

## Evaluative Report of the Departments

1. Name of the Department PEDIATRICS
2. Year of establishment: **1972**
3. Is the Department part of School/Faculty of the university- Yes
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D, Integrated Masters, Integrated Ph.D, etc.).  
**Under-graduate: MBBS**  
**Post-graduate: MD (Pediatrics), DCH**
5. Interdisciplinary course and departments involved.
  1. **Clinical training of students enrolled in BASLP (Bachelor's Programme in audiology and Speech and Language Pathology at Ali Yavar Jung National Institute for Hearing Handicapped**
  2. **IYCF training of Medical Officers/Faculty in Pediatrics, Gynecology & Obstetrics and Community Medicine**
6. Courses in collaborations with other universities, foreign institutions etc.- Nil
7. Details of programmes discontinued, if any, with reasons : N/A
8. Examination System: Annual /Semester / choice based credit system.  
**N/A**
9. Participation of the department in the courses offered by other departments.  
**As co-supervisor in MD/MS/Ph.D courses offered by other clinical, para-clinical and pre-clinical departments**
10. Number of teaching posts sanctioned and filled (Professors / Associate / Professors / Asst. Professors).

	Sanctioned		Filled	
	University	CHS	University	CHS
Professors	2	1	7	1
Associate Professors	2	0	0	0
Asst. Professors	5	13	0	2

11. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt./ Ph.D/M.Phil. etc.)

S NO	Name	Qualification	Designation	Specialization	No of years of teaching experience (Post MD)	No of PhD / MD students supervised
1	Dr MMA Faridi	MBBS DCH MD	Director Professor	Pediatrics	39 Yrs	MD: 6
2	Dr Sunil Gomber	MBBS DCH MD DNB	Director Professor	Pediatrics	34 Yrs	MD: 5 DNB:1
3	Dr Piyush Gupta	MBBS MD	Professor	Pediatrics	29 Yrs	PhD:1 MD:5
4	Dr Anju Aggarwal	MBBS MD	Professor	Pediatrics	20 Yrs	MD: 4
5	Dr Dheeraj Shah	MBBS MD	Professor	Pediatrics	18 Yrs	MD: 4
6	Dr Prerna Batra	MBBS MD	Professor	Pediatrics	13 Yrs	MD: 3 DNB: 1
7	Dr Pooja Dewan	MBBS MD	Professor	Pediatrics	12 Yrs	MD: 3
8	Dr Manish Narang	MBBS MD	Professor	Pediatrics	13 Yrs	MD: 3 DNB: 1
9	Dr Sushil Srivastava	MBBS MD	Asst. Professor	Pediatrics	4 Yrs	Nil
10	Dr Deepika Harit	MBBS MD	Asst. Professor	Pediatrics	5 Yrs	Nil

12. List of Senior Visiting Fellows, Adjunct faculty, Emeritus Professors N/A

13. Percentage of classes taken by temporary faculty – programme – wise information.  
N/A

14. Programme – wise Student Teacher Ratio.

Student: Faculty

**MBBS: 15:1 (As Per MCI norms)**

**MD: 3:4**

15. Number of academic support staff (Technical) and administrative staff sanctioned and filled.

	Sanctioned	Filled
Technical	2	1
Administrative	2	2

16. Research Thrust areas as recognized by major funding agencies:

IYCF, Neonatology, Pediatric Hematology, HIV

17. Number of faculty with ongoing projects from a) National b) International Funding Agencies and c) Total grants received. Mention names of funding agencies and grants received project – wise

S. No	Name of Faculty	National Project, Funding agency & Grant Received (Duration of Project)	International Project, Funding Agency & Grant Received (Duration of Project)
	Dr MMA Faridi	<ol style="list-style-type: none"> <li>1. A multicentric, phase III clinical trial to assess the immunogenicity and reactogenicity of 'Diphtheria, Tetanus Acellular Pertussis Combined Vaccine, Adsorbed' administered to healthy infants at 6, 10 and 14 weeks of age. <b>Prosper Channel, Rs 4 lacs (2011-12)</b></li> <li>2. Immunogenicity &amp; Safety of early Vs delayed BCG vaccine in moderately preterm infants, GNCT Delhi. Rs 1 lac. 2012-13</li> <li>3. Immunogenicity of BIOVAC A-5 year follow up, Mediclin, 2012-13</li> <li>4. An Open label, Phase III, Multicentric Randomized controlled study to evaluate the safety and immunogenicity of</li> </ol>	Nil

		<p>Single dose Live Attenuated Varicella Vaccine (VR 795 varicella Oka strain) versus Varilrix Vaccine in healthy Indian children, <u>Wokhardt India</u>, Rs 3.8 lacs (2013-14)</p> <p>5. An Open label, Phase III, Multicentric Randomized controlled study to evaluate the safety and immunogenicity of Single dose Live Attenuated Varicella Vaccine (VR 795 varicella Oka strain) versus Varilrix Vaccine in healthy Indian children. Wokhardt, Rs 3 lac, 2012-13</p>	
	Dr Sunil Gomber	<p>1. Coagulation parameters and molecular markers in beta Thalassemia patients and effect of antithrombotic therapy on hypercoagulable state, <b>IMRG</b>, Rs 25,000/-</p> <p>2. UCMS IMRG, Rs.24,000/- in 2014-15</p>	Nil
	Dr Piyush Gupta	<p>1. Vitamin D supplementation for Severe Pneumonia in under Five Children: A Double blind Randomized Placebo Controlled Trial. (2012-2015). Funded by <b>ICMR</b>, <b>49 Lakhs</b>. Principal Investigator. Ongoing Project.</p>	Nil

		<p>2. Molecular diagnosis and characterization of drug resistance genes in M. tuberculosis from patients of tuberculous meningitis and its correlation with underlying host factors. (2012-2015). Funded by <b>ICMR, 49 Lakhs</b>. Co-Investigator. Ongoing Project.</p> <p>3. 1, <b>ICMR STS: Rs. 10,000</b></p>	
	Dr Anju Aggarwal	1, IMRG: Rs 7000/- (2011-12)	Nil
	Dr Dheeraj Shah	1, <b>DBT: Rs. 28 Lacs</b> 1, <b>ICMR:Rs. 40 Lacs</b> 1, <b>ICMR STS: Rs. 10,000</b>	Nil
	Dr Perna Batra	1 as co-investigator 3, <b>ICMR-STS (Rs 30,000)</b>	Nil
	Dr Pooja Dewan	1, UCMS (IMRG): <b>Rs 20,000</b> (2012-13): PI 1, <b>DBT: As Co Investigator, Rs 63 lacs</b> 1, <b>ICMR: As Co Investigator (2012-15): Rs 49 lac</b> 4, <b>ICMR-STS, Rs 40,000 (total)</b> 1, <b>IMRG, Rs 40,000, 2015-16</b>	Nil
	Dr Manish Narang	UCMS (IMRG) Rs. 25000 (2013-14) UCMS (IMRG) Rs. 24000 (2016-17)	Nil
	Dr Sushil Srivastava	Nil	Nil
	Dr Deepika Harit	Nil	Nil

18. Interinstitutional collaborative projects and associated grants received: Same as above

19. Departmental Projects funded by DST-FIST, DBT, ICSSR, etc. Total grants received.

1. Dr Dheeraj Shah: "Undiluted Animal Milk With Added Sugar and Micronutrients versus WHO Feeding Protocol for Management of Severe Acute Malnutrition in Non Breastfed Infants aged 2-6 months of age: A Randomized Controlled Trial.": Funded by **DBT, Rs 28 lac**

2. Dr. Piyush Gupta: Vitamin D supplementation for Severe Pneumonia in under Five Children: A Double blind Randomized Placebo Controlled Trial. (2012-2015). Funded by **ICMR, 49 Lakhs.**
3. Dr MMA Faridi: Immunogenicity & Safety of early Vs delayed BCG vaccine in moderately preterm infants, **GNCT Delhi. Rs 1 lac.** 2012-13

