

## Multidisciplinary Hypodontia Clinics

This section is intended to support dental healthcare professionals in helping individuals with Hypodontia.

The EDS has found that dental problems are a principal concern for many individuals with an Ectodermal Dysplasia. These are almost always associated with Hypodontia, and may sometimes require active treatment from a relatively early age so as to minimise their impact on social and educational development.

Where patients have challenging demands then dental practitioners may benefit from the support of a multidisciplinary Hypodontia Clinic. The list below indicates those currently known to the EDS, however new clinics may be added, or amendments to the current list made, by contacting Prof. John Hobkirk, the MAB member who is co-ordinating the list ([J.Hobkirk@eastman.ucl.ac.uk](mailto:J.Hobkirk@eastman.ucl.ac.uk)).

<b>Location: ABERDEEN</b>	
Name of clinic:	Combined Specialties Clinic
<b>Contact Details</b>	
Contact person for referrals:	Dr Dean Barker, Consultant in Restorative Dentistry
Postal Address:	University of Aberdeen Dental School & Hospital Cornhill Road Aberdeen AB25 2ZR
Email address:	<a href="mailto:sarah.raffan@nhs.net">sarah.raffan@nhs.net</a>
Telephone number:	01224 559382

<b>Location: BRISTOL</b>	
Name of clinic:	Orthodontic / Restorative Dentistry Mdt Clinic
<b>Contact Details</b>	
Contact person for referrals:	Mr Paul King Consultant In Restorative Dentistry
Postal Address:	Bristol Dental Hospital & School Lower Maudlin Street Bristol BS1 2LY
Email address:	Paul.King@Uhbristol.Nhs.Uk
Telephone number:	01173424002 (SECRETARY)
Web site address:	<a href="http://www.uhbristol.nhs.uk/your-hospitals/university-of-bristol-dental-hospital.html">www.uhbristol.nhs.uk/your-hospitals/university-of-bristol-dental-hospital.html</a>
Any special requirements, such as criteria for referral:	Referrals usually only via general dental or medical practitioner

<b>Location: CHICHESTER</b>	
Name of clinic:	Ortho-Restorative Clinic
<b>Contact Details</b>	
Contact person for referrals:	Mr P D Cheshire, Consultant In Restorative Dentistry
Postal Address:	St Richards Hospital Western Sussex Hospital Trust Spittalfield Lane Chichester West Sussex PO19 6SE
Email address:	David.cheshire@wsht.nhs.uk
Telephone number:	01234 788122 xt 3329
Web site address:	<a href="http://www.westernsussexhospitals.nhs.uk/mfu">www.westernsussexhospitals.nhs.uk/mfu</a>

<b>Location: LANCASTER</b>	
Name of clinic:	Interdisciplinary clinic.
<b>Contact Details</b>	
Contact person for referrals:	Victoria Hadden, Consultant In Restorative Dentistry
Postal Address:	Maxillofacial Department; University Hospitals of Morecambe Bay Foundation NHS Trust; Royal Lancaster Infirmary, Ashton Road, Lancaster LA1 4RP
Email address:	vicky.hadden@mbht.nhs.uk
Telephone number:	01524 583721
Any special requirements, such as criteria for referral:	Referral from GP or GDP

<b>Location: LEEDS</b>	
Name of clinic:	Restorative Dentistry New Patient Clinic
<b>Contact Details</b>	
Contact person for referrals:	Mr M Chan Consultant and Head of Department
Postal Address:	Department of Restorative Clinical Service Leeds Dental Institute Clarendon way Leeds LS2 9LU
Email address:	<a href="mailto:Martin.chan@leedsth.nhs.uk">Martin.chan@leedsth.nhs.uk</a>
Telephone number:	0113 343 6277
Any special requirements, such as criteria for referral:	Referral letter from general dental practitioner

<b>Location: LEICESTER</b>	
Name of clinic:	Restorative Dentistry
<b>Contact Details</b>	
Contact person for referrals:	Mr RF Deans, Consultant in Restorative Dentistry Mrs AO Mosaku, Consultant in Restorative Dentistry
Postal Address:	Dept of Orthodontics & Restorative Dentistry Glenfield Hospital University Hospitals of Leicester NHS Trust Groby Road Leicester LE3 9QP
Any special requirements, such as criteria for referral:	Referral letter from dentist or doctor required

