

Dr. Rashmi Kapoor

**Head department of Pediatrics, Director division of pediatric critical care and pulmonology,
Director Regency Health care group, Kanpur, Uttar Pradesh, India**

Dr Rashmi Kapoor joined GSVM medical college Kanpur in 1975. Completed her MBBS in 1980 and then continued to complete her Masters in Pediatrics in 1984, with an excellent academic record. She has been in practice since 1985.

She along with her husband Dr Atul Kapoor, established a multispecialty hospital “**Regency hospital ltd**” in 1995, at Kanpur which was the first corporate hospital in Uttar Pradesh.

Dr Kapoor Established the department of **Neonatal Intensive Care unit (NICU)** at Regency Hospital in 1995.

Having graduated as a pediatrician in the era when there were no super specialties in pediatrics, she realized the need for specialization. Critically ill children need special beds and special care which were not available in the city, hence she assigned a special area in the hospital for critically ill children. Pediatric critical care was an upcoming super specialty and pediatric intensivists were far and few in our country. She established a dedicated pediatric critical care unit at Regency hospital. This was the first department **of Pediatric Intensive care unit (PICU)** in the state of Uttar Pradesh in the year 1998.

She went to **British Columbia Children Hospital PICU in Vancouver, Canada**, in 2005, to enhance her knowledge in pediatric intensive care.

To gain further experience in pediatric intensive care, she visited **PICU Seattle Children’s hospital, Seattle, Washington state**, and observed the departmental working for 3 months, in 2009.

Her PICU got accredited in the year 2009. Since 2017 she has been running a **fellowship program in pediatric critical care under the banner of IAP and the college**.

Since pediatric intensive care and pulmonology go hand in hand, and she had special interest in pulmonology, she developed department of **pediatric pulmonology** for the first time in the state in the year 2006.

She underwent special training in **pediatric flexible bronchoscopy** under Dr Robert E. Wood at **Cincinnati children hospital, Cincinnati, Ohio** in the year 2009.

To gain further knowledge in pediatric pulmonology, she visited **Michigan children hospital, department of Pediatric pulmonology, Michigan, Ann Arbor** in 2012 for a few months.

Special Interests:

- Only Pediatric intensivist with special interest in pediatric pulmonology to have removed more than 300 foreign bodies from the airway of children by flexible bronchoscopy. She has done more than 2000 pediatric flexible bronchoscopies.
- Pediatric chest radiology besides pediatric flexible bronchoscopy.
- Her experience in the field of pediatrics makes her an excellent general pediatrician.

Academic Achievements:

- Observer ship in pediatric critical care at British Columbia children hospital in 2005
- Observer ship in Pediatric critical care at Seattle children hospital in 2009
- Observer ship in Pediatric Pulmonology at University of Michigan in 2012
- Trained in flexible bronchoscopy under Dr Robert wood in 2009
- Diploma in allergy and Immunology from VM allergy and asthma center Chennai 2020
- Diploma in Pediatric sleep medicine from University of Colorado 2022
- Started 1st PICU in U.P. in 1995 at Regency Hospital Ltd., Kanpur.
- First pediatrician to start Pediatric flexible bronchoscopy in 2007 in the state of Uttar Pradesh. She does flexible bronchoscopy in children ranging from newborn to 18 years.
- Invited to various National conferences on Pediatric Critical Care, and pediatric pulmonology as a faculty member.
- PALS (Pediatric Advanced Life Support) Instructor since 2002. Conducted various PALS and ALS courses all over U.P. since 2001.
- Faculty Basic Pediatric Intensive Care since 2001
- Instructor PFCCS (Pediatric fundamental critical care society) since 2011
- Faculty simulation workshops since 2016
- Teacher in Pediatric critical care Council of India, an academic arm of Intensive care chapter of IAP
- Organizing chairperson National conference of Pediatric critical care in Kanpur in 2004
- Organizing chairperson UPRESPICON 2017 at Kanpur
- Established Regency Hospital as an Accredited Center for Basic Life Support since 2018
- Has organized various workshops on Pediatric ventilation, Pediatric Ultrasonography in Critical care, Basic Pediatric Intensive care course, PFCCS, ALS, and BLS.
- President UP Respiratory chapter 2018-2019
- Running Fellowship in Pediatric critical care under college of pediatric critical care, an academic arm of Intensive care chapter of IAP
- National convenor “Basic pediatric flexible bronchoscopy” module 2022
- Running pediatric DNB course at Regency hospital since 2019
- Vision and dream of having all subspecialties in pediatrics under one roof has come true as the department of Pediatrics at the Regency hospital is the only one in the state and one of the few in the country that has the largest pediatric subspecialties. The includes

Neonatology and neonatal Intensive care, General Pediatrics, Pediatric Intensive Care, pediatric pulmonology, pediatric gastroenterology, pediatric endocrinology, pediatric hemato-oncology, pediatric surgery, pediatric orthopedic surgery, pediatric rehabilitation, genetics and department of fetal medicine.

