

Health Education England Midlands and East

Birmingham Community Healthcare
Foundation Trust
Dental Services

Birmingham Women's and Children's
Hospital NHS foundation trust

Paediatric Dentistry Pre CCST speciality
training post

February 2021

Aims of the Programme

This is an SAC recognised pre CCST speciality registrar training programme in Paediatric Dentistry. The training programme is designed to provide teaching, supervised clinical experience and independent learning. This will enable the development of a sound knowledge base and the clinical skills required for trainees to be able to deliver a high standard of care in Paediatric Dentistry.

The trainee should acquire the appropriate knowledge, skills, attitude and judgmental abilities to meet the oral health needs of infants, children and adolescents, including those with special needs.

The training should stimulate a sense of professional interest and enquiry, encouraging the specialist paediatric dentist to maintain, by continuing medical and dental education, competency throughout a career.

Over the training period the Specialist Registrar will be prepared for the Membership in Paediatric Dentistry of the Royal College of Surgeons and the award of a CCST in Paediatric Dentistry, leading to eligibility for entry of their name on the Specialist List held by the General Dental Council.

Learning Outcomes

After successful completion of training, the trainee should:

1. Be competent to undertake diagnosis, treatment planning and treatment pertaining to the specialist care of infants, children and adolescents including those with special needs.
2. Be competent in the design, implementation and completion of a preventive dental programme for every type of paediatric dental patient.
3. Have a broad understanding of behavioural sciences relating to young patients and be competent and experienced in behaviour management techniques including sedation, local and general anaesthesia.
4. Be competent and experienced in the provision of restorative, prosthetic and interceptive orthodontic care for infants, children and adolescents including those with special needs.
5. Be competent and experienced in the care of oro-facial trauma in infants, children and adolescents.
6. Have knowledge of craniofacial growth and development and to be skilled in the diagnosis of problems of occlusion (including the temporomandibular joint), facial growth and functional abnormalities.

7. Gain experience of appropriate scientific methodology and research techniques and have carried out a research project of their own, under supervision, and prepared articles suitable for publication in internationally recognised and refereed journals.
8. Develop teaching and communication skills.
9. Be conversant with clinical governance, including audit procedures and have kept personal patient records to facilitate this.
10. Have acquired the skills and knowledge to become both a competent clinician and an effective member of the profession, for their own advantage and for that of the specialty of Paediatric Dentistry.
11. Have developed managerial and organisation skills in order to direct the dental team.
12. Have developed relevant information technology skills.
13. Be prepared for the Membership in Paediatric Dentistry Examination.

Programme Structure

The training programme is usually for a period of three years. The Training programme is based within Birmingham Community Healthcare Foundation Trust covering the dental hospital and the community dental services. There will also be sessions at Birmingham Women's and Children's Hospital NHS Trust.

Each clinical session is under the supervision of a named trainer and emphasis is given throughout the programme to the need to be exposed to a wide range of patients, clinical techniques and philosophies.

CONSULTANT AND SENIOR LECTURER STAFF

Paediatric Dentistry

Miss C Brown	Consultant BCHC Dental services Birmingham Dental Hospital
Mr S Gandhi	Consultant BCHC Dental services Birmingham Dental Hospital
Mrs A James	Consultant BCHC Dental services, Birmingham Dental Hospital, Birmingham Children's Hospital
Mrs L Smart	Consultant BCHC Dental services Birmingham Dental Hospital
Dr S McDonald	Consultant BCHC Dental services Community Dental Services / Birmingham Dental Hospital
Mrs V Clark	Consultant Birmingham Children's Hospital
Mrs S McKaig	Consultant BCHC Dental services, Birmingham Dental Hospital, Birmingham Children's Hospital
Mr A Casaus	Consultant BCHC Dental services Community Dental Services/Birmingham Dental Hospital

Academic staff

Mrs A Tanday	Module lead, Clinical Lecturer in Paediatric Dentistry and post CCST trainee
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Clinical Staff

Post CCST Paediatric Dentistry x2

Pre-CCST trainees x5

Two DCTs in Paediatric Dentistry / Oral Maxillofacial Surgery Birmingham Children's Hospital

Three DCTs in Paediatric Dentistry Birmingham Dental Hospital

Speciality dentist

Paediatric Dental Services

1. The Dental Hospital

The Birmingham Dental Hospital is an undergraduate dental teaching hospital which shares a brand new purpose built accommodation with the School of Dentistry of the University of Birmingham which opened April 2016. It is sited in Edgbaston 3 miles from the city centre and Birmingham Children's Hospital. The Dental Hospital provides an out-patient and day case service with approximately 130,000 patient attendances per annum.

The department of Paediatric Dentistry cares for over 7,500 patients per year. These are mainly children who have been referred by General Dental and Medical Practitioners, the Personal Dental Service and by other Hospital Consultants. They have a wide range of problems, from dental trauma, caries and dental anomalies to difficulties with co-operation and other special needs.

