

**CURRICULUM VITAE****Name** Prof. Dr. P. A. Mohammodu Kunju**Present Designation** **Dean**  
**Faculty of Medicine**  
**University of Kerala**Former **Professor and Head**  
**Department of Pediatric Neurology (Retired)**  
Govt. Medical College-  
TRIVANDRUM. 695011, Kerala, India**Mailing Address. Residence** TC 2/471 - #1Mythri garden  
PT Chacko Nagar  
Medical College P.O  
Trivandrum 695011, Kerala State, India**Phone****Residence** **011-91-471-2446333**  
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011-91-471-2444270**Mobile** **94472 46333****Email;** [drpamkunju@gmail.com](mailto:drpamkunju@gmail.com)**Bio data;****Recipient of Kerala State Best doctor Award 2016 (Medical education department)****MEDICAL EDUCATION:****M.B; B. S;** (Bachelor of Medicine and surgery)  
Allepey Medical College, University of Kerala, India-1975 Nov –1981 JulySenior House surgeoncy in Internal Medicine; 1981 -82  
Allepey Medical College, University of Kerala, India

Postgraduate Education (residency) in Pediatrics: 1982-86

**Diploma in Child Health (DCH):** September 1985**Doctor of Medicine (M.D);** Post graduation in Pediatrics -September 1986

Post Doctoral degree in Neurology;

**D. M. (Neurology); 1990 April**All done in Medical College Trivandrum .**University of Kerala, India****Accredited PhD guide - University of Kerala from 2013 (No. Ac.E1. A1 /022625 /2013)****Dean Faculty of Medicine, University of Kerala (14/06/2016)**

## Special Training

### World Health organization (WHO) fellowship - 1996

(Training including Pediatric Neurology,  
Epilepsy intensive monitoring, Electrophysiology)  
UPMC (University of Pittsburgh Medical Center)

- **Pittsburgh, Pennsylvania USA**

**ECFMG / USMLE( USA) Part 1 pass**

## ADDITIONAL EDUCATION / EXPERIENCE in PAEDIATRICS & NEUROLOGY

1. Training in Neuropathology & Neurosurgery : National Institute of Mental Health & Neurosciences. Bangalore, India:  
January – February 1989
2. Vojta Physiotherapy in association with Aktion Sonnenschein, Munich, Germany  
at Jeevan Prakash Child Center, Trivandrum, India : January 1994.
3. Research Methodology & Epidemiology: Clinical Epidemiology Unit,  
Trivandrum Medical College& INCLIN. June 1992
4. Took part in training / teaching courses in Neonatal Advanced Life Support  
(May 1991), Health Professionals Education (March 1993),  
E.E.G; E.M.G & E.P (from 1987)
5. **Teacher's training** - Health Professionals Education (March 1993)
6. KUHS faculty orientation program - 2016

### TEACHING EXPERIENCE:

#### **Trivandrum Medical College, Kerala University, Kerala, India.**

#### **Under graduate Teaching and Postgraduate teaching**

Tutor In Pediatrics, Trivandrum Medical College, India: Nov 1985 – Nov 1993

Assistant Professor in Pediatric Neuro: Nov 1993 -Dec 2000 (In The dept of Pediatrics)

Associate Professor In Pediatric Neurology: Since Dec 2000 ((In The dept of Pediatrics))

Professor of Pediatric Neurology: Since Feb 2004 & Presently

Position	Name of Institution	From	To	Total Experience in Years	Order No.
Tutor/Demonstrator Registrar/Sr.Resident	MCT	21-11-1985	25-11-1993	8	E3/28438/85/MCT dated 22/11/85
Assistant Professor	“	26-11-1993	29-12-2000	7	Go.No.3120/93/M&FWD. dated 26/11/93
Associate Professor	“	30-12-2000	6-2-2004	3	Go.No.4286/2000/H&FWDDated 30/12/2000
<b>Professor</b>	“	<b>6-2-2004</b>	<b>30-04-2020</b>	<b>16+</b>	<b>339/04/H&amp;FWD dated 5/2/2004</b>

## **PhD Guide – University of Kerala- from 27-07-2013 (order No.Ac.E1.A1/022625/2013)**

### **Current students under PhD Guidance**

1. Care giver issues in Pediatric Epilepsy – **Aswathy K L**, Asst professor, Nursing College, Trivandrm ( Pre-submission presentation done)
2. Evaluation of bone metabolism in the presence and absence of disease states from serum markers and regulators of osteoblastic and osteoclastic activity **Renjith G** SUT Medical college ,Trivandrum
3. Reproductive Morbidity in adolescent Girls in the primary care setting - **Dr Manjula M** , Govt Medical college ,Trivandrum
4. Validity of Clinical criteria alone in Diagnosis of PCOs and prevalence of Metabolic and cardiovascular risk factors in PCOs – **Dr Sheela Balakrishnan** Govt Medical college ,Trivandrum

## **Administrative experience**

### **Head of department – from Feb 2004 – 15 years**

Complete development from a Unit to Department

### **Dean Faculty of Medicine, University of Kerala (14/06/2016) – 3 yrs**

Record number of PhDs given 33 given during 3 years and all were attended by The Dean

### **DUTIES:**

#### **Teaching**

*Teaching of Undergraduate and Post graduate (Pediatrics, Physical medicine & Neurology) and Post-doctoral (D.M) & Mch Neurosurgery medical students.*

*Nursing students – Both BSc Nursing & Msc Nursing*

*Diploma in Neurotechnology students*

*Regular faculty in Child development centre*

*Invited faculty for Post graduate training program in pediatrics – and Neurology*

*Regular faculty Post graduate training program in Neurology by Kerala association of Neurologists (KAN)*

Consultant in Paediatric and Adult Neurology

Interpretation of EEG, EMG, Evoked Potential, CT Scan, MRI, Myelogram and Angiogram

Research guidance to post graduate students and independent research work.

## **Office bearer of association/ Special Position:**

**President 2018 – Indian Academy of Pediatrics Kerala**

**President 2018-19 Kerala association of Neurologists**

**National Executive Board Member IAP 2019**

President – Trivandrum Neurosciences society (2014- 2017)

Executive committee Member Neurological Society of India –Kerala

President IAP Kerala Pediatric Neurology chapter 2007-11

President IAP Trivandrum district branch 2011, 2015

President - National Neurology chapter IAP – 2013 & 2014

**Founder Editor; Indian Journal Pediatric Neurology**

(Official publication of IAP Neurology chapter)

Guest editor- Journal of Teens – CDC Unicef

Member; reviewer Journal of Pediatric Neurology

Indian pediatrics

Annals of Indian academy of neurology

Indian Journal of Pediatrics

**National Editorial Board Member** - RED FLOWER PUBLICATION PRIVATE LIMITED- -

The Pediatric Education and Research (PER)

