

Afsana Jahan: Curriculum Vitae

**Date Prepared:** November 2025.

**Name:** Afsana Jahan

**Home Address:** 209 Harrison Avenue, Franklin Square, Long Island, NY 11010. **Phone:** (516) 201-4162 **Work Email:** [dr.afsanajahan@gmail.com](mailto:dr.afsanajahan@gmail.com)/ [ajahan@northwell.edu](mailto:ajahan@northwell.edu)

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## **Educational Background**

### **Education**

- 2000 – 2004: MBBS, Gauhati Medical College, Guwahati, India
- 2006-2009: MD, Pediatrics, Assam Medical College, Dibrugarh, India

### **Postdoctoral Training**

- 2012-2014: Fellowship, Pediatric Nephrology, Christian Medical College, Vellore, India
- 2023-Due June 2026: Fellowship, Pediatric Nephrology, Cohen Children's Medical Center, Northwell Health, New York
- October 2024- October 2025: Global Clinical Scholars Research Program at Harvard Medical School

## **Professional Development and Certification**

- Pediatric Basic Life Support (BLS) – American Heart Association (valid up to 2027)
- Pediatric Advanced Life Support (PALS) – American Heart Association (valid up to 2027)
- Research & Grant Writing Workshops – Cohen Children's Medical Center (2024)
- Fellows workshop by Pediatric Nephrology Research Consortium (2024)

## **Honors and Prizes**

- ASPN fellows' presentation grant- Pediatric Academic Societies (PAS) Meeting, Hawaii (2025)
- Second Prize, Academic Research Day clinical study presentation, Northwell Health (May 2025)
- Second Prize, Oral Case Presentation Competition, New York Society of Nephrology (November 2024)

## **Recent Oral presentation**

- **Pediatric Academic Societies (PAS) Meeting, Honolulu, Hawaii; Presenting Author.**

**Abstract ID:** 1984716

**Abstract Title:** Body Roundness Index is a stronger predictor of Blood Pressure than Body Mass Index in children

**Session Title:** Hypertension; **Session Type:** Oral Abstract

**Session Date:** Monday April 28, 2025; **Session Time:** 9:15 AM - 10:45 AM

- National Webinar presentation, : Afsana Jahan, Cohen Children's Medical Center; Radiologist: Christina Chougar, Cohen Children's Medical Center; Expert: Julie Krystal, Cohen Children's Medical Center. ASPN Radiology Webinar – Infants, Abdominal Masses and CKRT - American Society of Pediatric Nephrology (ASPN) ([aspneph.org](http://aspneph.org)). June 03, 2024.
- International presentation: Approach to Cystinosis: Current management updates International Society of Nephrology conference, Marie Curie Children's Hospital, Bucharest, Bucharest, Romania, September 11, 2024.
- Pediatric Nephrology Research Consortium Spring Meeting, Utah (2024) – Ambulatory BP Study Presentation.
- New York Society of Nephrology (2024) – Case Presentation: Cystitis cystica: Association with PD catheter malfunction: Case presentation competition: New York society of Nephrology: November 21, 2024.

### **Recent Poster Presentation**

- National : ASN 2025 Kidney Week: Ambulatory Blood Pressure Monitoring Thresholds for Predicting Ventricular Hypertrophy in Children Aged 6-12 Years: Pediatric Nephrology Research Consortium Study" ; Pediatric Nephrology: Transplantation, Hypertension, AKI, Genetics, and Developmental Diseases [PO1900-2] : Session Date, Time: November 8, 2025, from 10:00 AM to 12:00 PM.
- National : Annual Dialysis Conference, San Diego (2024) – "A Pain in the Bladder in an Anephric Child." March 7-10; 2024.

### **Current Licensure and Certification**

- Licensed by Assam Medical Council, India.
- Applied for New York State Medical License.

### **Professional Experience**

#### **Faculty Academic Appointments**

- Teaching Associate, Zucker School of Medicine at Hofstra/Northwell, New York (July 2023 - Present)

### **Appointments at Hospitals/Affiliated Institutions**

- Fellow, Pediatric Nephrology, Cohen Children's Medical Center, Northwell Health, New York (July 2023 - Present)

### **Professional Positions held in the past.**

- Consultant Pediatric Nephrologist, Pratiksha Hospital, Apollo Excel Care Hospital, and Renowell Clinic, Guwahati, India (February 2020 - January 2023)
- Consultant Pediatric Nephrologist, Narayana Super Specialty Hospital, Guwahati, Assam, India (August 2016 - January 2020)

### **Professional Societies**

- Pediatric Nephrology Research Consortium (PNRC, USA)
- American Society of Pediatric Nephrology (ASPN)
- International Society of Pediatric Nephrology (IPNA)
- New York Society of Nephrology (NYSN)
- Indian Society of Pediatric Nephrology (ISPN) – East Zone Zonal Representative (2021)
- Indian Academy of Pediatrics (IAP) – Life Member

### **Committee Service**

**Institutional :** Member: PICG: Pediatric Dialysis and Transplant, Cohens Children medical Centre (2023-present)

### **Report on Unfunded Projects**

- a. Pediatric Nephrology Research Consortium of America: “Ambulatory blood pressure monitoring thresholds for predicting left ventricular hypertrophy in children aged 6-12 years: A Pediatric Nephrology Research Consortium Study”. (Retrospective multicenter study: Complete, in data analysis phase)
- b. “Body roundness index is a stronger predictor of blood pressure than body mass index in children.” NHANES database study healthy US children. (Cross sectional data-based study): Completed.