20. Research facility/centre with state/national/international recognition

1. Pediatric HIV Clinic: Recognized by DSACS
2. IYCF Centre: recognized by UNICEF, WHO, USAID, BPNI
3. Therapeutic Feeding Center

21. Special research Laboratories sponsored by industry/corporate bodies: NA

22. Publications (last five years)

	Journals	Mono graphs	Chapter s in Books	Editin g Books	Books with ISBN no & publishe r details	Citation index (Range, Average )	SJ R	Impac t factor	h- inde x
Dr MMA Faridi	35	-	6	1		922			21
Dr Sunil Gomber	22	-	5	1					
Dr Piyush Gupta	35	3	5	11	*				
Dr Anju Aggarwal	35								
Dr Dheeraj Shah	39		5	1		438			11
Dr Prerna Batra	16	0	2	0	0	131		1.3	6
Dr Pooja Dewan	19	1	12	1	0	146		1.7	9
Dr Manish Narang	20	0	8	1	1 Jaypee	324		1.8	9
Dr Sushil Srivastava	0	0	0	0	0	0	0	0	
Dr Deepika Harit	6							0.8	

**TEXTBOOKS**

\*DR PIYUSH GUPTA

Books Name	ISBN No	Publisher	Year of Publication
1. How to Write Thesis and Thesis Protocol	978-93-5152-301-7	Jaypee Brothers, Delhi	2014
2. Clinical Methods in Pediatrics, 3 <sup>rd</sup> Edition	978-81-239-2414-4	CBS Publishers, Delhi	2014
3. Textbook of Pediatrics	978-81-239-2307-9	CBS Publishers, Delhi	2013
4. Principles of Medical education, 4 <sup>th</sup> Edition	978-93-5090-409-1	Jaypee Brothers, Delhi	2013
5. IAP Textbook of Pediatrics, 5 <sup>th</sup> Edition	978-93-5052-945-0	Jaypee Brothers, Delhi	2013
6. IAP Color Atlas of Pediatrics	978-93-5025-710-4	Jaypee Brothers, Delhi	2012
7. Essential Pediatric Nursing, 3 <sup>rd</sup> Edition	978-81-239-2044-3	CBS Publishers, Delhi	2011
8. Clinical Methods in Pediatrics, 2 <sup>nd</sup> Edition	978-81-239-1983-6	CBS Publishers, Delhi	2011
9. The Best of Indian Pediatrics for Practitioners	978-81-910717-0-2	CBS Publishers, Delhi	2010
10. Textbook of Preventive and Social Medicine, 3 <sup>rd</sup> Edition	978-81-239-1921-8	CBS Publishers, Delhi	2010
11. IAP Textbook of Pediatrics and Neonatal Emergencies, 3 <sup>rd</sup> Edition	978-81-8448-950-7	Jaypee Brothers, Delhi	2010

Dr Anju Aggarwal Textbook on “Childhood Disability”, 2012

Dr Sunil Gomber: Instant Pediatrics. 2<sup>nd</sup> Edition. 2011. Eds. Gomber S, Agarwal KN. Jaypee Brothers, New Delhi.

Dr MMA Faridi. Neonatology Made Easy, Jaypee Brothers, ISBN: 978-93-5090-421-3

Dr Manish Narang . Approach to Practical Pediatrics 2<sup>nd</sup> Edition. Jaypee Brothers: New Delhi; 2011. ISBN: 978-93-5025-093-8

23. Details of patents and income generated.

N/A

24. Areas of consultancy and income generated.

**Dr MMA Faridi: Lactation Consultant for IYCF: Rs 1.5 lac**

25. Faculty selected nationally/ internationally to visit other laboratories/institutions/industries in India and abroad: Dr. MMA Faridi, Dr. Piyush Gupta
26. Faculty serving in National Committees, International Committees, Editorial Boards  
 Dr.MMA Faridi  
 Dr. Sunil Gomber  
 Dr.Piyush Gupta  
 Dr. Anju Agarwal  
 Dr. Dheeraj Shah  
 Dr. Manish Narang  
 Dr.Pooja Dewan
27. Faculty recharging strategies  
**In-service training programmes**
28. Student Projects :
- Percentage of students who have done in – house projects including inter – departmental: Nil
  - Percentage of students doing projects in collaboration with industries / institutes: N/A
29. Awards / Recognitions received at the National and International level by :
- Faculty
  - Doctoral / Post doctoral Fellows
  - Students

## FACULTY

	National	International
Dr MMA Faridi	Elected Executive Board Member of Indian Academy of Pediatrics(IAP):2013 Vice President-IYCF Chapter IAP:2013	
Dr Sunil Gomber	1. President, Indian Academy of Paediatrics (Delhi Branch) 2012 2. Awarded Vishisht Chikitsa Ratan Award by DMA in 2016	
Dr Piyush Gupta	3. Awarded Fellowship	



	<p>of National Academy of Medical Sciences (FAMS), New Delhi 2011.</p> <ol style="list-style-type: none"> <li>4. KL Wig Oration, National Academy of Medical Sciences, AIIMS Rishikesh, 18 October 2014.</li> <li>5. Dr T Yadhya Goud Memorial Oration, Indian Academy of Pediatrics, Twin City Branch, Hyderabad and Secunderabad, Hyderabad. 27 Sep 2014.</li> <li>6. Convocation Address (as Chief Guest). CMC- L FAIMER Fellowships in Medical Education Annual convocation, Ludhiana, Feb 11, 2013.</li> <li>7. BN Das Oration, Indian Academy of Pediatrics, Bihar Branch. Patna, Bihar. March 2013.</li> <li>8. Sisir K Bose Oration, Institute of Child Health, Kolkata, West Bengal. September 19, 2012.</li> <li>9. Theme Oration, 39th Annual Conference of IAP, Kerala Branch; Kollam, Kerala. 6-7 Nov 2010.</li> </ol>	
Dr Anju Aggarwal	<ol style="list-style-type: none"> <li>1. Elected <b>Executive Member of Indian Academy of Pediatrics (National )</b> 2011 - IAP is an association of 17,000</li> </ol>	

	<p>pediatricians all over India and two executive members are elected from Delhi each year.</p> <p><b>2. Vice President IAP Delhi State Branch-2012</b></p>	
Dr Dheeraj Shah	<ul style="list-style-type: none"> <li>• Editor-in-Chief, Indian Pediatrics (2014-2017)</li> <li>• Registrar, Indian College of Pediatrics (2014-2017)</li> <li>• Member, Technical Advisory Group for Inter-ministerial Alliance for Management of Children with Severe Acute Malnutrition. Department of Biotechnology, Government of India (2012-2014)</li> <li>• Member, Expert Group for Validation of OSCE, National Board of Examinations (2012)</li> <li>• Member, technical subgroup for finalization of Operational &amp; Technical Guidelines on Community Based Management of Severely Malnourished Children. Ministry of Health, Government of India (2012-13)</li> <li>• Seth Tarsem Garg Oration (2010)</li> </ul>	<ul style="list-style-type: none"> <li>• Membership of WHO Expert Group on Management of Persistent Diarrhea in Children (2014)</li> </ul>