All dental specialties are represented within the hospital building by consultant clinics and university teaching departments. Excellent liaison exists with clinical and laboratory departments associated with the main medical teaching hospitals elsewhere in Birmingham. A comprehensive range of investigative and report services is available either within or adjacent to the Dental Hospital. Office space and access to computer facilities is provided.

Birmingham Dental Hospital is part of the Dental Services Directorate within the Specialist Service Division of Birmingham Community Healthcare NHS Trust. Birmingham Community Healthcare NHS Trust is currently one of the largest healthcare providers in the country and incorporates significant provider elements both within Community and Specialist services (including Birmingham Dental Hospital). Following a period of autonomous operation it was awarded Foundation Trust Status as one of the first Community Foundation Trusts.

2. The Children's Hospital

The Birmingham Children's Hospital is situated in the city centre. It is a large multidisciplinary hospital it has approximately 300 beds and 10 operating theatres. It is a major trauma centre for the West Midlands and has a 20 bedded Intensive Care Unit. The paediatric dental and oral and maxillofacial department is situated in main outpatients it has 4 dental surgeries two with fixed inhalation sedation facilities

The paediatric dental specialist services provides dental care for children undergoing Bone Marrow Transplantation, Cardiology and Cardiac Surgery, Cochlear Implantation, Endocrinology, Gastroenterology, Haemophilia, Inherited Metabolic Diseases, Neonatal Surgery, Nephrology and Neurosurgery, Oncology, Ophthalmology, Oral and Maxillofacial Surgery and Plastic Surgery, the Regional Cleft Palate Unit, Respiratory Medicine and Rheumatology. The specialties receive tertiary referral from across the region and beyond. The hospital is also a Supra-Regional Centre for Craniofacial Surgery, Paediatric Liver Disease and Liver Transplantation and Epidermolysis Bullosa.

There is a weekly paediatric dental theatre list providing comprehensive dental care for patients. All anaesthetic services are provided by Consultant Paediatric Anaesthetists.

3. The Community Dental Service (CDS)

The CDS is part of BCHC NHS Foundation Trust and operates in 22 sites. Consultants work along side CDS dentists and dental therapists to provide specialist dentistry and to support the development of the wider workforce. The community clinics are located throughout Birmingham Sandwell, Dudley and Walsall. In addition, general anaesthetic services are provided at Manor Hospital Walsall and Sandwell General Hospital, West Bromwich.

The CDS and Dental Hospital have combined referrals to ensure children are seen in the most appropriate setting for their needs. The CDS also provides an on going care service for children who are medically compromised such that care cannot be accessed in the General Dental Service

4. The University of Birmingham School of Dentistry

The University of Birmingham has approximately 28,000 students from 150 countries the quality of the student experience offered at the University of Birmingham remains paramount importance. The University is one of the leading members of the Russell Group in terms of its graduate school and the quality of the student experience as shown by the

National Student Survey. As well as high quality teaching, students also enjoy an enriched experience through other activities.

The College of Medical and Dental Sciences

The university's structure is one of the college and schools and the College of Medical and Dental Sciences contains five schools that cover a whole range of preclinical and clinical disciplines.

Explanation of Clinics on Timetables:-

1. Birmingham Community Healthcare Foundation Trust: Dental Services

Birmingham Dental Hospital (BDH)

1.1 Consultant Paediatric Dental Clinics

A wide range of patients from all over the West Midlands and beyond are referred to this clinic. These patients include those with complex behavioural problems, dental anomalies, dento-alveolar trauma, advanced restorative problems and minor oral surgical procedures.

Examination, treatment planning is also undertaken on these clinics for a variety of patients with special needs. These include those with severe learning disabilities, Downs syndrome, cerebral palsy etc.

1.2 Multidisciplinary Clinics

The trainee will have exposure to the following clinics:

- i) Hypodontic
- ii) Mixed dentition
- iii) Advanced paediatric restorative.

These clinics involve consultants in Paediatric Dentistry, Orthodontics, Oral Surgery and Restorative Dentistry.

1.3 Trauma Clinics

This is a consultant led clinic. These clinics are for assessment and treatment of patients with complex dento-alveolar trauma.

1.4 Restorative Clinics/Orthodontic Clinics

There is an opportunity for the trainee to attend new patient assessment and treatment sessions on both the Restorative and Orthodontic departments.

1.6 Day Stay Theatre List: Paediatric Special Needs

Comprehensive care is provided under general anaesthesia for children with a variety of medical, behavioural problems and co morbidities.

1.7 Personal Treatment Sessions.

A full range of treatment is provided for children with specific problems. The use of sedative techniques such as inhalation sedation is available.

Dental services in community setting

- 1.8 New Patient consultant clinics
Consultant led new patient clinics, referral directly made to local community service providing care within community setting
- 1.9 Personal Treatment sessions
A full range of treatment is provided for children with specific problems. The use of sedative techniques such as inhalation sedation and iv sedation are available.