<b>Location: LONDON (North)</b>	
Name of clinic:	Eastman Hypodontia Clinic
<b>Contact Details</b>	
Contact person for referrals:	Mr Steven Jones Consultant Orthodontist/ Honorary Senior Lecturer
Postal Address:	Department of Orthodontics, Eastman Dental Hospital, 256 Gray's Inn Road, London WC1X 8LD
Email address:	s.jones@eastman.ucl.ac.uk
Telephone number:	+44 (0)20 345 61065

<b>Location: LONDON (South)</b>	
Name of clinic:	Hypodontia clinic
<b>Contact Details</b>	
Contact person for referrals:	Meera Ahluwalia, Consultant in Paediatric Dentistry Helen Tippett, Consultant Orthodontist
Postal Address:	Paediatric Dental Department/ Orthodontic Department, Kings Dental Hospital, Denmark Hill, London, SE5 9RS
Email address:	<a href="mailto:meera.ahluwalia@nhs.net">meera.ahluwalia@nhs.net</a> <a href="mailto:helen.tippett@nhs.net">helen.tippett@nhs.net</a>
Telephone number:	0203 299 3375/3055
Web site address:	Kings College Hospital
Any special requirements, such as criteria for referral:	All referrals accepted

<b>Location: OXFORD</b>	
Name of clinic:	Hypodontia Clinic
<b>Contact Details</b>	
Contact person for referrals:	Mr Sandip Popat, Consultant In Restorative Dentistry or Mrs Catherine Campbell, Orthodontics Consultant
Postal Address:	John Radcliffe Hospital Headley Way Oxford OX3 9DU
Email address:	Sandip.popat@nhs.net
Telephone number:	01865 743102
Web site address:	<a href="http://www.oxfordradcliffe.nhs.uk">www.oxfordradcliffe.nhs.uk</a>

<b>Location: SOUTHEND</b>	
Name of clinic:	Southend Hospital Orthodontic Department Hypodontia Clinic
<b>Contact Details</b>	
Contact person for referrals:	Sharon Auger, Secretary
Postal Address:	Orthodontic Department, 1 <sup>st</sup> Floor Carlingford Centre, Southend University Hospital NHS Trust, Prittlewell Chase, Westcliff on Sea, Essex, SS0 0RY
Email address:	sharon.auger@southend.nhs.uk
Telephone number:	01702 385359
Web site address:	www.southend.nhs.uk
Any special requirements, such as criteria for referral:	Patients need to be referred by their general dentist, a specialist orthodontist or a medical specialist involved in their care. The department usually only accepts patients for orthodontic treatment if they have IOTN DHC of 4 or 5 and high treatment complexity.

<b>Location: STEVENAGE</b>	
Name of clinic:	New Patient Clinic
<b>Contact Details</b>	
Contact person for referrals:	Mr A J McCulloch, Consultant In Restorative Dentistry
Postal Address:	Department of Oral & Maxillo-Facial Surgery East & North Herts NHS Trust Coreys Mill Lane Stevenage Herts SG1 4AB
Email address:	andrew.mcculloch@nhs.net
Telephone number:	01438 781060
Any special requirements, such as criteria for referral:	None

## Literature

There is an increasing body of literature on the subject of hypodontia; a selection of clinically oriented material is included below:

### Textbook

Hobkirk J A, Gill DS, Jones SP, Hemmings KW, Bassi GS, O'Donnell AL, and Goodman JR . Hypodontia – A Team Approach to Management. Wiley-Blackwell, Chichester. 2011. ISBN 978-1-4051-8859-3

### Papers

#### Background

Brook AH. A unifying aetiological explanation for anomalies of human tooth number and size. Arch Oral Biol. 1984; 29: 373-378

Hobkirk JA, Goodman JR, Jones SP. Presenting complaints and findings in a group of patients attending a hypodontia clinic. Br Dent J. 1994; 177: 337-339

Kapadia H, Mues G, D'Souza R. Genes affecting tooth morphogenesis. Orthod Craniofac Res 2007; 10: 237-244

Polder BJ, Van't Hof MA, Van der Linden FPGM, Kuijpers-Jagtman AM. A meta-analysis of the prevalence of dental agenesis of permanent teeth. Community Dent Oral Epidemiol. 2004; 32: 217-226