Dr Prerna Batra	<ol style="list-style-type: none"> <li>1. James Flett Award (2013): first prize</li> <li>2. 3<sup>rd</sup> prize (oral paper) in <b>7<sup>th</sup> INDO US Summit on Emergency Medicine 2011</b></li> <li>3. 2<sup>nd</sup> prize in <b>Pulse 2012 at AIIMS , New Delhi</b>, in Oral paper presentation</li> </ol>	<ol style="list-style-type: none"> <li>1. Fellow of Academic College of Emergency experts in India (FACEE)</li> </ol>
Dr Pooja Dewan	<ol style="list-style-type: none"> <li>1. 2015: SS Manchanda Award (First prize) for best paper in Neonatology</li> <li>2. 2014: <i>Dr James Flett Endowment Award (First Prize)</i> for best paper in Social and Preventive Pediatrics</li> <li>3. 2013: UGC Travel Grant</li> <li>4. 2013: <i>V Balagopal Raju Award (First Prize)</i> for best paper in Child Health</li> <li>5. 2012: <i>Membership of National Academy of Medical Sciences in Pediatrics</i></li> <li>6. 2011: <i>Dr James Flett Endowment Award (Second Prize)</i> for best paper in Social and Preventive Pediatrics</li> </ol>	2014: <i>Royal College of Paediatrics and Child Health Visiting Fellowship (UK)</i>
Dr Manish Narang	<ul style="list-style-type: none"> <li>• Editor in Chief, Journal of Case Reports (2011-2015)</li> <li>• Awarded Membership National Academy of Medical Sciences- 2014</li> <li>• Appreciation Award from GTB Hospital on</li> </ul>	

	National Doctors Day: 2011-2012	
Dr Sushil Srivastava	National trainer for Advanced NR India, Facility based newborn care program, IMNCI (State level), Essential newborn care WHO AIIMS Collaborative group National faculty for quality assessment and accreditation of neonatal care units National faculty for developmental supportive care in newborn care	-

## STUDENTS

### 2011

1. Dr Vikas Jain: James Flett Award

### 2012

1. Dr. Soumi Bhattacharya: VB Raju Award

### 2013

1. Dr. Ruchita Negi – V.B. Raju Award
2. Dr. Pawan Barolia – James Flett Award

### 2014

1. Dr. Sakshi Sachdeva - James Flett Award
2. Dr. Prachi Jain - V.B. Raju Award
3. Dr. Mohit Sethi - V.B. Raju Award
4. Dr. Megha Saroha – S.T. Achar Award
5. Dr. Shrishail Gigaganti – NEOCON (Gold Medal Category)

### 2015

1. Dr Smriti Rohatgi: SS Manchanda Award
2. Dr Kanika Singh: VB Raju Award
3. Dr Jeevan Kinkar: VB Raju Award
4. Dr Prasanna Naik: ST Achar Award
5. Dr Ritika Khurana & Dr Parul Gupta: Won Neonatology National Quiz for PGs (1<sup>st</sup> Prize)
6. Dr Parul Gupta & Dr Jeevan Kinkar: won IAP National Quiz for PGs (1<sup>st</sup> Prize)

## 2016

1. Dr. Varun Alwadi won James Flett Award at IAP Hyderabad held in January 2016.
2. Dr. Chandrika Verma

30. Seminars / Conferences /Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Dr Faridi: 8 workshops in FBNC, IYCF, NRP since 2010

Dr Piyush Gupta: More than 30 Workshops Organized on Medical Education, Art and Science of Paper Writing, Child Survival, Diarrhea, and Pneumonia in last 5 years.

Dr Prerna Batra: Pediatric Advanced Life Support program in September 2014

Dr Dheeraj Shah: Workshop on Art and Science of Writing a Paper at Indraprastha Apollo Hospital, New Delhi on November 8-9, 2014.

Dr Sunil Gomber: Clinical Course on Clinical Examination for Post-graduates, UCMS & GTBH: 2011, 2012, 2013, 2014, 2015,2016

31. Code of Ethics followed by departments

As per International Conference on Harmonization- Good Clinical Practice (ICH-GCP) guidelines for assuring proper study conduct with regard to protocol adherence and validity of the data recorded on the CRFs.

32. Student Profile course – wise :NA

Name of the Course (refer question no. 2)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female

33. Diversity of Students

Over last 5 years

Name of the Course (refer question no. 2)	% of Students from the college	% of Students from the State	% of Students from other States	% of Students from other Countries
MD	2 out of 36 (3%)	9 out of 36 (25%)	75%	0%
DCH	2 out of 15 (12%)	3 out of 15 (18%)	82%	0

34. How many students have cleared Civil Services, Defence Services, NET, SLET, GATE and any other competitive examinations ?

NIL

35. Student Progression :NA

Student Progression	Percentage against enrolled
UG to PG	
PG to M.Phil	
PG to Ph.D	
Ph.D to Post – Doctoral	
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurs	

**100% pass rate for MD (All in first attempt)**

**100% pass rate for DCH (93% passed in first attempt)**

36. Diversity of Staff :

Percentage of faculty who are graduates	
Of the same parent university	60%
From other universities within the State	-
From other universities from other States	40%

37. Number of faculty who were awarded Ph.D, D.Sc. and D.Litt. during the assesment period.

Nil

38. Present details about infrastructural facilities :

- a) Library: Departmental Library exists with around 100 textbooks in Pediatrics
- b) Internet facilities for staff and students: 11 computers with internet facilities for faculty & students in the Department
- c) Total number of class rooms: 1 seminar room in ward and 1 demonstration room in OPD
- d) Class rooms with ICT facility:
- e) Students laboratories: 1 Lab in ward and 1 in NICU
- f) Research laboratories: 1 room designated for research in ward

39. List of post-doctoral students and Research Associates NA

40. Number of Postgraduate students of the department getting financial assistance from college.

For thesis: 37% in last 5 years

41. Was any need assesment excercise undertaken before the developed of new programme (s) ? Of so, give the methodology.

N/A

42. Does the department obtain feedback from :

a) Faculty on curriculum as well as teaching – learning – evaluation ? If yes, how does department utilize it ?

**Written and verbal feedback is given by faculty to the HOD on regular basis to improve teaching and on use of innovative teaching methods for UG/PG teaching**

b) Students on staff, curriculum as well as teaching – learning – evaluation and what is the response of the department to the same ?

**No feedback on staff.**

**Students give feedback on curriculum and teaching-learning methods regularly, accordingly, classes/structured teaching is modified.**

c) Alumni and employers on the programmes and what is the response of the department to the same ?

**Feedback is taken from MS and Principal esp regarding unconventional teaching methods adopted by Department.**

43. List the distinguished alumni of the department (maximum 10).

**Distinguished Faculty: Dr OP Ghai, Dr KN Agarwal**

44. Give details of student enriched programmes (special lectures / workshops / seminars) with external experts. (Since 2010)
- 1. Dr Anju Virmani (India): Diabetes Lecture:2015, 2016**
  - 2. Dr Adity Rakhecha (UK): Neonatology Lecture: 2014**
  - 3. Dr OP Mishra (India): Pediatric Nephrology:2014**
  - 4. DR Harpreet (WHO): AFP Surveillance: 2013**
  - 5. Dr Sidharth Sethi (India): Pediatric Nephrology:2013**
  - 6. Dr Ramandeep Arora (USA): Pediatric Cancer: 2011**
45. List the teaching methods adopted by the faculty for different programmes.
- Hands-on and bedside teaching, PG lectures, seminars, grand rounds, journal clubs, mortality audit, CPC**
- Involvement of Residents in UG & PG teaching activities**
- Innovative methods**
- 1. e-learning modules**
  - 2. Quiz competitions**
  - 3. OSCE, OSLER**
  - 4. Mini-CEX**
  - 5. Formative assessment**
46. How does the department ensure that programme objectives are constantly met and learning outcomes monitored ?
- 1. Regular appraisal (formative and summative) of PG and UG students enables us to assess success of our teaching strategies.**
  - 2. Feedback from students allows us to incorporate strategies to meet our learning objectives**
  - 3. Continuous motivation of Residents in research and scientific paper writing enables the department to maintain high standards**
  - 4. Monitoring of prescription of patients written by residents**
47. Highlight the participation of students and faculty in extension activities.

All faculty members are actively involved in the various sub-speciality chapters of the Indian Academy of Pediatrics; this has fostered departmental and individual growth.

Various governmental programs like FBNC, IYCF, AFP surveillance, JSSK, Pulse polio campaign, Mission Indradhanush, etc are being actively promoted by faculty.