## **Achievements and awards**

### **Kerala State Best doctor Award 2016**

#### **Indian academy of Pediatrics awards**

Kerala IAP

Best Branch President Award Indian academy of Pediatrics - 2011

Best district Branch award- 2011

Best Breastfeeding week observation 2011

Best adolescent week award – 2012

Appreciation award for organizing State conference 2015

National IAP Award –

Best district Branch award- 2012

Best district branch appreciation award - 2015

**Best state Branch Award from National IAP – 2019**

Breast feeding week celebration 2<sup>nd</sup> – 2019

Adolescent week 2<sup>nd</sup> - 2019

Antimicrobial awareness – 2019

### **Special award for achievement –**

1. Award for achievement [Muslim welfare Organization of Kerala 2-7-2002
2. Jeevan Raksha award - Anti Narcotic action Centre of India ( ANACI ) 2010
3. Achiever award in Pediatric Neurology - IXth Neuropedicon 28<sup>th</sup>- 29th Nov 2009
4. AdoorBhasi cultural forum – Karma Ratna puraskaram – 2018
5. Achiever award in Pediatric Neurology - IXth Neuropedicon 28<sup>th</sup>- 29th Nov 2009
5. Life time achievement award – IAP pediatric Neurology chapter – September 2018  
presented by **Dr Harshavardan Union Minister**
6. Kollam Jilla Panchayat Special award

#### **Oration Awards**

1. Professor M . Natarajan oration - Madurai; Botulinum toxin in spasticity 26-2 – 2003
2. Manoj Rathi Oration – Imaging in Pediatric neurology - Nagpur 2015
3. Dr Abdul Gafoor oration – Acute Encephalitis - MES Medical college , Printhalmanna –March 2019

### **Role in development of institution/department**

#### **1. First ever Pediatric Neurology dept in whole of India**

Organized the complete infrastructure – Staff, Electrophysiology,

Got recognition as the first ever Pediatric Neurology dept in whole of India

Only department with Physiotherapists and Speech therapists

**On 10-3-05 Paediatric Neurology was declared as a separate department – First independent superspeciality dept in Pediatrics**

**2. Established the Neuro chemistry lab under pediatric Neurology and later converted as the sathhes lab in SAT Hospital-**

**3. Instrumental in establishing Optional vaccination program through SATHHES in addition to the routine Immunizations in SAT**

**4. Series of health education program in SAT hospital since 1987-89**

5. Started Comprehensive CEREBRAL PALSY program with the help of NRHM 2013

6. Running a **postdoctoral fellowship training** for 4 MD pediatrics students per year in pediatric neurology- with the help of NRHM and awarded 12 fellowship by IAP

7. Started diploma in Neuro-technology course in the Dept with intake of 4 students per year

**8. Started Palliative care clinic for children in a Govt Hospital with support of Pallium India – 2011 December**

**9. Started DM Pediatric Neurology** under MCI- Instrumental in declaring Pediatric neurology as a subject under MCI

Got LOP for starting 3 seats of DM in Govt Medical college

**SAT Endowment projects –**

Serum Ca and Vitamin D profile in children with epilepsy

Metabolic Profile in children with mental retardation

Study of clinical profile of Children with Infantile spasm

**PAPERS PRESENTED, PUBLISHED/SUBMITTED:**

**Major publications**

6	Factors related to long term motor, behavioral and scholastic outcome in children with acute disseminated encephalomyelitis	2018	Mary Iype, Anish TS, PA Mohammed Kunju, Geetha Saradakutty, Mini S, Shahanaz Ahamed. <b>j.pediatrneurol</b>	<a href="https://doi.org/10.1016/j.pediatrneurol">https://doi.org/10.1016/j.pediatrneurol</a>
7	Severity of Hip Displacement in Relation to Subtypes and Motor Function in Cerebral Palsy - Role of Hip Surveillance	2018	Kunju PAM, Gisi Shibu, Amruthalal <b>Ortho &amp; Rheum Open Access J</b>	<a href="https://juniperpublishers.com/oroaj/pdf/OROAJ.MS.ID.555848.pdf">https://juniperpublishers.com/oroaj/pdf/OROAJ.MS.ID.555848.pdf</a> . DOI: 10.19080/OROAJ.2018.12.555848
8	Vitamin D Deficiency in Ambulant Children on Carbamazepine or Sodium Valproate Monotherapy	2018	Sreedharan m , devadathan k , <b>kunju p a m</b> , sasidharan b, pillai j k, amma mav and muthubeevi sb <b>Indian pediatrics</b>	<a href="https://www.indianpediatrics.net/apr2018/307.pdf">https://www.indianpediatrics.net/apr2018/307.pdf</a>
9	Factors associated with behavioural problems among children receiving anti-epileptic drugs	2018	<b>Aswathy, K.L., Kunju, P M., &amp; Mini, S</b> Manipal Journal of Nursing and Health Sciences   January 2018   Volume 4   Issue 1 23	<a href="http://ejournal.manipal.edu/mjnhs/docs/Volume%20Issue%201/Fulltext/3%20Aswathy.pdf">http://ejournal.manipal.edu/mjnhs/docs/Volume%20Issue%201/Fulltext/3%20Aswathy.pdf</a>
10	A study on comparative efficacy and adverse effects of methylphenidate versus atomoxetine	2017	M. Kunju M. Sreedharan M. Iype, Kalpana Devadathan <b>Journal of the Neurological Sciences</b>	DOI: <a href="https://doi.org/10.1016/j.jns.2017.08.2624">https://doi.org/10.1016/j.jns.2017.08.2624</a>
11	Bickerstaff's brainstem encephalitis in children –	2017	M. Kunju R. Ismail M. Iype, B. Anagha	DOI: <a href="https://doi.org/10.1016/j.jns.2017.08.2601">10.1016/j.jns.2017.08.2601</a>

	A case series from a tertiary care centre		<b>Journal of the Neurological Sciences</b> 381:925 · October 2017	
12	Anti nmdar encephalitis syndrome in children: seasonal trends observed from a case series. Journal of the Neurological Sciences	2017	M Kunju Mini Sreedharan Mary Iype G Shibu 381(SUPPLEMENT) :54-180Sep 2017 • <b>Journal of Neurological Sciences</b>	DOI: <a href="https://doi.org/10.1016/j.jns.2017.08.462">10.1016/j.jns.2017.08.462</a>
13	Efficacy and tolerability of methyl phenidate and atomoxetine in children with attention deficit hyperactivity disorder –An open label randomized control trial from a tertiary care centre	2017	Mini Sreedharan1,*, PA Mohammed Kunju2 , Kalpana Devadathan3 , Anagha Bhagwat4 , Kavasseri Neelakantan Janaki <b>Indian Journal of Neurosciences,</b> <b>April- June,2017;3(2):44-49</b>	<a href="https://www.innovativepublication.com/journal-article-file/4320">https://www.innovativepublication.com/journal-article-file/4320</a>
14	Amantadine for the treatment of refractory absence seizures in children	2018	Mini S Kalpana D Habib Pathan K.P.A. Mohammed Journal of Pediatric Neurosciences 13(2):131-136 · April 2018	DOI: <a href="https://doi.org/10.4103/JPN.JPN-51-17">10.4103/JPN.JPN-51-17</a>
15	<b>Risk factors of childhood epilepsy in Kerala.;</b> DOI:	2011	<b>Attumalil, T.V., Sundaram, A., Varghese, V.O., Vijayakumar, K., Kunju, P.A.M Ann Indian Acad Neurol.</b> 2011;14:283–286	<a href="http://dx.doi.org/10.4103/0972-2327.91950">http://dx.doi.org/10.4103/0972-2327.91950</a>