Schalk-van der Weide Y, Beemer FA, Faber JAJ, Bosman F. Symptomatology of patients with oligodontia. J Oral Rehabil. 1994; 21: 247-261

Shafi I, Phillips JM, Dawson MP, Broad RD, Hosey MT. A study of patients attending a multidisciplinary hypodontia clinic over a five year period. Br Dent J. 2008; 205: 649-652

#### Management

Addy L, Bishop K, Knox J. Modern restorative management of patients with congenitally missing teeth: 2. Orthodontic and restorative considerations. Dent Update. 2006 Dec;33(10):592-5

Bergendal B, Bergendal T, Hallonsten AL, Koch G, Kurol J, Kvint S. A multidisciplinary approach to oral rehabilitation with osseointegrated implants in children and adolescents with multiple aplasia. Eur J Orthod. 1996; 18: 119-129

Bishop K, Addy L, Knox J. Modern restorative management of patients with congenitally missing teeth: 1. Introduction, terminology and epidemiology. Dent Update. 2006; 33: 531-537

- Bishop K, Addy L, Knox J. Modern restorative management of patients with congenitally missing teeth: 3. Conventional restorative options and considerations. *Dent Update*. 2007a; 34: 30-38
- Bishop K, Addy L, Knox J. Modern restorative management of patients with congenitally missing teeth: 4. The role of implants. *Dent Update*. 2007b; 34: 79-84
- Carter NE, Gillgrass TJ, Hobson RS, Jepson NJ, Meechan JG, Nohl FS, Nunn JH. The interdisciplinary management of hypodontia: orthodontics. *Br Dent J*. 2003; 194: 361-366
- Creugers N H J, Kayser AF, van't Hof M A. A seven and a half year survival study of resin-bonded bridges. *J Dent Res* 1992;71:1822-1825
- Djemal S, Setchell D, King P, Wickens J. Long-term survival characteristics of 832 resin-retained bridges and splints provided in a post-graduate teaching hospital between 1978 and 1993. *J Oral Rehab* 1999;26:302-320
- Goodman, J.R., Jones, S.P., Hobkirk, J.A., and King, P. Clinical Features and the Management of Mild to Moderate Hypodontia. *Dental Update*. 1994; 21:381 – 384
- Haselden K, Hobkirk J A, Goodman J R, Jones S P, and Hemmings K W. Root resorption in deciduous canine and molar teeth without permanent successors in patients with severe hypodontia. *Int J Paed Dent*. 2001; 11: 171-178
- Hobkirk JA, Brook AH. The management of patients with severe hypodontia. *J Oral Rehabil*. 1980; 7: 289-298
- Hobkirk JA, King PA, Goodman JR, Jones SP. Hypodontia: 2. The management of severe hypodontia. *Dent Update*. 1995 Jan-Feb;22(1):8-11
- Hobkirk JA, Nohl F, Bergendal B, Storhaug K, Richter MK. The management of ectodermal dysplasia and severe hypodontia. International conference statements. *J Oral Rehabil*. 2006; 33: 634-637
- Hobson RS, Carter NE, Gillgrass TJ, Jepson NJ, Meechan JG, Nohl F, Nunn JH. The interdisciplinary management of hypodontia: the relationship between an interdisciplinary team and the general dental practitioner. *Br Dent J*. 2003; 194: 479-482
- Laing ER, Cunningham SJ, Jones SP, Moles D, Gill DS. The psychosocial impact of hypodontia in children. *J Orthod*. 2008; 35: 225
- Meechan JG, Carter NE, Gillgrass TJ, Hobson RS, Jepson NJ, Nohl FS, Nunn JH. The interdisciplinary management of hypodontia: oral surgery. *Br Dent J*. 2003; 194: 423-427
- Nohl F, Cole B, Hobson R, Jepson N, Meechan J, Wright M. The management of hypodontia: present and future. *Dent Update*. 2008; 35: 79-88



Nunn JH, Carter NE, Gillgrass TJ, Hobson RS, Jepson NJ, Meechan JG, Nohl FS. The interdisciplinary management of hypodontia: background and role of paediatric dentistry. *Br Dent J.* 2003; 194: 245-251

Yap AK, Klineberg I. Dental implants in patients with ectodermal dysplasia and tooth agenesis: A critical review of the literature. *Int J Prosthodont.* 2009; 22: 268-276