48. Give details of “beyond syllabus scholarly activities” of the department.
1. **Biomedical editing:** Dr Piyush Gupta served as Editor-in-Chief of Indian Pediatrics, official publication of IAP from 2008-2014. Dr Dheeraj Shah has taken over the charge as Editor-in-Chief of Indian Pediatrics, official publication of IAP in 2015. Dr. Manish Narang is Editor-in-Chief of Journal of Case Reports since 2011. Rest of the faculty members are also involved in various editorial capacities in several national and international journals.
  2. **IYCF Counselling & training of health professionals:** Dr Faridi is a world renowned expert
  3. **Medical Education:** Dr Piyush Gupta & Dr Dheeraj Shah are experts & members of MEU, UCMS.
  4. All senior faculty are members of expert committees of government like UPSC, ICMR, NIPCED, NIPI, DCGI.

49. State whether the programme / department is accredited / graded by other agencies. Give details.

**PG Program is recognized by Medical Council of India**

**NICU: accredited by NNF**

50. Briefly highlight the contributions of the department in generating new knowledge basic or applied.

Professor MMA Faridi, Professor Sunil Gomber and Professor Piyush Gupta are Resource Person to Ministry of Health and Ministry of Women & Child Development, Govt. of India, Govt. of NCT Delhi, National AIDS Control Organization, NIPPCD, Medical Council of India, ICMR, National Board of Examination, WHO, UNICEF, IBFAN, WABA, IAP & BPNI, Professor MMA Faridi and Professor Sunil Gomber have been decorated with State Award of Govt. of NCT Delhi.

Professor Dheeraj Shah is the Editor-in-Chief of Indian Pediatrics, Prof. Manish Narang is Editor-in-Chief of Journal of Case Reports and Dr. Anju Aggarwal, Professor is a resource person to IAP and Govt. of NCT Delhi. Indian Academy of Pediatrics has conferred Fellowship on Prof. MMA Faridi, Prof. Sunil Gomber, Prof. Piyush Gupta and Prof. Anju Aggarwal in view of their contributions to the specialty. Professors in the department have obtained National and International fellowships like Indo-US Faculty Exchange Fellowship, WHO Fellowship in Hematology, Oncology, UK, Visiting Fellowship, RCPCH, UK, HEINZ Fellowship, UK, HRD fellowship in Pediatric Gastroenterology and WHO/IBFAN sponsored visits to Thailand, Manila and Timore-Leste.

51. Detail any five strengths, weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>STRENGTHS</b>	Dedicated and sincere faculty
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	<p>Excellent team work  Academic freedom  Plenty of clinical material  Research quality is excellent</p>
<b>WEAKNESSES</b>	<p>Lack of good infrastructure  Short of manpower (doctors, nurses, other staff)  Over-crowding of patients  Development of specialities like pediatric cardiology, nephrology is needed.  Stagnation of faculty and poor promotional scheme of university</p>
<b>OPPORTUNITIES</b>	<p>Scope for good research due to good patient load and turnover  Provision of study leave and skill upgradation workshops</p>
<b>CHALLENGES</b>	<p>Development of sub-specialities  Augmentation of manpower  Procurement of equipment like echo machines, pediatric dialysis facilities  Superspeciality development: Introduction of DM course in Neonatology</p>

52. Future plans of the department.

1. Development of sub-specialties
2. Recruitment of manpower (faculty and residents)
3. Development of Pediatric Emergency Block
4. Procurement of equipment
5. Super specialty development: Introduction of DM course in Neonatology

**PUBLICATIONS**

**DR. MMA FARIDI**

Mittal H, **Faridi MM**, Arora SK, Patil R. Clinicohematological Profile and Platelet Trends in Children with Dengue During 2010 Epidemic in North India. Indian J. Pediatr, 2011.

Khalil S, Shah D, **Faridi MM**, Kumar A, Mishra K. Prevalence and outcome of hepatobiliary dysfunction in neonatal septicaemia. J Pediatr Gastroenterol Nutr. 2012 Feb; 42 (2): 218-22.

Gupta P, **Faridi MM**, Batra M. Physiological skin manifestations in twins: association with maternal and neonatal factors. Pediatr Dermatol. 2011 Jul-Aug 28(4):387-92.

Aggarwal A, Kaur G, **Faridi MM**, Harit D. Breastfeeding-what do father's of first born know and think? Indian J Pediatr. 2011 Sep;78(9):1157-8. Epub 2011.

Aggarwal A, Kaur G, **Faridi MM**, Harit D. Breastfeeding-what do father's of first born know and think? Indian J Pediatr. 2011; 78:1157-8.

Batra P, Saha A, **Faridi MA**. Thermometry in children. J Emerg Trauma Shock 2012;5:246-9

Dewan P, Rai A, Gupta N, Shah D, **Faridi MM**. A rare lethal case of chondrodysplasia punctata with extensive airway involvement. Fetal Pediatr Pathol. 2012;31(3):134-9.

Mittal H, **Faridi M. M. A.**, Arora SK, Patil R. Clinicohematological Profile and Platelet Trends in Children with Dengue During 2010 Epidemic in North India. Ind J Pediatr April 2012.

Soni S, Wadhwa N, Kumar R, **Faridi MM**. Use of immature-to-total-neutrophilratio in early neonatal sepsis. Pediatr Infect Dis J. 2012 Oct. 13 (10): 1101-2.

Kumar V, Aggarwal A, Sharma S, Chillar N. Mittal H, **Faridi MM**. Indian Pediatr. 2013 May 8;50(5): 469-72, Epub 2012 Nov 5.

Grover A, Mittal H, **Faridi MMA**. Utility of C - reactive protein in Febrile Children with Clinically Undetectable Serious Infection. J Global Infect Dis Feb , 2013;5:34.

GroverA, Mittal H, **Faridi M**, Sikka M, Singh NP. J Glob Infect Dis. 2013 Jan; 51 (1):34.

Thawani R, Dewan P, **Faridi MM**, Arora SK, Kumar R. Estimation of gestational age, using neonatal anthropometry: a cross-sectional study in India. *J Health Popul Nutr.* 2013 Dec;31(4):523-30.

**Faridi MM**, Dewan P, Batra P. Rusty pipe syndrome: counselling a key intervention. *Breastfeed Rev.* 2013 Nov;21(3):27-30.

Harne P, Batra P, Faridi MM, Dewan P. *Breastfeed Med.* 2013 Dec;8(6):511-2.

Omer-Salim A, Suri S, Dadhich JP, **Faridi MM**, Olsson P. Theory and social practice of agency in combining breastfeeding and employment: A qualitative study among health workers in New Delhi, India. *Women Birth.* 2014 Aug 6.

Kalra S, Aggarwal A, Chillar N, **Faridi MM**. Comparison of Micronutrient Levels in Children with Cerebral Palsy and Neurologically Normal Controls. *Indian J Pediatr.* 2014 Aug 9.

Roy P, Kumar A, Kaur IR, **Faridi MM**. Gender differences in outcomes of low birth weight and preterm neonates: the male disadvantage. *J Trop Pediatr.* 2014 Aug 5.

Gupta P, **Faridi MM**, Goel N, Zaidi ZH. Reappraisal of twinning: epidemiology and outcome in the early neonatal period. *Singapore Med J.* 2014 Jun;55(6):310-7.

Choudhary M, Suneja A, Vaid NB, Guleria K, **Faridi MM**. Maintenance tocolysis with oral micronized progesterone for prevention of preterm birth after arrested preterm labor. *Int J Gynaecol Obstet.* 2014 Jul;126(1):60-3.

**Faridi MM**, Dewan P, Batra P. Rusty pipe syndrome: counselling a key intervention. *Breastfeed Rev.* 2013 Nov;21(3):27-30.

Shah D, Singh M, Gupta P, **Faridi MM**. Effect of sequencing of complementary feeding in relation to breast-feeding on total intake in infants. *J Pediatr Gastroenterol Nutr.* 2014 Mar;58(3):339-43.

