

# Curriculum Vitae:

**Dr. Geeta Anil Kekre**

**M.B.B.S, M.S. (General Surgery),**

**M.Ch. (Paediatric Surgery), DNB (Paediatric Surgery)**

**Address:**

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**Date of Birth:** 16th August, 1985.

**Current Appointment:** Consultant Paediatric Surgeon Grant Medical Foundation Ruby Hall Clinic, Pune

**Career Goals:**

- Developing a rapid access and triage model for paediatric surgery patients for a fast pace and high volume tertiary referral centre in India.
- To advance training in minimally invasive surgery and reconstructive urology in paediatric patients
- To participate in clinical research with focus on evaluating existing and new practices in terms of patient outcomes and cost effectiveness.
- To develop institute based paediatric surgical care and a multidisciplinary team approach to the care of paediatric surgical patients.
- To participate in integration of paediatric surgical patients into society, to increase awareness in the society about birth defects and educate regarding taboos in society and thereby amend the existing Healthcare Policy

**Areas of Interest:**

- 1) Paediatric minimally invasive surgery
- 2) Reconstructive paediatric urology
- 3) Paediatric pelvic reconstruction
- 4) Paediatric Robotic Surgery

**Work Experience:**

1. February 2020- Present: Consultant Paediatric Surgeon, Grant Medical Foundation Ruby Hall Clinic.
2. January 2017- February 2020: Assistant Professor in Paediatric Surgery, at Lokmanya Tilak Municipal Medical College and General Hospital, Mumbai.
3. November 2016-December 2016: Assistant Professor in Paediatric Surgery at Sassoon General Hospital, Pune. (Affiliated to B.J Government Medical College, Pune)
4. October 2016 to November 2016: Senior Resident in Paediatric Surgery, at B.J Government Medical College and Sassoon General Hospitals, Pune.
5. August 2013-September 2016: Resident in Paediatric Surgery, at Lokmanya Tilak Municipal Medical College and General Hospital, Mumbai.
6. March 2013 to July 2013: Assistant Professor in General Surgery, at B.J Government Medical College and Sassoon General Hospitals, Pune.
7. August 2012-March 2013: Senior Resident in General Surgery, at Lokmanya Tilak Municipal Medical College and General Hospital, Mumbai.
8. May 2009-May 2012: Resident in general Surgery, at Lokmanya Tilak Municipal Medical College and General Hospital, Mumbai.

### **Educational Qualifications:**

1. MCh Paediatric Surgery (Sept.2016) from Lokmanya Tilak Municipal Medical College and General Hospital, Mumbai, affiliated to The Maharashtra University of Health Sciences, Nasik.
2. DNB Paediatric Surgery (June 2017) from the National Board of Examinations, New Delhi.
3. M.S. General Surgery (June 2012) from Lokmanya Tilak Municipal Medical College and General Hospital, Mumbai, affiliated to The Maharashtra University of Health Sciences, Nasik.
4. M.B.B.S from B.J. Government Medical College, Pune, affiliated to The Maharashtra University of Health Sciences, Nasik.

### **Publications in Journals:**

#### **Original Articles:**

1. Incidence of wound infection in common paediatric day care surgeries following a no-antibiotic protocol: a viable recommendation for a public hospital in India International Surgery Journal. 2018 May; 5(5);1729-1732
2. 24-hour pH study and Manometry in gastric esophageal substitutes in children Pediatr Gastroenterol Hepatol Nutr. 2018;21(4):257-263.
3. Childhood intussusception: role of ultrasound guided hydrostatic reduction as a primary therapeutic modality – our experience. Journal of Pediatric Surgical Specialties 2016, Vol 9, No. 4, 30 – 34
4. Follow up of meningomyelocele and associated hydrocephalus, bladder and or bowel incontinence and foot deformity in a developing country. International Surgery Journal 2017 Oct;4(10):3450-3455
5. Immediate and long term outcome analysis of Lipomeningomyelocele repair in asymptomatic infants in a tertiary care centre. Journal of Pediatric Neurosciences. 2016 Apr-Jun; 11(2): 99–104
6. Outcome of surgery in Occipital Encephalocele in tertiary care hospital. SAS Journal of Surgery Volume-3; Issue-7 (Jul, 2017); p-191-194
7. Our experience of Laparoscopic Pyloromyotomy with Ultrasound guided parameters. J Minim Access Surg. 2019;15(1):51-55.
8. Use of fibrin sealant and tunica vaginalis flap in the repair of urethro-cutaneous fistulas: experience in a tertiary care centre. International Surgery Journal, 5(7), 2497-2500.
9. Comparison of post operative analgesic efficacy of penile block, caudal block and topical anaesthesia for children undergoing circumcision. International Journal of Scientific Research. Vol 9, Iss.7 Jul 2020
10. The effect of sucking lollipops on the return of bowel function after elective distal bowel surgery in children. International Journal of Scientific Research, Volume 10, Issue 9. (Sept 2021)