### **Teaching Students in Current Fellowship course**

- Regular lectures and case presentations to pediatric residents at Zucker School of Medicine.

- Regular Presentation and Journal club in Fellows lectures series, Pediatric Nephrology Division at Cohens Children Medical Centre
- Presentation and coordinator in monthly Pediatric Nephrology Pathology Conferences at Cohens Children Medical Centre
- Presentation in Quarterly Pediatric Nephrology Rheumatology Conferences at Cohens Children Medical Centre

#### **Institutional presentation for residents and Co-fellows (Full list at the end)**

- Weekly Fellows lecture series and Monthly Nephrology Pathology and Quarterly Rheumatology Renal conferences

#### **Institutional Committee Service: Local**

- Member: PICG, Dialysis and Kidney transplant, Cohens Children medical Centre (2023-date)

#### **Major Administrative Leadership Positions in the past**

- Zonal Representative for East Zone of Indian Society of Pediatric Nephrology (ISPN), India

#### **Report on Education of Patients and Service to the Community in the past**

##### **Activities**

- Organized and volunteered in educational programs for local pediatricians, Assam, India.
- Conducted awareness programs on television and contributed articles to newspapers, India.

##### **Scientific work and Publications**

1. Jahan A, Abdullah MM, Frank R, Castellanos LJ, Singer P, Shen CL, Basalely AM, Sethna CB. Body Roundness Index is a Stronger Predictor of Cardiometabolic Risk than Body Mass Index in Children between Ages 8 to 17 years. *J Pediatr.* 2025 Sep 17;288:114826. doi: 10.1016/j.jpeds.2025.114826. Epub ahead of print. PMID: 40972710.
2. **Jahan Afsana**, Sathe Kiran, Ekamborom Sudha. "Urinary Tract Infection in Children", the 6th in the Standard Treatment Guidelines series. <https://iapindia.org/pdf/STG-06-Urinary-Tract-Infection-in-Children>.
3. Rajiv Sinha · Subal Pradhan · Sushmita Banerjee. **Afsana Jahan** · Shakil Akhtar · Amitava Pahari Sumantra Raut · Prince Parakh · Surupa Basu · Priyanka Srivastava · Snehamayee Nayak3 · S. G. Thenral, V. Ramprasad · Emma Ashton · Detlef Bockenhauer · Kausik Mandal. Whole-exome sequencing and variant spectrum in children with suspected inherited renal tubular disorder: the East India Tubulopathy Gene Study. *Pediatric Nephrol.* 2022. <https://doi.org/10.1007/s00467-021-05388-y>.

4. **Afsana Jahan**, Ratna Prabha, Swasti Chaturvedi, Binu Mathew, Denise Fleming, Indira Agarwal. Clinical efficacy and pharmacokinetics of tacrolimus in children with steroid-resistant nephrotic syndrome. *Pediatric Nephrol.* 2015 Nov;30(11):1961-7. doi: 10.1007/s00467-015-3133-3. Epub 2015 Jul 2
5. Sudheer Kumar Reddy, **Afsana Jahan**, Swasti Chaturvedi, Indira Agarwal. Plasma exchange for pediatric kidney disease-indications and outcomes: a single-center experience. *Clin Kidney J.* 2015 Dec;8(6):702-7. doi: 10.1093/ckj/sfv084. Epub 2015 Sep 3.
6. **Jahan Afsana**, Agarwal I, Chaturvedi S. An unusual cause of severe rickets: Questions. *Pediatr Nephrol Berl Ger.* 2013 Jun 7.
7. Chaturvedi S, **Jahan A**, Korula A, Agarwal I. I am a 12-year-old boy with renal failure and hemoptysis. *Clin Kidney J.* 2013 Dec 1;6(6):650–2.
8. **Jahan A**, Dewan V, Yadav TP. Leflunomide in systemic onset Juvenile idiopathic arthritis. *Indian Pediatr.* 2012 Sep; 49(9):750–2.
9. Bhagwani D, **Jahan A**, Yadav T, Dey S, Sachdev N. Diagnostic Sensitivity and Specificity of Spectral Color Doppler Ultrasound Indices in Juvenile Idiopathic Arthritis. *Ann Paediatr Rheumatol.* 2012; 1(3):163.
10. Nandan D, **Jahan A**, Dewan V, Singh S, Buxi G. Pure Red Cell Aplasia in a Three-Months-Old Infant Possibly Secondary to Cytomegalo Virus Infection. *Indian J Hematol Blood Transfus.* 1–
11. Yadav A, **Jahan A**, Yadav TP, Sachdev N, Chitkara A, Asare R. Effect of glucocorticoids on serum lipid profile and endothelial function and arterial wall mechanics. *Indian J Pediatr.* 2013 Dec;80 (12):1007–14.
12. Ranjan S, **Jahan A**, Yadav TP, Sachdev N, Dewan V, Singh S. Evaluation of synovial inflammation in juvenile idiopathic arthritis by power color Doppler and spectral Doppler ultrasonography. *Indian J Pediatr.* 2014 Jan;81(1):29–35.
13. Jahan A, Bhutia E, Yadav TP. Klebsiella infection-associated autoimmune hemolytic anemia. *JACM* 2013; 14(2): 190-1
14. Dey S, **Jahan A**, Yadav TP, Bhagwani DK, Sachdev N. Measurement of Bone Mineral Density by Dual Energy X-ray Absorptiometry in Juvenile Idiopathic Arthritis. *Indian J Pediatr.* May 4.
15. Satija M, Yadav T, Sachdev N, Chabra A, **Jahan A**. Endothelial function, arterial wall mechanics and intima-media thickness in juvenile idiopathic arthritis. *Clinical and experimental Rheumatology* (accepted on Dec 2, 2013)