Dewan P, Gidaganti S, **Faridi MM**, Batra P, Sudhanshu S. Unusual cause of hypocalcemic seizures in a neonate. *Indian J Pediatr.* 2014 Aug;81(8):831-2.

Dadhich JP, **Faridi MM**. Maternal and child nutrition. *Lancet.* 2013 Nov. 9;382(9904):1549.

Narang Y, Vaid NB, Jain S, Suneja A, Guleria K, **Faridi MM**, Gupta B. Is nuchal cord justified as a cause of obstetrician anxiety? Arch Gynecol Obstet. 2014. Apr;289(4):795-801.

### **DR. SUNIL GOMBER**

Dewan P, **Gomber S**, Chawla H, Rohatgi J. Ocular changes in multi-transfused children with  $\beta$ -thalassaemia receiving desferrioxamine: A case-control study. SAJCH. 2011;5(1):11-5.

Aggarwal A, Ghosh A, **Gomber S**, Mitra M, Parikh AO. Efficacy and safety of azithromycin for uncomplicated typhoid fever: an open label non-comparative study. Indian Pediatr, 2011; 48:553-6.

Dewan P, Kaushik JS, **Gomber S**, Gupta A. Uncommon presentation of neurocysticercosis. SAJCH. 2011;5(2):58-9.

Batra P, Gupta S, **Gomber S**, Saha A. Predictors of meningitis in children presenting with first febrile seizures. Pediatr Neurol. 2011 Jan; 44(1):35-9.

Dewan P, **Gomber S**, Chawla H, Rohatgi J. Ocular changes in multi-transfused children with  $\beta$ -thalassaemia receiving desferrioxamine: A case-control study. SAJCH. 2011;5(1):11-5.

Dewan P, Kaushik JS, **Gomber S**, Gupta A. Uncommon presentation of neurocysticercosis. SAJCH. 2011;5(2):58-9.

Kaushik JS, **Gomber S**, Dewan P. Clinical and epidemiological profiles of severe malaria in children from Delhi, India. J Health Popul Nutr. 2012;30(1):113-6.

Dewan P, **Gomber S**, Das S. Congenital tuberculosis: a rare manifestation of a common disease. Paediatr Int Child Health. Epub 2013 Dec 6.

Choudhary N, **Gomber S**, Narang M. Clinico-Immunological profile and Outcome of Anti Retroviral Therapy in HIV positive children. Public Health Nutrition 2013.

### **DR. PIYUSH GUPTA**

Yadav CS, Bajpai M, Kumar V, Datta SK, **Gupta P**, Ahmed RS, Banerjee BD. Polymorphisms in the P450 c17 (17-Hydroxylase/17, 20-Lyase) Gene: association with estradiol and testosterone concentration in hypospadias. *Pediatric Urol* 2011; doi:10.1016/j.urolgy.2011.04.021.

Gogia S, Ramji S, **Gupta P**, Gera T, Shah D, Mathew JL, Mohan P, Panda R. Community Based Newborn Care: A Systematic Review and Meta-analysis of Evidence: UNICEF-PHFI Series on Newborn and Child Health, India. *Indian Pediatr.* 2011;48:537-546.

Mathew JL, Patwari AK, **Gupta P**, Shah D, Gera T, Gogia S, Mohan P, Panda R, Menon S. Acute respiratory infection and pneumonia in India: a systematic review of literature for advocacy and action: UNICEF-PHFI series on newborn and child health, India. *Indian Pediatr.* 2011;48:191-218.

Mathew JL, Shah D, Gera T, Gogia S, Mohan P, Panda R, Menon S, **Gupta P**. UNICEF-PHFI Series on newborn and child health, India: methodology for systematic reviews on child health priorities for advocacy and action. *Indian Pediatr.* 2011;48:183-9.

Fate of Award Winning Papers at Annual Conference of Indian Academy of Pediatrics a 13 years Experience. Hema Mittal, Piyush Gupta .Indian J Pediatr. 2011 Oct 29;:

Dewan P, Jain V, **Gupta P**, Banerjee BD. Organochlorine pesticide residues in maternal blood, cord blood, placenta, and breastmilk and their relation to birth size. *Chemosphere.* 2013;90(5):1704-10.

Dewan P, **Gupta P**. Burden of Congenital Rubella Syndrome (CRS) in India: a systematic review. *Indian Pediatr.* 2012;49(5):377-99.

**Gupta P**, Dewan P, Singh T. Objective Structured Clinical Examination in Resource Poor Settings. In: Singh T and Anshu, editors. Principles of Assessment in Medical Education. New Delhi: Jaypee Brothers; 2012.p. 128-48.

Shah D, Choudhury P, **Gupta P**, Mathew JL, Gera T, Gogia S, Mohan P, Panda R, Menon S. Promoting appropriate management of diarrhea: a systematic review of literature for advocacy and action: UNICEF-PHFI series on newborn and child health, India. *Indian Pediatr.* 2012;49(8):627-49.

Choudhary N, **Gupta P**. Vitamin D supplementation for severe pneumonia--a randomized controlled trial. *Indian Pediatr.* 2012 Jun;49(6):449-54.

Yadav CS, Bajpai M, Kumar V, **Gupta P**, Ahmed RS, Banerjee BD. Polymorphism in CYP1A1, GSTM 1, GSTT1 genes and organochlorine pesticides in the etiology of hypospadias. *Hum Exp Toxicol.* 2011 Oct;30(10):1464-74.

Shah D, Giri M, **Gupta P**. Citation classics from Indian Pediatrics. *Indian Pediatr.* 2013; 50: 61-67.

Dewan P, **Gupta P**. Burden of Congenital Rubella Syndrome (CRS) in India: a systematic review. *Indian Pediatr.* 2012;49:377-99.

**Gupta P**. 50 glorious years: celebrating the future. *Indian Pediatr.* 2013;50:9-14.

**Gupta P**, Vashishtha VM. The games industry plays. Indian Pediatr. 2012;49:699.

**Gupta P**, Mishra D. Impact factor 2011 and random musings. Indian Pediatr. 2012;49:609.

Mishra D, **Gupta P**. Where it all began! With Sisir K Bose!! Oh...at Calcutta!!! Indian Pediatr. 2013;50:25-37.

### **DR. ANJU AGGARWAL**

Rai A, **Aggarwal A**, Mittal H, Sharma S. Comparative efficacy and safety of intravenous valproate and phenytoin in children. Pediatr Neurol. 2011;45:300-4.

**Aggarwal A**, Rastogi N, Mittal H, Chillar N, Patil R. Thyroid hormone levels in children receiving carbamazepine or valproate. Pediatr Neurol, 2011; 45:159-62.

**Aggarwal A**, Datta V, Thakur LC. Quality of Life in Children with Epilepsy. Indian Pediatr. 2011; 48; 893-896.

Debnath SK, **Aggarwal A**, Mittal H. Megaloblastic anemia--a rare cause. Indian J Pediatr., 2011;78:1293-5.

**Aggarwal A**, Kaur G, Faridi MM, Harit D. Breastfeeding-what do father's of first born know and think? Indian J Pediatr. 2011; 78:1157-8.

**Aggarwal A**, Ghosh A, Gomber S, Mitra M, Parikh AO. Efficacy and safety of azithromycin for uncomplicated typhoid fever: an open label non-comparative study. Indian Pediatr, 2011; 48:553-6.

Aneja S, **Aggarwal Anju**. Acute Bacterial Meningitis: Issues and Controversies. In Advances In Pediatrics. Eds Anupam Sachdeva et al. Jaypee Brothers, Delhi, 2012, pp-1028-1037.

**Aggarwal Anju**, Harit D. Cerebral Palsy – evaluation and prognostication. In Childhood Disability- A Pediatrician's Perspective. Aggarwal A, Kamath SS, Sukumaram TU. Eds. IAP National Publishing House, Gwalior. 2012,pp-81-90.

Rastogi Neha, **Aggarwal Anju**. Pharmacotherapy. In Childhood Disability- A Pediatrician's Perspective. Aggarwal A, Kamath SS, Sukumaram TU. Eds. IAP National Publishing House, Gwalior. 2012, pp 238-244.