## Other Papers Published

Title of paper	journal	Pages
1. Adolescent sleep -Need, Difficulties, and Patterns	TEENS Vol.1No.6&7 July-Dec.2001	78-81
2. Floppy infant	Update on pediatric nutrition & rehabilitation medicine 19 <sup>th</sup> May 2002. Editors: Dr.K.E.Elizabeth Dr.Roy George Jacob	68-73
3. Chapter on Neurology	Manual of Pediatric Practice 2001. Editor:A.Santosh Kumar Published by : Divyesh A.Kothari PARAS Publishing, Hyderabad.	340-382

4. The risk factors and outcome of children with intractable status epilepticus	Brain & Development Vol.24 No.6 September 2002 Guest Editor Xi-Ru Wu, China.	533
5. Role of botulinum toxin in cerebral palsy	-do-	634
6. The Child with Motor Delay	International Child Neurology Education Conference November 17-19, 2000 New Delhi – 110 003. Editor : Professor Veena Kalra. New Delhi.	126-138
7. Chapter on Neurology	Handbook of Pediatrics 2000-2001. 1 yr Edited By: A.Santhosh kumar Published by Rajender K. Arya AIPD, Chennai.	117-140
8. Treatment of cerebral palsy with Botulinum Toxin A	Common Pediatric Neurological Problems, 1-10-2000 Edited By : Dr.P.Nagabhushana Rao Published by : Dr.P.Nagabhushana Rao Hyderabad.	95-101
9. Neuronal migration disorders	Indian Journal of Practical Pediatrics Vol.4 No.2 April & June 2002.	92-98
10. Extrapyrarnidal Disorders	Recent Advances In Pediatrics 1994. Edited by Suraj Gupte Published by Jitendar P.Vij Jaypee Brothers Medical Publishers(P ) Ltd. New Delhi.	140-166
11. Floppy Infant	<b>2<sup>nd</sup> Saarc Group Meeting On Reduction Of Childhood Neuromorbidity</b> 7-11 August, 2002. Editor : Professor Veena Kalra. New Delhi.	116-121
12. Role of Botulinum Toxin in Cerebral Palsy	- do -	249
13. The Risk Factors and Outcome of Children with Intractable Status Epilepticus.	- do -	250-251
14. Spectrum Of Childhood Epilepsies	Intensive Paediatric Neurocare 1998. Edited By: Dr.P.A.Mohammed Kunju Trivandrum.	1-10
15. Childhood Seizures : Clinical Update	South Pedicon 2002 SOUVENIR 18-20 October 2002	59-64
16. Role Of Botulinum Toxin A In Cerebral Palsy-3 Yr Experience	Indian Journal Of Pediatric Neurology Vol.1 Issue No.1, April – June 2002 Edited By Dr.P.A.Mohammed Kunju Trivandrum.	39-43
17. ADHD	- do -	

18. Metabolic Causes of Mental retardation	SAT endowment Project 1995-96.	
19. Current Medical Management of Childhood Epilepsy	IAP Journal of Practical Pediatrics, Vol 1, No.4 Oct. – Dec. 1993.	296-301
20. Golden Jubilee Year Celebrations (1950-2000) Madras Institute of Neurology.	49 <sup>th</sup> Annual Conference of The Neurological Society of India 14 – 17, December 2000. Tamil Nadu, India.	
21. Hypoglycemia	Common Pediatric Neurological Problems – 2001. Edited & Published by Dr.P.Nagabhushana Rao	135-145
22. Coma In Paediatric Practice	Continuing Medical Education Programme . Dept. of Paediatrics Medical college, Alappuzha. 28.03.1999.	1-7
23. School Bag Related Neuro Medical Problems	XXII Annual Conference Indian Academy of Pediatrics Trivandrum. Nov.27 & 28 1993.	
24. Diagnosis of Childhood Epilepsies	Common Pediatric Neurological Problems September 1998. Edited & Published by Dr.P.Nagabhushana Rao	28-47
25. Epilepsy-Pediatricians Perspective	Pedicon Pandalam – 2002 CME in Pediatrics. Sunday 14 <sup>th</sup> July 2002.	41-52
26. Predictors of Complex Febrile Convulsions	Indian Academy of Pediatrics 27 <sup>th</sup> Annual Conference 24 & 25 October, 1998. Alappuzha.	
27. Lissencephaly Syndrome presenting as Myoclonic Seizure.	K.M.J : Vol.30, August 1989	273-274.
28. Type-2 Gangliosidosis (Sandhoff's Disease). Detection in 2 patients by Enzyme Assay.	Neurology India. 1989.	37,248.
29. Neuroleptic Malignant Syndrome	Improved by Bromocriptine JAPI. 1990.	38, 358-59,
30. Clinical & Electrophysiological Recovery Pattern of Guillian-Barre Syndrome in Children.	Paper presented in world Congress of Neurology October 22-27, 1989, New Delhi. (Neurol India supplement to volume: 37, 1989.	17
31. SSPE in an Adult	The 3 <sup>rd</sup> International Symposium on SSPE. Oct.29-31,1989 Vellore.	

32. Treatment Problems in a Paediatric Epilepsy Clinic Statement present in International Neurology Merritputnam Symposium Oct.21-22 1989, New Delhi.
33. Pleural Empyema-Problems of Inter Costal Drainage Indian Paediatrics
34. Child Rearing Practices in Rural Kerala Indian Paediatrics
35. Treatment of Drug Resistance in Nephrotic Syndrome. Indian Paediatrics
- 36. 4. The risk factors and outcome of children with intractable status epilepticus** World Congress Of Pediatric Neurology Beijing  
China September 19-22 2002
- 37, Role of botulinum toxin in cerebral palsy**
38. Brainstem & cerebellar Hypoplasia associated with osteogenesis imperfecta - type -5 postgraduate medicine 2006 152-153 vol. 52
38. A Mild Variant of Pontocerebellar Hypoplasia Type 1 in a 12-Year-Old Indian Boy  
PEDIATRIC NEUROLOGY Vol. 40 No. 4 2009 April 302-304
- 39. Efficacy of Topiramate as an Add-on Drug in Seizures in Indian Children—An Observational Study**
- Priya Sreenivasan, P. A. Mohammed Kunju;
  - *The Indian Journal of Pediatrics* ;October 2011, Volume 78, Issue 10, pp 1221-1224
- 40. The early electroclinical manifestations of infantile spasms: A video EEG study**  
Mary Iype, Puthuvathra Abdul Mohammed Kunju, Geetha Saradakutty, Devi Mohan, Shahanaz Ahamed Mohammed Khan  
*Ann Indian Acad Neurol* 2016;19:52-7
- 41. Infantile spasms: A prognostic evaluation**  
Mary Iype, Geetha Saradakutty<sup>1</sup>, Puthuvathra Abdul Mohammed Kunju, Devi Mohan<sup>2</sup>, Muttathu Krishnapanicker Chandrasekharan Nair<sup>3</sup>, Babu George<sup>3</sup>, Shahanaz M. Ahamed<sup>1</sup>  
*Ann Indian Acad Neurol* 2016;19:228-235
- 42 An uncommon presentation of hexosaminidase deficiency-** *Ann Indian Acad Neurol* 2016;19:228-235
- 43. Neurometabolic Disorder With Microcephaly, Dystonia, and Central Cyanosis Masquerading as Cerebral Palsy**  
Kalpana Mini S, Sanuja Sarasam, Roshan B. Colah, P. A. Mohammed Kunju, DM - J Child Neurol- November 2014 vol. 29 no. 11 NP139-NP142
45. Consensus Guidelines on Management of Childhood Convulsive Status Epilepticus- *Indian Pediatr* 2014;51: 975-990
46. Gelastic Epilepsy and Hypothalamic Hamartoma- S. Syamlal, Mohammed Kunju  
*Indian Pediatrics* 2006; 43:454-45
47. Efficacy, Safety and Tolerability of Trioptal® (Oxcarbazepine) in Children and Adolescents with Newly Diagnosed Partial Seizures or Generalized Tonic-Clonic Seizures: Results of a 6 Months, Prospective, Open-Label, Multicentre, Non-Comparative, Observational Post-Marketing Surveillance Study- *Indian Medical Gazette* — AUGUST 2012 p 324-330
- 48 Brainstem Encephalitis in children .Tertiary care experience .** *Ann Indian Acad Neurol* 2015;18, Suppl p2:38 **Mohammed Kunju , Anagha Bhagath et al**
49. Role of Botulinum Toxin A in Cerebral Palsy – 10yrs Experience- PA Mohammed Kunju<sup>1\*</sup>, Riaz II, Mary Iype<sup>1</sup>, Mini S<sup>2</sup> and Kalpana D<sup>3</sup>  
Ortho & Rheum Open Access J 9(3) 2017  
<https://juniperpublishers.com/oroaj/pdf/OROAJ.MS.ID.555765.pdf>
50. Vitamin D Deficiency in Ambulant Children on Carbamazepine or Sodium Valproate Monotherapy SREEDHARAN m , DEVADATHAN K , KUNJU p a m , SASIDHARAN B, PILLAI j k, AMMA MAV AND MUTHUBEEVI SB  
*INDIAN PEDIATRICS* 307 VOLUME 55\_\_APRIL 15, 2018
51. Neuroleptic malignant syndrome improved by bromocriptine.