**Peer reviewed the following Articles.**

1. Tardif CB, Mathieu ME, Caru M, Al-Simaani A, Girard-Bock C, Cloutier A, Stickland MK, Nuyt AM, Luu TM. HAPI Fit: An Exercise Intervention to Improve Peak Aerobic Capacity in Young Adults Born Very Preterm. *Med Sci Sports Exerc.* 2024 Jan 1;56(1):44-52. doi: 10.1249/MSS.0000000000003279. Epub 2023 Aug 30. PMID: 37707478.
2. Slagle CL, Hemmelgarn T, Gavigan HW, Krallman KA, Goldstein SL. Use of urine neutrophil gelatinase-associated lipocalin for nephrotoxic medication acute kidney injury screening in neonates. *J Perinatol.* 2024 Mar 21. doi: 10.1038/s41372-024-01922-6. Epub ahead of print. PMID: 38514742.
3. Grad, V.M., Khan, A., D’Mello, K. et al. “None of us asked to be in this community.” Understanding nephrotic syndrome through TikTok: patient and caregiver perspectives. *Pediatric Nephrol* (2024). <https://doi.org/10.1007/s00467-024-06589->

### **Recent National and International presentations**

#### **Institutional presentation for residents and Co-fellows**

1. Monogenic causes of hypertension: Pediatric Resident Noon conference (Gemini); Cohens Children Medical Center; April 9; 2024.
2. Approach to Renal tubular acidosis: Pediatric Resident Noon conference for Pediatric residents; Cohens Children Medical Center; September 16; 2024.
3. Journal Club: Dapagliflozin in patients with Chronic Kidney Disease Department of Pediatric Nephrology. January 29; 2024
4. Journal Club: Dapagliflozin in patients with Chronic Kidney Disease Department of Pediatric Nephrology. January 29; 2024
5. Management of Patients on Chronic Hemodialysis Department of Pediatric Nephrology: April 8; 2024
6. Journal Club: Obinutuzumab in Frequently Relapsing Nephrotic Syndrome in Children; Department of Pediatric Nephrology. May 13; 2024
7. Infectious complication in patients on Chronic Peritoneal Dialysis; Department of Pediatric Nephrology. October 28; 2024
8. Scholarly Oversight Committee Meeting: Update on my ongoing Research Activity: Cohens Children's Medical Center; June 15; 2024 and November 11; 2024.
9. Monthly Nephrology Pathology conferences: combined discussion and presentation of kidney biopsies for whole month: Moderator and presenter from Nephrology
10. Quarterly Rheumatology Renal conferences: Presenter from Pediatric nephrology side

**Recently attended educational workshops**

3. Research workshop for fellows: Cohens Children Medical Center July 25, 2024
4. Research workshop for fellows: Cohens Children Medical Center August 1, 2024
5. Research workshop for fellows: Cohens Children Medical Center September 5, 2024.
6. Research Workshop on Grant writing; Cohens Children Medical Center. October 29; 2024
7. Fellows workshop on Networking, Research, and Clinical efficiency; Children's Hospital of Philadelphia, Philadelphia, Pennsylvania. September 12, 2024.

**Voluntary services**

1. I have helped in conducting CME, hands-on workshops on peritoneal dialysis hemodialysis for postgraduate students and technicians in India
2. I have been quizzing master in National Pediatric Nephrology quiz for post-graduates conducted by the Indian Society of Pediatric Nephrology (2022), India
3. I have been part of various clinical camps and regularly do outpatient clinics in remote parts of the country, India
4. I am member of strategic planning committee in Pediatric Nephrology Research Consortium, USA (Current)

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