Comparative efficacy and safety of intravenous valproate and phenytoin in children.  
Anuradha Rai, **Anju Aggarwal**, Hema Mittal, Sangeeta Sharma Pediatr Neurol. 2011 Sep ;45 (3):159-62

Thyroid hormone levels in children receiving carbamazepine or valproate. **Anju Aggarwal**, Neha Rastogi, Hema Mittal, Neelam Chillar, Rahul Patil *Pediatr Neurol.* 2011 Sep ;45 (3):159-62

Megaloblastic Anemia-A Rare Cause. Sanjib Kr Debnath, **Anju Aggarwal**, Hema Mittal. *Indian J Pediatr.* 2011

Kumar V, **Aggarwal A**, Sharma S, Chillar N, Mittal H, Faridi MM. Effect of Carbamazepine Therapy on Homocysteine, Vitamin B12, Folic Acid Levels in Children with Partial Epilepsy. *Indian Pediatr.* 2012 Nov 5. doi:pii: S097475591200685

Arora SK, **Aggarwal A**, Mittal H. Dengue encephalitis in children. *J Neurosci Rural Pract.* 2012;3:228-9.

Kalra S, **Aggarwal A**. Hemophagocytic lymphohistiocytosis as presenting feature of lupus. *Indian Pediatr.* 2012 ;49:993.

Kashyap B, Das S, Jain S, **Aggarwal A**, Kaushik JS, Kaur IR. Correlation between the clinico radiological heterogeneity and the immune-inflammatory profiles in pediatric patients with neurocysticercosis from a tertiary referral centre. *J Trop Pediatr.* 2012 ;58:320-3

Arora SK, **Aggarwal A**, Mittal H. Dengue encephalitis in children. Accepted by *J Neurosci Rural Pract*, 2012 :3;228-9.

**Aggarwal A**, Mittal H, Patil R, Debnath S, Rai A. Clinical profile of children with developmental delay and microcephaly. *J Neurosci Rural Pract.* 2013;4:288-91.

Bang GC, Mittal H, **Aggarwal A**. Subdural effusion in infantile tremor syndrome. *J Pediatr Neurosci.* 2013;8:82-3.

Kumar V, **Aggarwal A**, Sharma S, Chillar N, Mittal H, Faridi MM. Effect of carbamazepine therapy on homocysteine, vitamin B12 and folic acid levels in children with epilepsy. *Indian Pediatr.* 2013 , 8;50:469-72.

**Aggarwal A**, Mittal H, Debnath SKR, Rai A. Neuroimaging in cerebral Palsy- Report from North India. *Iran j Child Neurol.* 2013,7:41-46

Kalra S, **Aggarwal A**, Chillar N, Faridi MM. Comparison of Micronutrient Levels in Children with Cerebral Palsy and Neurologically Normal Controls. *Indian J Pediatr.* 2014 Aug 9. [Epub ahead of print] PubMed PMID: 25106843.

Arora SK, **Aggarwal A**, Datta V. Giant primary cerebral hydatid cyst: A rare cause of childhood seizure. *J Pediatr Neurosci.* 2014;9(73-5).



Arora SK, **Aggarwal A**, Mittal H. Impact of an educational film on parental knowledge of children with cerebral palsy. *Int J Pediatr.* 2014;2014,573698.

### **DR. DHEERAJ SHAH**

Gogia S, Ramji S, Gupta P, Gera T, **Shah D**, Mathew JL, Mohan P, Panda R. Community Based Newborn Care: A Systematic Review and Meta-analysis of Evidence: UNICEF-PHFI Series on Newborn and Child Health, India. *Indian Pediatr.* 2011;48:537-546.

Mathew JL, Patwari AK, Gupta P, **Shah D**, Gera T, Gogia S, Mohan P, Panda R, Menon S. Acute respiratory infection and pneumonia in India: a systematic review of literature for advocacy and action: UNICEF-PHFI series on newborn and child health, India. *Indian Pediatr.* 2011;48:191-218.

Mathew JL, **Shah D**, Gera T, Gogia S, Mohan P, Panda R, Menon S, Gupta P. UNICEF-PHFI Series on newborn and child health, India: methodology for systematic reviews on child health priorities for advocacy and action. *Indian Pediatr.* 2011;48:183-9.

Khalil S, **Shah D**, Faridi MM, Kumar A, Mishra K. Prevalence and outcome of hepatobiliary dysfunction in neonatal septicaemia. *Pediatric Gastroenterology and Nutrition.* 2012;54:218-22.

Sachdev HPS., **Shah D**. Kangaroo mother care to reduce morbidity and mortality in low-birth-weight infants. The WHO Reproductive Health Library 2011(September); Geneva: World Health Organization.

Shah GS, Singh MK, **Shah D**. Clinical and Biochemical Profile of Acute Liver Failure with Hepatic Encephalopathy in Children from Eastern Nepal. *Journal of Nepal Pediatric Society* 2011;31:89-92.

Shah GS, Shrivastava MK, **Shah D**, Gupta N. Achondroplasia: Case Report and Review of Literature. *Journal of Nepal Pediatric Society* 2011;31:224-6.

**Shah D**. Book Review: FAQs on Vaccines and Immunization Practices. *Indian Pediatrics.* 2011;48:830.

**Shah D**, Sachdev HPS. Vitamin B Complex Deficiency and Excess. In: Kliegman RM Stanton BF Geme JS, Schor N, Behrman RE, editors. *Nelson Textbook of Pediatrics*, 19<sup>th</sup> Edition. Elsevier: Philadelphia, 2012.

**Shah D**, Choudhury P, Gupta P, Mathew JL, Gera T, Gogia S, Mohan P, Panda R, Menon S. Promoting appropriate management of diarrhoea: a systematic review of literature for advocacy and action: UNICEF-PHFI series on newborn and child health, India. *Indian Pediatr.* 2012;49(8):627-49.

**Shah D**, Giri M, Gupta P. Citation classics from Indian Pediatrics. *Indian Pediatr.* 2013; 50: 61-67.

Gera T, **Shah D**, Garner P, Sachdev HS. Integrated Management of Childhood Illness (IMCI) Strategy for children under five: effects on death, service utilisation and illness (Protocol). *Cochrane Database of Systematic Reviews* 2012:9: CD010123.

Shah GS, Dutta AK, **Shah D**, Mishra OP. Role of zinc in severe pneumonia: a randomized double blind placebo controlled study. *Ital J Pediatr.* 2012;38:36.

Dewan P, Rai A, Gupta N, **Shah D**, Faridi MM. A rare lethal case of chondrodysplasia punctata with extensive airway involvement. *Fetal Pediatr Pathol.*;31(3):134-9.

Shekhar S, **Shah D**. Validation of mid upper arm circumference cut offs to diagnose severe wasting in Indian children. *Indian Pediatr.* 2012;49:496-7.

Lodha R, **Shah D**. Prevention of rotavirus diarrhea in India: is vaccination the only strategy. *Indian Pediatr.* 2012;49(6):441-3.

### **DR. PRERNA BATRA**

Arora SK, **Batra P**, Sharma T, Banerjee BD, Gupta S. Role of organochlorine pesticides in children with idiopathic seizures. *ISRN Pediatr.* 2013 Dec 3;2013:849709.

Harne P, **Batra P**, Faridi MM, Dewan P. Optimal infant and young child feeding practices among working women: a challenge. *Breastfeed Med.* 2013 Dec;8(6):511-2. doi: 10.1089/bfm.2013.0020.

**Batra P**, Goyal S. "Comparison of rectal, axillary, tympanic, and temporal artery thermometry in the pediatric emergency room"--reply. *Pediatr Emerg Care.* 2013 Jul;29(7):877.

Jhajharia A, **Batra P**, Shah D, Gupta P. Zinc supplementation for severe bronchiolitis: A randomized Controlled Trial. *AMJ* 2013; 6, 11, 549-555.