**Kunju PA**, Bhaskaran R, Nair KR. J Assoc Physicians India. 1990 May; 38(5):358-9.

52. Efficacy, Safety and Tolerability of Trioptal® (Oxcarbazepine) in Children and Adolescents with Newly Diagnosed Partial Seizures or Generalized Tonic-Clonic Seizures: Results of a 6 Months, Prospective, Open-Label, Multicentre, Non-Comparative, Observational Post-Marketing Surveillance Study- *Indian Medical Gazette* — AUGUST 2012 p 324-330

53 *Brainstem Encephalitis in children .Tertiary care experience . Ann Indian Acad Neurol 2015;18, Suppl p2:38 Mohammed Kunju , Anagha Bhagath etal*

58 Factors associated with behavioural problems among children receiving anti-epileptic drugs Aswathy K L\*, **P A Mohammed Kunju**, S Mini. (2018). Manipal Journal of Nursing and Health Science, 4(1), 18-23.

### **58.Alternating Hemiplegia of Childhood in an Infant with Symptoms Resembling Glucose Transporter 1 Deficiency=**

**Mini Sreedharan ,Kalpana Devadathan. Shiji ChalipatKunju P. A. Mohammed**

Journal of pediatric neurology: JPN 15(4) · January 2017 with 33 Reads DOI: 10.1055/s-0037-1598026

### **59. Neurometabolic Disorder With Microcephaly, Dystonia, and Central Cyanosis Masquerading as Cerebral Palsy**

.Kalpana Devadathan ,Mini Sreedharan,Sanuja Sarasam, P A Mohammed Kunju

Journal of child neurology 29(11) · January 2014 DOI: 10.1177/0883073813512026

### **60. A Mild Variant of Pontocerebellar Hypoplasia Type 1 in a 12-Year-Old Indian Boy**

Kalpana D, L Parvathy, Shahanaz M Ahamed Mohammed P.A. Kunju

Pediatric Neurology 40(4):302-5 · May 2009

DOI: 10.1016/j.pediatrneurol.2008.11.009

- **Epilepsy in Children-IAP- UG teaching module** 2011, P.A M. Kunju
- **Mental retardation –Hand book on Child hood disability for Anganvady teachers**-Early identification and intervention programme ;By Centre for disability studies Tvm, P.A M. Kunju
- **Cerebral palsy–Hand book on Child hood disability for Anganvady teachers**-Early identification and intervention programme ;By Centre for disability studies Tvm, P.A M. Kunju

## **Papers presented in International conferences**

1. Clinical & Electrophysiological Recovery Pattern of Guillian-Barre

Syndrome inChildren.

Paper presented in world Congress 17 of Neurology October 22-27, 1989, New Delhi. **(Neurol India supplement to volume: 37, 1989.**

31. SSPE in an Adult

The 3<sup>rd</sup> International Symposium on SSPE. Oct.29-31,1989 Vellore.

32. Treatment Problems in a Paediatric Neurology Epilepsy Clinic Statement presented in International Merritputnam Symposium

Oct.21-22 1989, New Delhi.

**36. The risk factors and outcome of children with intractable status epilepticus**

**World Congress Of Pediatric Neurology Beijing China September 19-22 2002**

**37. Role of botulinum toxin in cerebral palsy**

**World Congress Of Pediatric Neurology Beijing China September 19-22 2002**

### 38. Efficacy of Topiramate as an Add-on Drug in Seizures in Indian Children—An Observational Study

XXIII World Congress of Neurology (WCN 2017). Kyoto Japan

**Abstract Number:** WCN17-2110

**Abstract Title:** ANTI NMDAR ENCEPHALITIS SYNDROME IN CHILDREN: SEASONAL TRENDS OBSERVED FROM A CASE SERIES

### Papers accepted at XXIV World Congress of Neurology (WCN 2019) Dubai –Oct 2019

1. Abstract Number: WCN19-1556 **Poster**

Abstract Title: ROLE OF BOTULINUM TOXIN A IN CEREBRAL PALSY – 15 YRS EXPERIENCE

#### Oral Presentation

#### 2. NEUROLOGICAL MANIFESTATIONS OF DENGUE FEVER: DATA FROM A TERTIARY CARE MEDICAL COLLEGE IN KERALA.

P.A.M. Kunju<sup>1</sup>, A. Jain R<sup>1</sup>

3. Acute febrile encephalopathy – short term outcome

4. Seizure mimics – special conditions

### Books edited and chapters contributed

	<b>Books edited</b>	<b>Year of Publication</b>	<b>Co editors</b>
1	Intensive Paediatric Neurocare	1998	R Anandam
2	IAP text book of Pediatric Neurology (Ed 1)	2013 , 2019 Jaypee	Anoop Verma
3.	IAP text book of Pediatric Neurology (Ed 2)	2019 Jaypee	Anoop Verma
4.	<b>SAT Pediatric Neurology Protocol</b>	2012	Mary Iype
5.	<b>Epilepsy for primary care physicians</b>	2007 Indian Medical Association	-
6	<b>Pediatric Neurodiagnostic compendium</b>	2004 IAP	Mary Iype
	<b>Chapters contributed</b>		<b>Editors</b>
1.	IAP text book of pediatrics	–2013, 2016 2019	PSN Menon, MKC Nair
2	<b>Movement disorders in children and adolescents – chapter on Dystonia</b>	New Delhi : Jaypee Bros. Medical Publishers, 2003	G P Mathur; Sarla Mathur
2.	IAP Color atlas of pediatrics – (Ed 1 &2)	2011 and 2016	Rohit agrawal
3.	Parthas Text book of pediatrics -	2014 Jaypee	
4.	Case scenarios in Pediatrics and adolescent practice	2014 Jaypee	Parthasarathy
5	Text book- FAQs in Pediatrics and adolescent practice-	2015	Parthasarathy