Papers and Posters:

- Won the 2nd prize in poster presentation at NCPCC new Delhi in 2005
“The profile of Poisoning cases at Regency hospital Kanpur”
Rashmi Kapoor, Vineeta Tiwari
Department of pediatric critical care Regency Hospital Ltd. Kanpur, UP
- Poster presentation at the **Annual conference of American Thoracic Society held In Toronto in May 2008.**
“Parental perceptions of Asthma Severity and Control among Parents of Asthmatic Children in India”
Rastogi D¹, Gupta S², Kapoor R², ¹Children’s Hospital at Montefiore, Albert Einstein College of Medicine, Bronx NY and ²Regency Hospital, Kanpur, India
- Poster Presentation at **ERS conference at Barcelona in 2013**
“Diagnosing pediatric pneumonia under low-resource conditions: the predictive value and reporting reproducibility of Chest X-rays”
V. Gowraiah, S. Shabibi, C. Gowdy, A. Awasthi, R. Kapoor, A. Verma, S. Awasthi, M. Sear (Vancouver, Canada; Kanpur, Lucknow, India) ERS BARCELONA 2013:
- Poster presentation at the **17th NCPCC held at Jaipur in 2015**
“Alarming rates of cerebral edema at presentation in children with diabetic ketoacidosis (DKA) - A case to ponder.”
Rashmi Kapoor, Anurag Bajpai, Divya Agarwal, Abhishek Singh. Department of pediatric critical care, Regency hospital, Kanpur.
- Posters presentation at **28th Respicon 2017 held at Bangalore**
1. “Congenital Malformations causing acute stridor in newborn and children.”
Rashmi Kapoor, Tarun Chandra, Arvind Kumar. Department of ped pulmonology and critical care, Regency Hospital, Kanpur, UP
2. “Respiratory Distress in Neonates- Tale of two neonates”
Rashmi Kapoor, Arvind Kumar Singh R Gupta*, Tarun Chandra - Departments of Neonatology, Pediatric Pulmonology & critical care & Pediatric surgery* Regency Hospital, Kanpur UP
- Poster presentation World congress of gastroenterology at Istanbul 2019
Fatty Liver: Think of Cholesteryl Ester Storage Disease Agarwal Jaya, Hasan Ajmal, Mehrotra Mayank, Kapoor Rashmi Department of Gastroenterology and Pediatrics, Regency Health, Kanpur.

Publications:

1. "Fibrodysplasia Ossificans progressiva" Case Report. Rashmi Kapoor, PM Gadre et al. Indian Pediatrics. Vol 69, August 1998, 786 - 788.
2. "Vitamin D and Bone Metabolism". Review Article, Pediatrics Today, Vol I, No2, Sept- oct 1998, 161 – 166.
3. "Raised Intracranial Pressure". Review Article, Pediatrics Today Vol III, No 5, May 2000, 361 – 368.
4. "Diabetic Ketoacidosis" Review Article, Intensivist, Vol V, No 2-3 April – July 2002, 3 – 7.
5. "Neonatal Boerhaave's Syndrome with Duodenal Atresia", Clinical Brief, Indian Journal of Pediatrics, Vol 69, August 2002, 727 – 728.
6. "Acute Stridor "Review Article, Indian Journal of Practical Pediatrics, Vol. 8 No.1, Jan – March 2006, 27 – 34.
7. "Respiratory Failure in PICU", Review Article Pediatrics Today, Vol. X No 6 November – December 2007, 296 – 302.
8. Kapoor R, Gupta S. Prevalence of congenital heart disease, Kanpur, India. Indian Pediatr. 2008 Apr;45(4):309-11. PMID: 18451451.
9. "Severe Acute Pancreatitis" Review article chapter 32, Pediatric Intensive Care a Specialty Journal of Indian Academy of Pediatrics. Editors Udani, Ugra, Chugh and Khilnani. Jaypee brothers, first edition 2008
10. Cardiotoxins" Review Article," Indian Journal of Practical pediatrics. Vol ii, No 1, Jan – March 2009, 53 – 63.
11. Comparison of Asthma knowledge, management and psychological burden among parents of asthmatic children from rural and urban neighborhoods in India. Rastogi D 1, Gupta S 2, Kapoor R3 .1Children's Hospital at Montefiore, Albert Einstein college of Medicine, Bronx, NY, and 2Regency Hospital Kanpur, India. J Asthma 46:911-5
12. "Nephrotic Syndrome" Review Article Chapter 3, Recent Advances In Pediatrics – 20 Hot Topics. Editor Suraj Gupte. Jaypee Brothers Medical Publishers (P) Ltd. First Edition 2011: P-44-66
13. Kapoor R, Trivedi S, Singh AK. Congenital Tuberculosis. Pediatr Allergy Immunol Pulmonol. 2011 Dec;24(4):225-229. doi: 10.1089/ped.2011.2306. Epub 2011 Nov 15. PMID: 35927865.
14. "End of Life Issues" Review article Pediatric Intensive Care a Specialty Journal of Indian Academy of Pediatrics 2012
15. How useful are chest radiographs in the diagnosis of tachypneic children in India? Seear, Michael; Children's Hospital, Respirology, Intensive Care Gowraiah, Vishwanath; BC's Children's Hospital, Respirology Kapoor, Rashmi; Regency Hospital, Paediatrics^[SEP]Awasthi, Shally; King George Medical University, Paediatrics Awasthi, Aradhana; Regency Hospital, Paediatrics Verma, Anilkumar; King George Medical University, Paediatrics Al-Shabibi, Saud; BC's Children's Hospital, Radiology^[SEP]Gowdy, Claire; BC's Children's Hospital, Radiology. Original Article 23-Dec-2014 European Respiratory Journal
16. Predictive Accuracy of Chest Radiographs in Diagnosing Tachypneic Children. Original Article. Michael Sear1.Shally Awasthi2.Vishwanath Gowraiah1.Rashmi Kapoor3.et al. Indian J Pediatrics Indian J Pediatr September 2016, 83(9):930–936