Rai A, Khalil S, **Batra P**, Gupta SK, Bhattacharya S, Dubey NK, Mehra N, Saha A. Electrical Injuries in Urban children in New Delhi. *Pediatr Emerg Care*. 2013 Mar;29(3):342-5.

**Batra P**, Goyal S. Comparison of rectal, axillary, tympanic, and temporal artery thermometry in the pediatric emergency room. *Pediatr Emerg Care*. 2013 Jan;29(1):63-6. doi: 10.1097/PEC.0b013e31827b542.

**Batra P**, Saha A, Faridi MA. Thermometry in children. *J Emerg Trauma Shock* 2012;5: 246-9.

**Batra P**, Gupta S, Gomber S, Saha A. Predictors of meningitis in children presenting with first febrile seizures. *Pediatr Neurol*. 2011 Jan; 44(1):35-9.

### **DR. MANISH NARANG**

**Narang M**, Gomber S, Salota V, Kaur G. Congenital Massive Neck Swelling in a Neonate. *Indian Journal Medical Specialities* 2010;1(1): 33-35.

**Narang M**, Gomber S, Upreti L, Dua S. Multiple Intracranial Tubercular Abscess. *Kathmandu University Medical Journal* 2010; 8 (2): 244-246.

Kaushik JK, **Narang M**, Agarwal N. Informed consent in Pediatric Practice. *Indian Pediatr* 2010; 47(12): 1039-1046.

Chaudhary N, **Narang M**, Dwivedi A. Life threatening rebound methemoglobinemia following paint ingestion. *Journal of Pediatric Sciences*. 2010; 2: e12.

Kaushik JK, **Narang M**, Parakh A. Fast Food Consumption in Children. *Indian Pediatr*. 2011; 48 (2): 97-101.

Kaushik JK, **Narang M**. Informed consent and withdrawal of life support (reply). *Indian Pediatr* 2011; 48(5): 409.

Kaushik JK, **Narang M**. Informed consent in Pediatric Practice (reply). *Indian Pediatr* 2011; 48(8): 659.

Choudhary N, Gomber S, **Narang M**. Clinico-Immunological profile and Outcome of Anti Retroviral Therapy in HIV positive children. *Public Health Nutrition*. 2012;15(8):1442-1445.

**Narang M**, Dwivedi A, Narang S, Mehrotra G. Sternal Tuberculosis: An Uncommon Presentation. *Journal of Case Reports*. 2011;1(1): 9-11.

**Narang M**, Nidhi, Danewa A. Streeter's Dysplasia. *Journal of Case Reports* 2011;1(1):16-17.

**Narang M**, Kaushik JK, Sharma A, Faridi MMA. Predictors of mortality among the neonates transported to referral centre in Delhi,India: A prospective observational study. *Indian Journal of Public Health*. 2013;57:100-104.

**Narang M**, Khurana A, Gomber S, Choudhary N. Epidemiological trends of tetanus from east delhi, India: a hospital based study. *Journal of Infection and Public Health*.2014;7:121-124.

Chonker D, Faridi MMA, **Narang M**, Sharma SB. Does type of feeding in infancy influence lipid profile in later life. *Indian J Pediatr*. 2014;

Gupta P, **Narang M**, Banerjee BD, Ray M, Dua T, Radhakrishnan G. Micronutrients as antioxidants. *Rapid responses for Christian et al.* 326 (738) 571. Available from:

<http://bmj.com/cgi/eletters/326/7389/571>. Accessed on 18<sup>th</sup> May 2003.

Mitra M, Faridi MMA, Ghosh A, Shah N, Shah R, Chaterjee S, **Narang M**, Bhattacharya N, Bhat G, Choudhury H, Kadhe G, Manef A, Roy S. Safety and immunogenicity of single dose live attenuated varicella vaccine (VR 795 Oka strain) in healthy Indian children: A randomized controlled study. *Human Vaccines and Immunotherapeutics*. 2015;11(2): 443-449.

**Narang M**, Shah D, Akhtar H. Efficacy and Safety of Drotaverine Hydrochloride in children with Recurrent Abdominal Pain: A Randomized Placebo Controlled Trial. *Indian Pediatr* 2015;52(10):847-51.

Pandey M, Gomber S, **Narang M**. Gut Obstruction sequel to corrosive poisoning role of early endoscopy. *Indian Journal of Family and Community Medicine*. 2015;1(2): 91-92.

Gomber S, Jain P, Sharma S, **Narang M**. Comparative efficacy and safety of oral iron chelators and their novel combination in children with Thalassemia. *Indian Pediatr*. 2016;53:207-210.

Gupta P, Narang M, Gomber S, Saha R. Effect of quinine and artesunate combination therapy on platelet count of children with severe malaria. *Journal of Pediatrics and International Child Health* (In press).

**DR. POOJA DEWAN**

Thawani R, **Dewan P**, Faridi MM, Arora SK, Kumar R. Estimation of gestational age, using neonatal anthropometry: a cross-sectional study in India. *J Health Popul Nutr.* 2013 Dec;31(4):523-30.

Faridi MM, **Dewan P**, Batra P. Rusty pipe syndrome: counselling a key intervention. *Breastfeed Rev.* 2013 Nov;21(3):27-30.

**Dewan P**, Gidaganti S, Faridi MM, Batra P, Sudhanshu S. Unusual cause of hypocalcemic seizures in a neonate. *Indian J Pediatr.* 2014 Aug;81(8):831-2

Ravishankar A, Thawani R, Dewan P, Das S, Kashyap A, Batra P, Faridi MM. Oral dextrose for analgesia in neonates during nasogastric tube insertion: a randomised controlled trial. *J Paediatr Child Health.* Epub 2013 Oct 18.

**Dewan P**, Gomber S, Das S. Congenital tuberculosis: a rare manifestation of a common disease. *Paediatr Int Child Health.* Epub 2013 Dec 6.

Harne P, Batra P, Faridi MM, **Dewan P**. Optimal infant and young child feeding practices among working women: a challenge. *Breastfeed Med.* 2013 Dec;8(6):511-2.

**Dewan P**, Gomber S, Chawla H, Rohatgi J. Ocular changes in multi-transfused children with  $\beta$ -thalassaemia receiving desferrioxamine: A case-control study. *SAJCH.* 2011;5(1):11-5.

**Dewan P**, Kaushik JS, Gomber S, Gupta A. Uncommon presentation of neurocysticercosis. *SAJCH.* 2011;5(2):58-9.

**Dewan P**, Jain V, Gupta P, Banerjee BD. Organochlorine pesticide residues in maternal blood, cord blood, placenta, and breastmilk and their relation to birth size. *Chemosphere.* 2013;90(5):1704-10.

**Dewan P**, Gupta P. Burden of Congenital Rubella Syndrome (CRS) in India: a systematic review. *Indian Pediatr.* 2012;49(5):377-99.

Kaushik JS, Gomber S, **Dewan P**. Clinical and epidemiological profiles of severe malaria in children from Delhi, India. *J Health Popul Nutr.* 2012;30(1):113-6.

**Dewan P**, Rai A, Gupta N, Shah D, Faridi MM. A rare lethal case of chondrodysplasia punctata with extensive airway involvement. *Fetal Pediatr Pathol.* 2012;31(3):134-9.

**Dewan P**. Master Pass: Revision Questions in Paediatrics. *Indian Pediatr.* 2012;49(2):166.

#### Chapters in Book

**Aggarwal Anju**. Japanese Encephalitis Vaccine . In *Childhood Vaccination, A guide for Pediatrician.* Ed Dutta AK. *Indian J Pediatr* 2013, pp 93-107.

**Aggarwal Anju**. Non UIP Vaccines in India. In *IAP Textbook of Pediatrics.* Ed Parthasarathy A. 5<sup>th</sup> edition. IAP National Publication House. Gwalior 2013. pp 187-190.