6	Handbook of Pediatrics- Chapter on Neurology-	Published by Rajender K. Arya = AIPD, Chennai.	A.Santhoshkumar
7	Frontiers in Pediatric Neurology	2016 Jaypee	Anandakesavan
8.	Parthas Management protocols in Pediatrics and adolescent practice-	Jaypee 2015	G.Parthasarathy
9.	Frontiers in Pediatric Neurology –Common pediatric Neuro problems	1999,2000, 2001, 2002	Ngabhushan Rao
10	IAP Management Algorithm for common pediatric illnesses	2016 Jaypee	
11	Algorithms in Pediatrics	2017 Jaypee	Anand Vasudevan

### Conferences organized

#### Seminars, workshops –

##### Organizing secretary for following conferences

##### By Dept of Pediatric Neurology /Pediatrics/IAP/Neurology- At Trivandrum

1. Muscle disorders in children – Carnitor symposium- 1992 Hotel Fort Manor Tvm
2. Update on Pediatric neurology – Oct 10 1992
3. CME – child hood intra cranial infections – 1994 SAT Hospital
4. Update in pediatric neurology –june 1997
5. Pediatric Neurology; Celebrating the Decade of Paediatric Neurology Division - April1998 ,  
Theme: Intensive Paediatric Neurocare
6. First National Satellite Conference on Pediatric Epilepsy, Dec-1998 Mascot Hotel
7. Neurology and Neonatology in the New Millennium, 16 April - 2000
8. Paediatric Neurodiagnostic Compendium - July-2004
9. Workshop on Botox in Cerebral Palsy- 6th April 2002 – Hotel Muthoot Plaza
10. **Pedneurocon- International Pediatric Neurology Conference** -2002, Theme- Bringing  
Neurology to People - Achutha menon centre
11. 1<sup>st</sup> Annual conference of IAP Kerala Pediatric Neurology chapter –Nov 11 . 2007 Advances in  
pediatric epilepsy – Hotel Residency towers
12. VIII national conference of IAP Pediatric Neurology chapter –Aug 30-31 2008 CONFERENCE  
THEME – Healthy Brain, Nation’s Wealth Uday Samudra Kovalam
13. Neuro PG Update – 22/10/2011 Omana Mathew Hall SAT Tvm
14. Neuroped 2011- state conference of IAP Neurology Chapter -23/10/2011
15. **SAT pediatric Neurology protocol meet – 18 March 2012 IAP kerala – On childhood epilepsy**
16. **SAT pediatric Neurology protocol 4 meeting at 3 month interval**
17. Neuropedicon - National conference of IAP Neurology chapter - Dec 2013 Poovar Isola de cocco
18. PG update Neurogenesis- Training program for Post graduates - JULY6"&7 2013 CDC
- 19.44<sup>th</sup> Annual Conference of Kerala IAP -The Kerala State PEDICON, 2015 AL-SAJ  
Convention centre, 21, 22-11.2015**

**20. NeuroXchange – International child neurology conference of ICNA 3-4 March 2018  
Hotel KTDC Samudra Kovalam**

**21. KUHS update series on major advances in paediatric neurology. - 9 June 2018 at Child  
development Centre Auditorium S a T Hospital medical College Trivandrum**

### **Organizing committee Member**

47<sup>th</sup> Annual conference of Neurological society of India 1998 Kochi

### **International conference organizing committee member**

1. Travel and accommodation committee member – Asian Oceanian conference of Pediatric Neurology- Newdelhi – 2004
2. Organizing committee member *World congress of pediatric neurology*- 2018 Mumbai
3. KAN International Monsoon Summit – Hyatt Bolgatti Kochi – July 13-14
4. Pediatric Epilepsy training Program of BPNA (British pediatric Neurology association) at Trivandrum, Kochi, and Thrissur 2016 &17

## Papers Presented in conferences / CME

### Dr P A Mohammed Kunju

1. Clinical perspective of Pediatric metabolic disease-13th annual conference of Indian society of Neuroradiology -11th 14th Nov 2010 SCTIMST ,Trivandrum
2. .Epilepsy mimics 1st Annual conference of the state chapter and CME on "Advances in Epilepsy" at Residency Towers, Thiruvananthapuram on 11/11/07
3. Fits ,Faints and Funny turns - International CME Neuro update -2008  
KIMS & Neuroclub17-2- 08 Trivandrum
4. Acute stroke syndromes CME on Pediatric Neurology  
IAP Thrissur 2/03/08
5. Deallayed milestones Post graduate CME Kozhikkodc Medical College 21/2/08
6. Neurodegenerative disorders 8th Annual conference of the Neuro chapter IAP  
Thiruvananthapuram on 30-31 Aog 2008
7. MRI & CT - Do –
8. Subarachnoid Hemorrhage Pedheart -2008 rivandrum 27-28 Dec 2008
9. .Epilepsy for Practitioners Public healthy Update –Community Medicine Medical college  
Trivandrum 15/01/2009
10. 29.Migraine In Children Pedicon 2009 –Bangalore 46th Annual conference of IAP  
22-25 jan 2009
11. 30 Neurometabolic disorders - DO--

12. **Infantile Neuroaxonal Dystrophy- Abstract -19th Annual conference of Indian Academy of Neurology** Pune Marriott Hotel and Convention Centre ;Sept 22 – 25,2011 ,PO 54, P.A M. Kunju
13. Controversies in epilepsy –Infantile spasm ; CME at Matthan Hotel Bangalore-11th Dec 2010
14. Childhood Epilepsy –management issues - Monthly meeting & CME of IAP Tvpm -26 December 2010 at Hotel Muthoot Plaza, Tvpm
15. Headache in children – CME on basic issues - PEDICON – Jaipur 2011 20th-23rd jan 2011
16. Panel discussion on Epilepsy –Sbspeciality meet (Neurology) PEDICON 2011 Jaipur 20th-23rd jan 2011
17. Clinical spectrum of intractable epilepsies – symposium PEDICON 2011 Jaipur 20th-23rd jan 2011
18. Pediatric stroke in India -Advances in pediatric Neuroimaging and research methodology' jointly sponsored by ISTP Canada and Department of Biotechnology, Government of India,=SCTIMST ,TVM 5th & 6th Feb 2011
19. Early detection of disabilities – workshop IAP-centre for Disability Studies under LBS Centre for Science and Technology, Palayam, Thiruvananthapuram 11th FEBRUARY 2011
20. LD Neurological correlates and case scenario –CDC faculty improvement program CDC Tvm ,15th February 2011
21. **clinical scenario of Pediatric stroke in India –Advanced Neuroimaging and Research methodology** –syllabus educational material SCT IMST Tvm P 27-3, P.A M. Kunju
- 12 Case discussion – neurodegenerative disorder; Post graduates intensive training –Medical College, Kozhikode 26th Feb 2011
13. "Arteriopathic stroke in children" -Stroke Symposium-2011-The Trivandrum NeuroClub meeting - Estuary Island Resort, Poovar 27th February 2011
14. Mental retardation and cerebral palsy- Early detection and intervention training programme for ICDS supervisors ; Kalamassery along with Centre for Disability Studies under LBS Centre for Science and Technology -5th March 2011
15. Clinical approach to Neurodegenerative disorders Neuropedicon 2011; Medical college Kottayam ;20th March 2011
16. Strategies for prevention of life style diseases- State level IAP ToT on Prevention of Lifestyle Diseases 26th MARCH 2011 CDC Tvm
15. Autism –recent changes in clinical diagnosis –National conference on Autism; ICCONS shoranur APRIL 2- 2011
17. CME conducted by Indian Academy of Pediatrics Kottayam Branch on 25-4-2010.
18. IAP State Pediatric Neurology conference 20-6-2010
19. Workshop on a comprehensive review of Neuro Ophthalmology of Chennai on 19.11.2010.
20. Workshop on a comprehensive review of Neuro Otology for the clinical practitioner 20-21 November 2010 at Chennai.
21. CME in department of Pediatrics on Paediatric Gastroenterology on 27-6-2010
22. Talk on Headache in children and Approach to Floppy infant at the Indian Academy of Pediatrics Kottayam branch on 25.4.2010.

