

Tel: 0800 917 3330  
[www.nppneurogroup.com](http://www.nppneurogroup.com)  
Sandford House  
6-7 Lower High Street  
Stourbridge  
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## **Curriculum Vitae for DR MANJEET SINGH RAINA**

Consultant neuro-developmental Paediatrician- Neurodisability  
Birmingham Community Healthcare NHS Trust, UK

Honorary consultant Paediatrician in Paediatric neurology  
Birmingham Children's Hospital, UK

Consultant neuro-developmental Paediatrician- Neurodisability  
NPP Neuro Group

### **Personal Details**

Name: Manjeet Singh Raina  
Address: Sandford House, 6-7 Lower High Street, Stourbridge, DY8 1TE  
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### **Professional Qualifications**

Certificate of Completion of Training (CCT) RCPCH, UK, 2013  
(Paediatrics and neuro-developmental paediatrics)

MRCPCH, RCPCH, UK (2008)

MBBS, Govt Medical College, Jammu, India (2002)

### **Professional Memberships**

Royal College of Paediatrics and child health, UK.  
British academy of childhood neurodisability, UK.  
International League against Epilepsy, UK chapter.  
General Medical Council, UK.

### **Current Posts (September 2013 onwards)**

In my role as a consultant paediatrician at Birmingham community Healthcare NHS trust I am responsible for managing children with a wide range of paediatric neurological and neuro-developmental conditions such as epilepsy, cerebral palsy, Autism, ADHD, developmental delay, neuro-degenerative conditions, sleep disorders, mood and anxiety disorders.

I am the lead consultant for running one of the largest multi-disciplinary spasticity services in the West Midlands region for children with cerebral palsy and other neurological disorders which includes regularly performing intramuscular botulinum toxin injections under ultrasound guidance as well as initial screening for intrathecal baclofen pumps and selective dorsal rhizotomy.

My role as a Honorary consultant Paediatrician in Paediatric neurology at Birmingham children's hospital involves seeing children with complex epilepsy syndromes, movement disorders, Headache disorders, as well as other wide variety of complex childhood neurological conditions.

### **Paediatric Training and Experience**

I have completed General Medical Council, UK approved higher specialist training in Paediatrics and neonatology, including sub-specialist training in paediatric neurology, and neuro-developmental paediatrics covering period of 10 years from 2003 to 2013.

#### **Paediatric neurology/neurodevelopmental training/competencies**

My career intention is to work as a paediatrician with special expertise in the area of Paediatric neurology/neuro-developmental disorders and cerebral palsy.

I have developed skills in a wide range of areas in paediatric neurology/neuro-developmental paediatrics as follows:

My 3 years of sub-specialist Registrar training in neuro-developmental paediatrics involved working in the fields of acute paediatric neurology, neuro-developmental and neuro-rehabilitation which provided me with excellent clinical exposure to childhood neurological and neuro-developmental disorders.

I did regular neuro-developmental clinics at the child development centres. In these clinics I looked after children with Autism, ADHD, Epilepsy, sleep disorders and disordered development secondary to underlying neurometabolic or neurogenetic conditions.

I did once a week tertiary paediatric neurology clinics at Birmingham children's hospital which gave me in-depth experience in managing children with complex neurological conditions.

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Paediatric neurology in-patient experience provided me with training in the inpatient management of various acute neurological conditions including intractable epilepsy syndromes, pre-surgical evaluation for epilepsy surgery including video-telemetry, intra-cranial hypertension, traumatic brain injuries, CNS infections/auto-immune conditions, acute neuropathies.

I am currently undertaking British Paediatric Neurology Association's Distance learning neurology course. I have so far completed 5 modules including the Epilepsy module. This has given a sound knowledge base in the basics of paediatric neurological disorders and hence complementing my clinical experience.

The Paediatric Epilepsy Training (PET) courses gave me a good understanding of epilepsy in children. I attended sessions at the neurophysiology departments of Birmingham Children's and city hospitals to observe the practical aspects of obtaining an EEG and nerve conduction/EMG tests and interpreting EEGs.

### **Training History**

Date	Post/ Duties	Hospital/Trust
18/06/2001 to 17/06/2002	House Officer-Rotation Pediatrics,Obstetrics&Gynaecology Medicine,Surgery, Community medicine.	University Hospital, Jammu, India
01/07/2002 to 07/11/2002 4 months	Senior House Officer Medicine	University Hospital, Jammu, India
01/05/2003 to 03/02/2004 9 months	Senior House Officer Pediatrics/Neonatology	Kettering General Hospital, Northamptonshire
04/02/2004 to 01/02/2005 12 months	Senior House Officer Neonatal Intensive Care	Northwick Park Hospital, London.
02/02/2005 to 02/08/2005 6 months	Senior House Officer Pediatrics	Southmead Hospital, Bristol
03/08/2005 to 07/02/2006 6 months	SHO Pediatric cardiology/oncology	Bristol Royal Children's Hospital
08/02/2006 to 01/08/2006 6 months	Clinical Fellow Pediatric Cardiology	Bristol Royal Children's Hospital