**Aggarwal Anju.** Anaerobic infections. In Textbook of Pediatric Infectious Diseases. Ed Parthasarathy A. 1<sup>st</sup> Ed. IAP National Publication House Gwalior 2013. pp-396-403.

**Aggarwal Anju.** Varicella Infection .In Treatment and Prognosis in Pediatrics. Ghosh A, Mitra M, Choudhury J. Jaypee, 2013. pp 368-371.

Gupta P, **Dewan P**, Singh T. Objective structured clinical examination in resource poor settings. In: Singh T, Anshu (Eds) Principles of assessment in medical education. 1<sup>st</sup> Ed; Jaypee Brothers: New Delhi. 2012. p128-148.

**Faridi MMA.** In: Mathur NB. Mathur's Essential Neonatology. New Delhi: Noble Vision; 2012

**Gupta P.** In: Parthasarathy A, Borker A, Nair MKC, Bhave S. *Partha Fundamentals of Pediatrics*. New Delhi: Jaypee Brothers; 2013.

**Shah D,** Giri M, Gupta P. Citation classics from Indian pediatrics. Indian Pediatr. 2013;50(1):61-7.

**Shah D.** Nurturing in Delhi! Editor: Dr. PN Taneja; Years 1970–1972. Indian Pediatr 2013;50(3):275-7.

**Shah D.** Nutritional and Health. In: Gupta P, editor. Textbook of Pediatrics. New Delhi: CBS Publishers, 2013. pp. 51-83.

**Shah D.** Gastrointestinal and hepatobiliary problems. In: Gupta P, editor. Textbook of Pediatrics. New Delhi: CBS Publishers, 2013. pp. 306-34.

### Books

**Faridi MMA,** Priyanka Gupta. Neonatology Practice Made Easy. New Delhi: Jaypee Brothers Medical Publishers; 2013

**Gupta P.** *Textbook of Pediatrics*. New Delhi: CBS Publishers; 2013.

Parthasarathy A, Menon PSN, **Gupta P**, Nair MKC. *IAP Textbook of Pediatrics*. 5<sup>th</sup> edition. New Delhi: Jaypee Brothers; 2013.

Singh T, **Gupta P**, Singh D. *Principles of Medical Education*. 4th edition. New Delhi: Jaypee Brothers; 2013.

**Narang M.** Approach to Practical Pediatrics 2<sup>nd</sup> Edition. Jaypee Brothers: New Delhi.

**Gupta P.** *Essential Pediatric Nursing*. 3rd edition. New Delhi: CBS; 2011.

**Gupta P.** *Clinical Methods in Pediatrics*, 2<sup>nd</sup> edition. New Delhi: CBS; 2011.

**Gupta P.** Protein Energy Malnutrition. In: Munjal, et al. *API Textbook of Medicine*. 8<sup>th</sup> edition. Association of Physicians of India. New Delhi: Jaypee Brothers; 2012.

Instant Pediatrics. 2<sup>nd</sup> Edition. 2011. Eds. **Gomber S**, Agarwal KN. Jaypee Brothers, New Delhi.

Kaushik JK, **Narang M**, Parakh A. Fast Food Consumption in Children. *Indian Pediatr*. 2011; 48 (2): 97-101.

Kaushik JK, **Narang M**. Informed consent and withdrawal of life support (reply). *Indian Pediatr* 2011; 48(5): 409.

Kaushik JK, **Narang M**. Informed consent in Pediatric Practice (reply). *Indian Pediatr* 2011; 48(8): 659.

#### **Publications in Non-Indexed Journals**

**Aggarwal Anju**, Deepika Harit, Swati Kalra, MMA Faridi, Neelam Chillar. Alteration in serum lipids after discontinuation of carbamazepine and valproate therapy. **Presented at 50<sup>th</sup> Annual Conference of Indian Academy of Pediatrics, Calcutta, 17<sup>th</sup> -20<sup>th</sup> January 2013.**

Saurabhi Das, Anju Aggarwal, Hema Mittal, Ashish Kumar, Pradeep Dhingra. Rare presentations of Hepatitis A infection. **Presented at 50<sup>th</sup> Annual Conference of Indian Academy of Pediatrics, Calcutta, 17<sup>th</sup> -20<sup>th</sup> January 2013.**

Garima Bang, Anju Aggarwal, Hema Mittal . Subdural effusion in Infantile tremor syndrome. **Presented at Pediatric Conference of North India, 5-6<sup>th</sup> October 2012, New Delhi.**

Pankaj Kumar, MMA Faridi, Hema Mittal, Anju Aggarwal, Deepthi Nair, Yogender Aggarwal, Sonal Sharma. Disseminated BCG disease in a twin infant with SCID. **Presented at 50<sup>th</sup> Annual Conference of Indian Academy of Pediatrics, Calcutta, 17<sup>th</sup> -20<sup>th</sup> January 2013.**

Neha Bansal, Anju Aggarwal, Neelam Wadhwa, Hema Mittal, Sourbhi Das, Ashish Kumar. Secondary Hemophagocytic lymphohistiocytosis in perinatally transmitted HIV. **Presented at 50<sup>th</sup> Annual Conference of Indian Academy of Pediatrics, Calcutta, 17<sup>th</sup> -20<sup>th</sup> January 2013.**

#### **Abstract publication in conference proceedings**

Oral Ondansetron in Management of Dehydrating Diarrhea with Vomiting: A Randomized Controlled Trial. Arun Danewa, **Batra P**. PEDICON 2013 at Kolkata for award paper.

HIV transmission rates in Exclusively Breastfed babies of HIV positive mothers on ARV prophylaxis. Barolia P, **Batra P** at **PEDICON 2013**, held at Kolkata.

“Awareness and Practice of National Guidelines on IYCF among working Women in Delhi” **Batra P**. 32<sup>nd</sup> Annual Convention of National Neonatology Forum of India, Delhi.

“Unusual Case of Hypocalcemic seizures in a neonate” **Batra P**. 32<sup>nd</sup> Annual Convention of National Neonatology Forum of India, Delhi.

**Dewan P**, Gidaganti S, Faridi MM, Batra P, Sudhanshu S. Unusual cause of hypocalcemic seizures in a neonate. In: Neocon 2013. XXXII Annual NNF Convention; 2012 Dec 14-16; Delhi.

Nijhawan R, Faridi MM, **Dewan P**. Efficacy of daily versus twice weekly iron supplementation in breastfed low birth weight (appropriate for gestational age) infants: an open-label randomized trial. Pedicon 2012; 49<sup>th</sup> National Conference of Indian Academy of Pediatrics, January 2012.

Thawani R, **Dewan P**, Kumar R, Faridi MM. Developing an equation for gestational age estimation of neonates using anthropometry. Pedicon 2012; 49<sup>th</sup> National Conference of Indian Academy of Pediatrics, January 2012.

Bhattacharya S, Negi R, **Dewan P**. Pfeiffer syndrome type 1: A rare case. Pedicon 2012; 49<sup>th</sup> National Conference of Indian Academy of Pediatrics, January 2012.

**Dewan P**, Faridi MM, Bhattacharya S, Rai A, Batra P. Holoprosencephaly-agnathia spectrum: Report of two cases. Pedicon 2012; 49<sup>th</sup> National Conference of Indian Academy of Pediatrics, January 2012.

**Narang M**, Bhattacharya S, Gomber S. Unusual presentation of Subacute sclerosing panencephalitis at 50<sup>th</sup> National Conference of Indian Academy of Pediatrics (PEDICON 2012), Gurgoan, Haryana.

**Narang M**, Kumar S, Gomber S. Parietal wall abscess masquerading as Liver abscess at 50<sup>th</sup> National Conference of Indian Academy of Pediatrics (PEDICON 2012), Gurgoan, Haryana.

**Narang M**, Kaushik JS, Sharma A, Faridi MMA. Predictors of mortality among the neonates transported to referral centre in Delhi: A Prospective observational Study at NEOCON 2012, New Delhi.