17. Kapoor R, Chandra T, Mendpara H, Gupta R, Garg S. Flexible Bronchoscopic Removal of Foreign Bodies from Airway of Children: Single Center Experience Over 12 Years. *Indian Pediatr.* 2019 Jul 15;56(7):560-562. PMID: 31333209.
18. Reddy KRBK, Gupta N, Bhattacharya BG, Deka NM, Chandane P, Kapoor R, Gupta S, Nagarajan SA, Basavaraja GV, Parekh BJ. Impact of Air Pollution on Allergic Rhinitis and Asthma: Consensus Statement by Indian Academy of Pediatrics. *Indian Pediatr.* 2021 Aug 15;58(8):765-770. Epub 2021 May 3. PMID: 33941708.
19. Factors associated with cerebral edema at admission in children with diabetic ketoacidosis. N Agarwal, C Dave, R Shukla, R Kapoor, A Bajpai. *Indian Pediatrics* 2020 Apr 15;57(4):310-313
20. Fatty liver in a child: looking beyond Nonalcoholic Fatty liver disease. Jaya Agarwal, Ajmal Hassan, Mayank Mehrotra, Rashmi Kapoor. *Indian Pediatrics case report*; 2021;1(3):193-195
21. Kapoor R, Chandra T, Singh CP, Singh R, Pandey I. Multisystem Inflammatory Syndrome in Children (MIS-C) Related to SARS-CoV-2 and 1-Year Follow-up. *Indian J Pediatr.* 2022 Dec 9:1–5. doi: 10.1007/s12098-022-04385-9. Epub ahead of print. PMID: 36482236; PMCID: PMC9734509.
22. Foreign Body aspirations in tracheobronchial tree. Chapter in Text book pediatric pulmonology (In press)
23. Singh AK, Kapoor R, Singh A. Post-Piercing Turkey Ear. *Indian J Pediatr.* 2023 Feb 27. doi: 10.1007/s12098-023-04508-w. Epub ahead of print. PMID: 36848013.

Presently:

Heads department of pediatrics, which has different pediatric sub specialties like; Pediatric pulmonology and Pediatric Critical care with 7 bedded PICU (accredited for fellowship in pediatric critical care), 10 bedded NICU, Pediatric Gastroenterology, Pediatric Endocrinology, Pediatric nephrology, pediatric hematology-oncology, Pediatric Surgery, Pediatric orthopedics, Pediatric Rehabilitation etc. at Regency Hospital Sarvodaya Nagar, part of Regency health care group. www.regencyhealthcare.in

She is the director of the division of pediatric critical care and pulmonology.

Heading DNB course in Pediatrics and a fellowship in Pediatric intensive care.

Social achievements:

She established a special school and a rehabilitation center for especially abled children through her NGO “Amrita”. The center started in the year 2009 and is affiliated to the National trust. There are now around 80 children in the school. The rehabilitation center has professionally qualified occupational therapists, physiotherapists, speech therapists, special educators, and psychologists. The vocational center at the school “Samarth” trains mentally challenged adolescents and adults on computers and enables them for data entry. She has been instrumental in employing children from “Samarth” at Regency hospital for data entry.

Visit Amrita at www.amritassc.org.