23. Talk on approach to a floppy infant in the 5th IAP State Pediatric Neurology Conference on 20/6/2010.  
Pediatric Neurology Forum monthly meeting held on 29/3/2014  
Topic Management of Spastic, Urinary bladder dysfunction :Dr.Ram Narayan
24. Migrain Lead meeting Hyderabad 23 April 2014
25. NSIK meeting, Cochin ,May 18 - Recent advances in Headache
26. EEG conference : Thrissur IAP August 3/ 2014
27. Neucon : Clinical Neuro examination Hyderabad August 23, 2014
27. Therapeutics in neurology Poovar: 30<sup>th</sup> September 2014
28. Neurological localization PICCLE meeting **PICCLE- Pediatric Intensive Coaching Cycles & Learning Evaluation- Oct 2014**
29. South Pedicon : Thrissur - Seizure syndrome 1<sup>st</sup> November
30. Neuropedicon - Neurodegeneration -2014: October 11,12 2014 –Pune
31. Pedicon New Delhi January 22-24 2015 - AFP beyond polio
32. Child Neurocon –Kolkota February . 22 2015 Newborn MRI
33. Neocon- Kollam February 2015 -Neonatal seizure
34. PG CME Calicut February 27/2015 Floppy infant ,localization
35. NSIK state meet Trivandrum February 28,2015 encephalitis
36. Pedimedicine Kochi April 18/2015. Headache
37. NEURO GENESIS 2013-PEDIATRIC NEUROLOGY PG TRAINING PROGRAMME SAT HOSPITAL JULY 6TH and 7<sup>th</sup> – 2013
38. Neuropedicon -2013 XII National Conference Neurology Chapter, IAP Annual Conference of the IAP Neurology Subspeciality Chapter 7th and 8th December,2013 Venue Hotel – ISOLA DI COCCO, POOVAR , TRIVANDRUM – Autism spectrum; movement disorders
39. **Movement disorders Drug induced and metabolic National Taskforce on Childhood** epilepsy and Movement Disorders (Under Presidential Action Plan 2012), P.A M. Kunju
40. Pediatric Neuro forum - Papers are regularly presented by the department staff in the Neuroclub conducted by the Ped neurology department on every 3<sup>rd</sup> Wednesday .
41. PEDIATRIC NEUROLOGY PG TRAINING PROGRAMME SAT HOSPITAL JULY 6TH and 7<sup>th</sup>  
–
42. NSIKC Annual Conference Feb 28 and March 1st – Mascot Trivandrum

- Topic – Intensive care – Intracranial infections
- 44, Neonatal seizure NNF Conference February 14,15 2015Ravis - Kollam
  45. National Pediatric Neurology conclave May 24,25, 2015 Topic: Epilepsy- Role of treatment Programmes Crown Plaza Kochi
  46. CME on Pediatric Neurology July 12, 2015 ; Hotel Casanova Thrissur-Topic: Imaging in intracranial infection
  47. Kerala state Pediatric Neuro Conference November 1, 2015 Hotel Arcadia, Kottayam- Topic: Encephalitis.
  48. Workshop on Neuro development cerebral palsy Neuro Radiology November 30, 2015 Medical College Kottayam.
  49. NSI Midterm conference November 8, 2015 Contour backwaters Changanassery Topic: AIE Seasonal trend
  50. NeuroPedicon National Nagpur October 2015 Topic: Neuro Audiology in Pediatric Neurology
  51. APT (Appropriate Pediatric therapeutics) IAP-(PROGRAMME UNDER IAP ACTION PLAN 2015) 19th April 2015 – Imperial Trade Centre, MG Road, Kochi  
Topic: protocol for Headache treatment
  52. PET1- British Paediatric Neurology Association- Train the Trainer - Bangalore, 5, 6 March 2016
  53. 1State Pedicon 44th Annual Conference Kerala IAP November 21,22 Alsaj Convention Centre==  
Organizing secretary – Dr PA M Kunju
  54. Work shop in Pediatric Neurology== 20/10/2015 at SAT Hospital Medical College
  55. **PICCLE- Pediatric Intensive CoachingCycles & Learning Evaluation** in Pediatric Neurology – December 19, 20- 2015
- 
- |  |  |
|--|--|
| 57. In Management of Encephalitis in children  | <b>Pedicon 2008</b> Hotel Swosti Plaza ,Bhuvanewer<br>19 <sup>th</sup> January 2008 Saturday   |
| 58. Clinical Approach to cerebral palsy & NeuroPedicon 2007 Telemedicine Hall<br>Case discussion on cerebral Palsy | MCH, Vandanam, Alappuzh<br>25 <sup>th</sup> November 2007  |
| 59. Outcome in 150 children with Status Epilepticus  | Mid Term meeting HotelSree<br>Chakra Palakkad October 14 <sup>th</sup> 2001  |
| 60. Common CNS Infections in Pediatric Practice  | Madurai Academy of Neurology<br><br>& IMA – Madurai<br>Update in NeurologyHotelSangam<br>Alagarkoil Road Madurai.2 13/3/05                     |
| 61 Movement disorders in children  | Pediatric Neurology CME& State Level<br>Inaguration on Pediatric NeurologyChapterWindowor<br>Castle<br><br>Kottayam 24 <sup>th</sup> June 2007 |

- 62.. Movement disorders in children Kerala Association of Neurologists  
Annual Meet – 2007 Kadavu  
Resorts,Kozhikode 26<sup>th</sup> and 27<sup>th</sup> of May 2007  
Newborn 1007
63. How to anticipate problems in asphyxiated  
Baby-early signs of cp/sequelae. Annual Convention of National  
Neonatology Forum,Kerala  
Hotel Mascot 17<sup>th</sup> and 18<sup>th</sup>  
February
64. Hypotonia& Dystonia physiologytophysiognomy 9<sup>th</sup> January 2008  
MyotunesCME on Muscle Tone  
  