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02/08/2006 to 06/02/2007 6 months	SHO Pediatrics and neonatology	Wexham Park Hospital, Slough, Berkshire
07/02/2007 to 31/07/2007 6 months	Senior SHO Neonatal Intensive care	Royal Gwent Hospital, Newport
01/08/2007 to 31/08/2008 13 months	Specialty Registrar-3 Pediatrics and neonates	Wrexham Maelor Hospital, Wrexham
01/09/2008 to 03/02/2009 5 months	Specialty Registrar-4 Pediatrics	Prince Charles Hospital/ Birmingham Children's Hospital
04/02/2009 to 01/09/2009 7 months	Specialty Registrar-4 Neuro-developmental Pediatrics	Birmingham Children's Hospital/ South Birmingham PCT
02/09/2009 to 02/03/2010 6 months	Specialty Registrar-5 Neonatal Intensive Care	University Hospital, Coventry, Warwickshire
03/03/2010 to 31/08/2010 6 months	Specialty Registrar-5 Paediatrics	University Hospital, Coventry, Warwickshire
01/09/2010 to 01/03/2011 6 months	Specialty Registrar-6 Neuro-developmental Pediatrics	Birmingham Children's hospital/ Birmingham community NHST trust
02/03/2011 to 06/09/2011 6 months	Specialty Registrar-6 Neurodisability pediatrics	Birmingham Heartlands Hospital
07/09/2011 to 06/03/2012 6 months	Specialty Registrar-7 Pediatric neurology	Birmingham Children's hospital
07/03/2012 to 04/09/2012 6 months	Specialty Registrar-7 Neuro-developmental Paediatrics/pediatric neurology	University Hospital of North Staffordshire
05/09/2012 to 05/03/2013 6 months	Specialty Registrar-8 Neuro-Rehabilitation Pediatrics	Birmingham Children's Hospital/ Birmingham community Healthcare NHS Trust
06/03/2013 to 03/09/2013 6 months	Specialty Registrar-8 Neuro-developmental pediatrics	Birmingham Children's Hospital/ Birmingham community Healthcare NHS

		Trust
Current post 04/09/2013 onwards	Consultant paediatrician and Honorary consultant in paediatric neurology.	Birmingham community Healthcare NHS Trust/Birmingham Children's Hospital

### Professional Courses

- West midlands cerebral palsy network study day:10.10.2017.
- Paediatric movement disorder course: 20.10.2016.
- Manchester Paediatric neuro-ophthalmology course, 18.04.2016
- Child brain injury trust course, UK. 10.03.2016
- Middlesbrough paediatric neuro-developmental symposium. 24.04.2015
- Paediatric EEG course, Manchester, 04.11.2015
- British Paediatric Neurology Association annual conference, Winchester: 29.01.14
- Selective Dorsal Rhizotomy for spasticity meeting, Shifnal. 01.04.2014
- Upper Limb Spasticity Group meeting, Oswestry. 11.11.2013
- Paediatric Neurology Forum meeting, Birmingham. 28.10.2013
- British Paediatric Neurology Association Training weekend, Birmingham: 18/10/13
- Spasticity management symposium, Stockton-On-tees. 06/11/2013.
- Advanced ultrasound guided botulinum toxin course for spasticity: 27.09/2013

- EMG guided botulium toxin injection training for spasticity:21.06.2013
- British paediatric neurology association conference, Manchester:23.01.13
- RCPCH annual conference, Glasgow: 24.05.12.
- SPR management/stepping up to leadership role, Warwick: 03.05.12.
- Advanced Paediatric Life Support course: Attended and passed, Manchester: 06.11.12.
- Newborn Life Support course: Attended and passed, Bristol: 07.08.12.
- Paediatric neurology masterclass, Bristol: 15/09/2011.
- Paediatric Epilepsy Training-part 2: 18/03/2010.
- Paediatric Epilepsy Training-part 1: 21.11.2008.
- ILAE 12<sup>th</sup> epilepsy teaching weekend, Oxford: 21.09.09
- ADHD study day, Warwick: 25.11.10.
- Echocardiography in children, London: 05.07.06.

### **Abstract Publications**

- MS Raina, SG Philip. Neonatal Guillain-Barre syndrome. Developmental Medicine and Child Neurology, January 2013, vol./is. 55/(62-63), 0012-1622 (January 2013)
- MS Raina, RP Singh. Status dystonicus in Cerebral palsy children. Developmental Medicine and Child Neurology, January 2013, vol./is. 55/(31), 0012-1622 (January 2013)
- MS Raina, E Wassmer. Tacrolimus induced Posterior reversible encephalopathy syndrome. Arch Dis Child2012;97:A134-A135 doi:10.1136/archdischild-2012-301885.321

### **National/Regional Presentations**

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- British paediatric Neurology annual conference, January 2014, Poster presentation  
MS Raina, S Agrawal. Triplication of PMP22 gene region associated with Charcot-Marie-Tooth-1A.
- British paediatric Neurology annual conference, January 2014, Oral with poster presentation  
MS Raina, S Agrawal, SG Philip. Bilateral Middle cerebral artery territory infarction associated with sildenafil use in a child.
- Regional Paediatric neurology forum, April 2012, Oral presentation. MS Raina, S Agrawal. Anti-NMDA receptor encephalitis and opsoclonus myoclonus syndrome.
- National Multiple sclerosis Frontiers annual conference, June 2011, Poster presentation. MS Raina, E Wassmer. Disease modifying drugs in Paediatric Multiple sclerosis-Patient preference.
- Midlands Regional Paediatric society meeting, June 2010, Poster presentation. MS Raina, S Ellis, K Blake. Neonatal Lupus Erythematosus.