Estimates/costs5. Value for money6. Hourly rate

13. Whitening/Facial aesthetics

7. Private lab work- the difference

Expected educational outcomes

- Clearly understand the regulations in relation to the mixing of Private and NHS care
- Clearly understand the fundamental importance or written estimates and written detailed treatment plans

Discussion headings Pre tutorial action	Tutorial resources Notes
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1. Identifying personal / life goals

2. Employment options

- 3. Being self employed
- 4. Financial needs / work life balance
- 5. CDS
- 6. Hospital/Post grad examinations
- 7. General practice
- 8. Private practice
- 9. Starting own practice
- 10. Travelling abroad/Charity
- 11. CPD requirements
- 12. Dental politics/teaching/law

Reviewing personal options

Check BDJ/NHS Jobs

Examples of trainers' pathway

Expected educational outcomes

The DFT should have:

- A clearer understanding of their options
- A clearer understanding of the life- long effects of incorrect choices
- A 'five year plan' PDP following on from DF training

Discussion headings	Pre tutorial action	Tutorial resources	Notes
 Personal Finance Self employed implications Accountants/Banks/Financial Adviser Health insurance Taxation Superannuation/pension Debt management Cash flow Overview of practice accounts Assoc. agreements 	VDP to construct income/expenditure models on current circumstances Review of bank rates/mortgages	Schedules Lab bills Associate agreements	

Expected educational outcomes

- Understand the importance of good personal financial management
- Understand the need for long term financial planning

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Discussion headings Pre tutorial action **Tutorial resources** Notes

Expected educational outcomes

Discussion headings Pre tutorial action **Tutorial resources** Notes

Expected educational outcomes

BDA Advice

BDA Advice publications are free to all BDA Members either by direct contact with the BDA or as downloads from the BDA website. The BDA compendium also contains (on CD Rom) all the information that you may require.

There are other sources of similar information from Denplan and CODE (Confederation of Dental Employers)

Associate model contract - England and Wales v3

Associate model contract - Private practice v5

Associate model contract - Ortho - England and Wales v1

Associate contracts for England and Wales - Jul 11

Associate-practice owner code of practice - Mar 13

Botox and non-surgical cosmetic procedures - May 12

Business continuity planning - July 12

Business entertaining and gifts - Aug 12

Business names and brands - Apr 13

Business planning and managing change - May 13

Buying and selling a practice - Oct 11

Careers in dentistry - Aug 13

Companies and LLPs - Feb 13

Complaints handling - May 12

Conscious sedation - Nov 11

Court claims in England and Wales - Aug 11

CPD-clinical governance-clinical audit and peer review - Feb 12

CQC standards guidance - Feb 13

Customer Service Excellence - Jul 11

Data protection

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DCP pay surveys - 2010

Death and serious illness - Jan 12

Dentist's parental leave and pay - Apr 10

Disability discrimination - dentists as service providers - Jul 13

Disciplinary procedures and dismissal - May 12

Early detection of oral cancer - Nov 10

Employees' maternity and parental rights - Jun 11

Employee pay and rewards - Aug 13

Employing staff - Sept 12

Employment model contract - v3

Employment contracts practice sales and TUPE - Oct 11

Energy rules in England and Wales - Apr 12

Ethical procurement and environmental sustainability - Nov 13

Equality and diversity in the workplace - Dec 13

Evidence and professional reports - Jul 12

Fee collection - Nov 13

Fees guides

Financial management - May 13

FOIA publication schemes - Feb 13

GDS in England and Wales - Jun 13

Grievance procedures - Nov 11

Health and safety - Dec 13

Healthcare waste - May 12

Hygienists and therapists - Feb 12

Infection control - England - Jul 13

Information Governance Toolkit (Level 1,2,3)

Investors in People - Sept 12

Jury Service and public duties - Jan 12

Leases and licences - Dec 12

Locums - Jan 13

Marketing - Nov 12

Medical devices - May 12

Money Laundering - Oct 11

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Music in the practice - May 12

NHS brand guidelines - England - Jun 12

NHS Choices Website Guide

Partnerships - Jul 13

Pensions in the GDS - Mar 13

Pensions in the Salaried services - Mar 13

Planning permission - Jul 13

Prescribing and medicines management - Oct 13

Protecting personal information - Dec 13

Private dental plans and in-practice capitation schemes - Jun 13

Radiation protection - May 12

Recruiting staff - May 13

Redundancy - Mar 13

Risk assessment - Mar 12

Safeguarding patients - Nov 11

Setting up in practice - Jun 08

Sickness absence - Aug 12

Tax - Apr 13

Title 'Dr' - June 13

Tooth whitening - Feb 13

Working in the UK - Sep 13

Fee Setting

Bullying harassment and violence at work

These references and resources have been suggested by various trainers as useful additional resources and references, some non- dental. They are in no particular order.

- 1. Seven Habits of highly effective people-Stephen Covey
- 2. Blink-Malcolm Gladwell
- 3. Dental Protection Annual Reviews
- 4. A clinical guide to oral diagnosis and treatment planning-K Yip and R Smales BDJ Books
- 5. Treatment planning in general dental practice-a problem based approach- Crawford Bains **Churchill Livingstone**
- 6. The Principles of Endodontics- Shanon Patel and Justin Barnes Oxford University Press 2nd Edn
- 7. Delivering Better Oral health- Department of Heath
- 8. Medical Emergencies and Resuscitation-Resuscitation Council UK