In health & disease Govt Medical  
College Trivandrum
65. April 15<sup>th</sup> ,16<sup>th</sup> Work shop and CME (Achuthamenon Centre,Tvpm).(Organized)
- 66.. International Child Neurology Conference. New Delhi September 16,17 &18)  
Chairing the Session and Presented paper on Child with Motor Delay.  
Chaired the session on Encephalopathy
66. National CME on Paed. Neurology at Hyderabad Oct.10<sup>th</sup>  
Role of Botulinum Toxin Cerebral Palsy  
Chaired Session on Epilepsy
- 67.Neurological Society of India. National Conference at Chennai Dec.16,17  
. Role of Botulinum toxin Cerebral Palsy.
68. Indian Academy of Neurology at Madurai (Sept 14,15)
69. . Paed Neurology CME at Trivandrum SAT Auditorium Feb 18<sup>th</sup> 2001..
- 70.. NSI State Annual conference at Co chi Feb 25<sup>th</sup> 2001.  
Role of Botulinum Toxin Cerebral palsy
71. Frontiers in Pediatric Neurology Common Pediatric Neurology  
Vol .iv .2000 Hydriabad Editor: P. Nagabhushana Rao
72. CT Scan in Hand book of Pediatrics By: A.Santhosh Kumar AIPD: Chennai
73. Headache in children – CME on basic issues - PEDICON (national Pediatric conference)– Jaipur  
2011 20<sup>th</sup>-23<sup>rd</sup> jan 2011
74. Panel discussion on Epilepsy –Sbspeciality meet (Neurology) PEDICON 2011 Jaipur 20<sup>th</sup>-23<sup>rd</sup>  
jan 2011
75. Clinical spectrum of intractable epilepsies – symposium PEDICON 2011 Jaipur 20<sup>th</sup>-23<sup>rd</sup> jan  
2011

76. Pediatric stroke in India-Advances in pediatric Neuroimaging and research methodology' jointly sponsored by ISTP Canada and Department of Biotechnology, Government of India,=SCTIMST ,TVM 5th &6th feb 2011
77. Early detection of disabilities – workshop -centre for Disability Studies under LBS Centre for Science and Technology,Palayam, Thiruvananthapuram 11th FEBRUARY 2011
78. LD Neurological correlates and case scenario –CDC faculty improvement program CDC Tvm ,15th February 2011
79. Case discussion – neurodegenerative disorder; Post graduates intensive training –Medical college , kozhikode 26th feb 2011
80. Neuro imaging in children- Post graduates intensive training –Medical college , kozhikode 26th feb 2011
81. "Arteriopathic stroke in children" -Stroke Symposium-2011- Trivandrum NeuroClub meeting - Estuary Island Resort, Poovar 27th February 2011
82. Mental retardation and cerebral palsy- Early detection and intervention training programme for ICDS supervisors ; Kalamassery along with Centre for Disability Studies under LBS Centre for Science and Technology -5th March 2011
83. Clinical approach to Neurodegenerative disorders Neuropedicon 2011; Medical college Kottayam ;20th March 2011
84. Strategies for prevention of life style diseases- State level IAP ToT on Prevention of Lifestyle Diseases 26th MARCH 2011 CDC Tvm
85. Autism –recent changes in clinical diagnosis –National conference on Autism; ICCONS shoranur APRIL 2- 2011
86. Management of febrile seizure –IAP monthly meet, hotel residency Tvm 26th: APRIL 2011
87. Approach to Motor disabilities in children- Neuroped 2011 –annual Conference of neurology chapter IAP ,Kerala ,Hotel Shrichakra ,Palakkad ;May 1st ,2011
88. Children with status epilepticus and febrile seizure-treatment made easy-A CME on back waters IAP Alappuzha 29 May 2011
89. current management of pain & role of flupirtine ; Clinical meet ;Orthopedic association -Hotel classic avenue.TVM 30th June 2011
90. Mental retardation – the red herrings; IAP Kerala CME on Childhood Disability CDC ,TVM, JUNE 19th: 2011
91. Catastrophic epilepsies –TvmNeuroclub Meeting –Hotel Classic Avenue Tvm 24th June 2011
92. Neuroembryology- CDC distant education program CDC Tvm ,3rd June 2011
93. Neuro Imaging in children Neuroped IAP Pediatric Neurology conference SAT hospital October 22<sup>nd</sup> 2011
94. Movement disorders in children Neuroped IAP Pediatric Neurology conference Mascot hotel TVM October 23<sup>rd</sup> 2011
95. Autism spectrum disorder - Neuroped IAP Pediatric Neurology conference Mascot hotel TVM October 23<sup>rd</sup> 2011
96. Headache in children South pedicon – Hotel Royal park Angamaly 5<sup>th</sup> November 2011
97. Epilepsy module –consultative meet President's Action plan MCC club Mumbai-26<sup>th</sup> November 2011
98. Movement disorders-consultative meet President's Action plan Raipur -5<sup>th</sup> December 2011
99. Seizure Mimics –Neuropedicon national Pediatric Neurology conference Raipur Raipur -6<sup>th</sup> December 2011
100. Clinical presentation of Autism Neuropedicon national Pediatric Neurology conference Raipur Raipur -6<sup>th</sup> December 2011
101. Acute Encephalitic syndrome surveillance – state level training program –DHS 16<sup>th</sup> December ,Trvandrum
102. Imaging in Febrile encephalopathy – Neuropedicon , Hyderabad, 27,28 July 2019
103. Movement disorder emergencies- Status dystonicus -Neuropedicon , Hyderabad, 27,28 July 2019
104. Acute febrile encephalopathy- Short term out come – Pedicon February 6-8 2019 Mumbai

105. Epileptic encephalopathy – Econ Newdelhi 2019

Thesis Guided/Co guided by  
Dr. P.A Mohammed Kunju.

No.	Thesis Name	Students
1.	A Randomised Control Trial of Long Term Drug Treatment With Sodium Valproate Versus Phenobarbitone in Children with Atypical Febrile Seizures	Mary Iype 1992.
2.	Idiopathic Epilepsy in Children –dermatoglyphic patterns	Dr.Amarjayanthi 1997.
3.	A Study on Etiological and Prognostic Factors In Non Traumatic Coma of Childhood	Dr.Bindu.P.S 1995-1998
4.	Neonatal Seizures And Neurodevelopmental Outcome	Dr.Grace.B.A 1989-1992.
5.	An Interventional Study To Improve The Knowledge of Young Women Regarding Growth And Development of Children Up To Two Years Using A Self Instructional Module	Omana M.P 1998.
6.	Intracranial Space Occupying Lesions In Children A Clinical Histopathological and Neuroradiological Study With Prognostic Considerations	R.Parvathi 1987-1989.
7.	Etiological Factors And Outcome Of Status Epilepticus	Dr.BinduThankappan 1998-2001.
8.	Cerebrospinal Fluid C-Reactive Protein And CSF Antigen Detection In Childhood Meningitis	Dr.Gopika.K.S 1999-2000.
9.	Clinical Study On Infantile Epilepsy	Dr.Iype Joseph 1996-1999.
10.	A Study To Assess The Knowledge Among Parents of Children With Convulsion Regarding The First Aid Management With A View To Preparing A Parent Education Module	Sindhu.C.S 1999.
11.	Monotherapy With Carbamazepine In Children With Complex Partial Seizures Clinical Effects and Serum Level	Dr.AjithKumar.V.T 1993-1996