2. Birmingham Children's Hospital (BCH)

- 2.1 Consultant Paediatric Dental Clinics
A wide range of medically compromised patients are assessed in this clinic. These patients include tertiary referrals from oncology, hepatology, cardiology and transplant specialities. In addition, children with rare genetic conditions are seen. In addition there is access to both the paediatric oral medicine clinic, paediatric mandibular deformity clinics.
- 2.2 In Patient Theatre List
Comprehensive care is provided under general anaesthesia for children with a variety of medical conditions.
- 2.3 Craniofacial Clinics
This is a supra-regional specialty clinic with input from Oral Maxillofacial, Plastic Surgery and Paediatric Neurology Consultants. Patients with craniofacial abnormalities are seen for diagnosis and treatment planning.
- 2.4 Cleft Lip and Palate Clinics
The Children's Hospital is the Regional Cleft Lip and Palate Centre, with a Paediatric Dentist, Mrs Victoria Clark specifically assigned to the team. This was the first regional centre established and already has developed expertise in treatment and audit procedures.
- 2.5 Paediatric Clinics
Experience in general paediatrics as well as access to all the Paediatric Specialties is undertaken on a rotating basis.

An example of a suggested timetable

Period 1 (DatesYEAR 1.....)

		Monday	Tuesday	Wednesday	Thursday	Friday
A m	Activity	New patient clinic	Treatment Session	New patient clinic	Multidisciplinary clinics Hypodontia/mixed dentition/ Triple clinics	Trauma Clinic
	Trainer	AMJ	CB/SG	SMcK/AMJ	CB/SMcK/SG	LS
	Location	BDH	BDH	BDH		BDH
P m	Activity	Treatment session	Supporting activity/ Admin	Treatment Session	Supporting activity/ Admin/ Clinic support	Treatment session
	Trainer	AMJ		SMcK		SG
	Location	BDH		BDH		BDH

Period 2 (DatesYEAR 2.....)

		Monday	Tuesday	Wednesday	Thursday	Friday
Am	Activity	New patient clinic	Treatment Session D	Theatre session/ Treatment session	New patient clinic/oral medicine clinic	Trauma Clinic
	Trainer	SMcD	CB/SG	SMcK/AMJ	VC	CB
	Location	Attwood Green	BDH	BDH	BCH	BDH
Pm	Activity	Treatment session D	Supporting activity/ Admin	Theatre session	Treatment session	Supporting activity/ Admin/ Clinic support
	Trainer	SMcD		AMJ	SMcK/VC	
	Location	Attwood Green		BDH	BCH	

Period 3 (DatesYEAR 3.....)

		Monday	Tuesday	Wednesday	Thursday	Friday
A m	Activity	New patient clinic BCH	Treatment BCH	Treatment session BDH	Multidisciplinary clinics Hypodontia/ mixed dentition/ Triple clinics	Supporting activity
	Trainer	SMcK	CB/SG	SMcK	CB/SMcK/SG	CB
	Location	BCH	BDH	BDH	BDH	BDH
Pm	Activity	Supporting activity BCH	SPA	Treatment session	Theatre session BCH	Treatment session D
	Trainer	SMcK		SMcK	SMcK	Mr Gandhi
	Location	BCH	BDH	BDH	BDH	BDH

NB Timetable proposal is only draft

It is recognised that changes may occur during training dependent on a trainee's individual needs and for other operational reasons

Training Programme Director

Mrs Alison James. a.james1@nhs.net Please contact for any further information.

Appendix 1 - Facilities available to the Specialty Registrar

1. There will be a fully equipped surgery in each Department with laboratory accommodation, access to appropriate supporting facilities and staff, including chairside and secretarial assistance.
2. There is ready access to a Library with a comprehensive range of journals and text books. The Library has connection to the high speed campus network at the University and Internet facilities.
3. Computer facilities are available.
4. Car parking facilities will be subject to availability.

Appendix 2 - General considerations

The Specialty Registrar will be enrolled with the Specialist Advisory Committee in Paediatric Dentistry immediately following commencement of the post.

Study leave will be granted for courses, conferences and meetings provided that there is agreement from the Training Programme Director and the Clinical Tutor that it meets defined learning aims.

The Specialty Registrar will be accountable through the Training Programme director to the Clinical Director.

The Specialty Registrar will be responsible to the Consultants for the clinical care of their patients.

Appendix 3 - Main Conditions of Service

1. The post is Subject to the Terms and Conditions of Service for Hospital Medical and Dental Staff (England and Wales) as amended from time to time.
2. There is no commitment to Saturday clinical sessions at present but the Specialty Registrar would be expected to be flexible with regard to working hours.
3. The salary will be paid in accordance with the national payscale for Specialty Registrars.
4. There is no residential accommodation and no requirement to be resident.
5. An appropriate Honorary contract with the University of Birmingham will be sought, dependent on the appropriate qualifications of the trainee.
6. Full registration with the General Dental Council is mandatory. Possession of a Fellowship in Dental Surgery, Membership of the Faculty of Dental Surgery or equivalent is considered desirable.