- |     |  |                                   |
|-----|--|-----------------------------------|
| 12. | A Study On Stroke In Children Aetiology, Clinical And Investigative Profile                                    | Dr.Deep.K, Krishnan<br>1996-1999. |
| 13. | Development of an Instructional Module For Parents on Home Management of Children With Cerebral Palsy          | Seena.B<br>2000.                  |
| 14. | A Clinicopathological Study of Spinal Muscular Atrophies And Primary Muscle Disorders Of Infancy and Childhood | Kalpna.D<br>1988-1991.            |
| 15. | Predictive Value of Electroencephalography In Neonatal Hypoxic Ischaemic Encephalopathy                        | Dr.Saddiq.M.H<br>1994-1997.       |
| 16. | Prognostic Indicators of Six Month Outcome of Acute Viral Encephalitis   | R.Girija<br>1997-2000.            |
| 17. | Comparative Study of CT And USS Head In Detecting Complications Of Meningitis In Children Under Two Years      | Dr.JosephViju<br>2000-2001.       |
| 18. | A Study on Clinical And Enzymatic Profile of NeurometabolicAnd Lysosomal Disorders                             | Dr.Gireesh.S<br>1999-2002.        |
| 19. | Predictive Value Of Electro Encephalography In Determining Recurrence Of Single Unprovoked Seizure             | Dr.Anithakumari.K.P<br>1996-1998. |
| 20. | Predictors Of Complex Febrile Convulsions  | Dr.Naveen Jain                    |
| 21. | Progress In Pediatric Cardiology   | M.ZulfikarAhamed<br>2001.         |
| 22. | Acute Hemiplegia in Children Aetiology, Clinical & Investigative Profile.                                      | Dr.Deepa.K.Krishnan               |
| 23. | Neurodevelopmental Outcome Of Neonatal Seizures  | Dr.Rekha Krishnan<br>1997-1999.   |
| 24. | Clinical and Etiological Study of Focal onset Seizures in Children   | Mary George<br>1996.              |
| 25. | A One Year Follow Up Study on Neurodevelopmental Outcome of Neonates with Intracranial Hemorrhage              | Dr.Anand P.M<br>2000-2003.        |
| 26. | Intermittent Prophylaxis of Febrile Fits – A Comparative Study of Clobazam with oral Diazepam                  | Dr.Kaveri Varma<br>2003.          |
| 27. | A comparative study of intravenous valproate Vs Intravenous Phenytoin in status epilepticus                    | Dr. Rajeev M.R<br>2001-2004       |
| 28. | A comparative study of intravenous phenytoin Vs phenobarbitone in neonatal seizures                            | Dr.Bennet xylem .P<br>2002-2004   |
| 29. | Efficacy of topiramate in pediatric intractable seizures   | Dr. PriyaSreenivasan              |

- an observational study 2002-2005
30. Etiological factors for adoloscent sleep disorders,  
A descriptive study Dr. Sajeew Job  
2002-2004
31. An interventional appraisal on knowledge of mothers  
of children with epilepsy regarding selected aspects  
of home care **Marykutty Mathew**  
2003

### Malayalam Books

- **“Apasmaravum chalanavaikalyangalum”(Epilepsy and movement disorders)** Book published for patient awareness-IAP Tvm, P.A M. Kunju
- **Patana vaikalyam- Under publication by Commissioner of Disabilities**

Regular Contributor in Malayalam Periodicals

- **Migraine in Children**  
Malayala Manorama Arogyam on February 2011 by Dr. Mohammed Kunju
- **Hyperactivity Problems**  
Mathrubhumi Arogyamasika on April 2011 by Dr. Mohammed Kunju, IAP Trivandrum
- **Cerebral Palsy New Hopes**  
Malayala Manorama on December 2010 by Dr. Mohammed Kunju, IAP Trivandrum
- **Ariake oru doctor column in Kerala Kaumudy Flash**

### Details of involvement in new innovative methods in medical field in the state

#### A. Utilization of Botulinum toxin in the management of Spasticity in cerebral palsy

Conducted workshops for popularizing Botulinum toxin in the management of Spasticity in cerebral palsy – Workshop for Physicians Hotel Muthoot -2002  
Work shop for physiotherapists – Series  
Workshop for Neurologists

#### B. Established the first ever NEWBORN HEARING SCREENING PROGRAM

**A programme which was available in western countries only was started first time in Kerala government sector in the dept of Pediatric Neurology**

- Fund was obtained from the MP Fund (MPLAD) of Hon.Late P K Vasudevan Nair MP
- Programme is being continued thru SAT endowment project
- The prevalence of newborn and infant hearing loss is estimated to range from 1.5-6.0 per 1000 live births. It is very important to detect hearing loss at the earliest so that effective rehabilitation steps can be implemented to develop adequate speech and language skills. With this aim Paediatric Neurology conducts a newborn hearing screening program with Oto Acoustic Emission testing to identify hearing loss in the newborns born at this hospital.  
Further evaluation done with Impedance audiometry Audiogram and BERA
- Thus disability due to deafness can be prevented

**P.K.Vasudevan Nair MP LAD programme inauguration was held on 16.11.06. Inagrual function was done by Hon. M.P. Sri. Pannyan Ravindran.**

#### C. Learning disorder training Program for School Teachers

Throughout Kerala learning disorder training program for Govt School teachers were done during vacation camps - 2018

Prepared the module for LD understanding and remediation, empowered pediatricians by conducting Training of Trainers program in 2017 and the trained teachers

(Detailed report as Kerala IAP president and Certificate of Commissioner for disabilities attached)

IAP Presidential action plan named Vibgyor was executed as a major program throughout Kerala by pediatricians and did lot of community activities

## **Details of participation / involvement in relief work in the event of natural calamities / outbreak of communicable diseases**

**Diphtheria in Vizhinjam** – Immunization drive 2011, 2014, 2015

**MR Vaccination drive** - As president and president elect of IAP Kerala 2017 and 2018

**Nipah epidemic** containment support as IAP president Kerala

Awareness program

Epilepsy Awareness Programme conducted at various Schools and colleges

- State Level Inauguration of Epilepsy Awareness Programme for School Students at A.J.Hall, Kumarapuram, Trivandrum on 07.12.2010. Smt. P.K. Sreemathy Teacher, Health Minister inaugurated the programme.

Epilepsy Awareness Programme conducted at Cotton Hill Girls Higher Secondary School, Trivandrum on 12<sup>th</sup> August 2011 organized by IAP Trivandrum Branch

- School Intervention Programme regarding the Water Born Diseases at Govt. LP School, Peroorkada, Govt Girls High School, Peroorkada and Govt High School, Poojappura on 20<sup>th</sup> January 2011, organized by IAP Trivandrum Branch.

**Mazhavillu** a short film on awareness of Epilepsy is being screened in various schools and exceeded more than 3 lakh viewing in Youtube

<https://www.youtube.com/watch?v=ZedVuQkI5E8>

## **Visual Media Presentation –**

Regular participant in Television programmes

*Asianet - Pulse*

*Surya – Ayurrekha*

*Doordarsan – Veettuvishesham*

*Kairaly – People – Hello doctor*

*Asianet- Doctor Live*

*Amritha TV- Medical News*

*AIR- talks in Prakasadhara; doctorodu chodikkam live*

*Regular column in Kerala kaumudi flash*

*Manorama ,arogyam, Mathrubhumi Arogyam etc.*

## **Contribution to IAN**

Member of IAN as soon as the organization was formed. Member and active participants in sub chapters like Pediatric Neurology subsection, and Neurorehabilitation. Participated in almost all conferences. Was active in initial membership drive. Faculty and paper presenter in many national IAN conferences.

As president of Kerala Association of Neurologists collaborated with IAN in organizing Monsoon Summit International Neurology summit in 2019. Have conducted school awareness programs on behalf of IAN.

Regularly associated with IAN epilepsy school programs