#### **Case reports**

11. Tuberculous intestinal perforation in a case of Burkitt lymphoma on chemotherapy - A case report. Sep 2015. Indian Journal of Case Reports.2015; 1(4): 61-64.
12. Congenital facial teratoma in a neonate: Surgical management and outcome. Annals of Maxillofacial Surgery 2016;6:141- 143
13. A rare case of prepuccial calculi in a child with balanitis xerotica obliterans: a short communication. African Journal of Urology (Sept. 2016),22; 227-229
14. A Unique Technique of Removal of Esophageal Foreign Body: Using Urological Dormia Basket. Scholars Journal of Medical Case Reports 2017; 5(4):258-260
15. An unusual presentation of rectal atresia with rectal duplication cyst in a neonate: A case report Indian Journal of Case Reports. 2015;1(2): 47-49.
16. Anterior Nutcracker syndrome as a rare cause of hematuria in an 8 year old boy: A case report. Pediatric Urology Case Reports 2016;3(5):193-198
17. Aphallia (Penile agenesis) A preliminary report of three cases. Pediatric Urology Case Reports 2017;4(1):243-247
18. A Human Pseudotail with Lipomyelomeningocele. SJAMS Oct 2018: 6(10): 4023- 4025
19. Bedside Repair of Ruptured Omphalocele in Newborn: A Case Report. SM Journal of Pediatric Surgery.2016;2(1):1007.
20. Bowel Intussusception in Premature Baby: Needs High Degree Suspicion for Early Detection Journal of Clinical Neonatology Jan-Mar 2019: 8(1): 57-59
21. Cloacal Exstrophy with Mature Teratoma: A Rare Association in a Neonate. Journal of Neonatal Surgery 2016; 5(2):17
22. Complete sternal cleft — A rare congenital malformation and its repair in a 3- month-old boy: A case report Apr 2016. Journal of Indian Association of Pediatric Surgeons. Apr-Jun 2016 / Vol 21 / Issue 2/ p 78-80
23. Congenital midureteric stricture: A rare entity in pediatric patient. Pediatric Urology Case Reports

2017;3(6):216-220

24. Congenital scaphoid megalourethra associated with posterior urethral valve: A Case Report. *Pediatric Urology Case Reports* 2018; 5(1): 13-15
25. Fibroepithelial polyp of the glans penis in two children, a rare cause of penile mass: A case report. *Pediatric Urology Case Reports* 2016;3(4):89-93
26. Lung gangrene with cavity due to tuberculosis presenting as pneumothorax: a rare complication in pediatric patient. *Scholars Journal of Medical Case Reports*. March 2016; 4(3); 184-186.
27. Mckusick Kaufman syndrome-delayed presentation in an infant. *Scholars Journal of Medical Case Reports* 2016;4(4):212-215
28. Mesenchymal hamartoma of chest wall - A Case Presentation. *Scholars Journal of Medical Case Reports* April 2016;4(4):209-211.
29. Non Hodgkin's lymphoma of the intestine presenting as intussusception in three children– a case report *Scholars Journal of Medical Case Reports* 2016; 4(3):180-183.
30. Pneumothorax in a Neonate after Foreign Body Ingestion. *Journal of Neonatal Surgery* 2016; 5(2):23
31. Retroperitoneal Mature Cystic Teratoma in a Neonate: *Journal of Neonatal Surgery* 2016; 5(2):15
32. Round ligament varicosity in a child: A rare case. *Journal of Pediatric Surgical Specialities*. 2017;11(1):37-39
33. Spontaneous pelvis rupture in a case of hydronephrosis due to pui obstruction a rare complication in a pediatric patient. *Pediatric Urology Case Reports* 2016;3(5):153-157
34. Successful Separation of Omphalopagus Twins: *Journal of Neonatal Surgery* Vol. 5; 2016; 5(1):5
35. Thoracoabdominal pseudocyst of pancreas: A rare location, managed by retrocolicetrogastric Roux-en-Y cystojejunostomy May 2015 *World Journal of Gastrointestinal Surgery* 2015 May 27; 7(5): 71-85.
36. Thoracoscopic management of recurrent spontaneous pneumothorax and incidentally detected eventration of diaphragm in a case of Marfans syndrome. *Scholars Journal of Medical Case Reports* 2016; 4(4):216-219.
37. Thoracoscopic repair of renal ectopia associated with congenital diaphragmatic hernia: Report of two cases. *African Journal of Urology* (2015) 21, 235–238
38. Undetected duplex moiety with ureteropelvic junction obstruction: A Case Report *Pediatric Urology Case Reports* 2018; 5(1):5-8
39. Urethral calculus in an operated case of exstrophy bladder repair. *Scholars Journal of Medical Case Reports* 2016;4(4):220-222
40. Use of composite mesh in gastroschisis: A unique approach Apr 2015. *African Journal of Paediatric Surgery* 2015;12:148-51
41. Traumatic penile injury with successful glans reimplantation *Pediatr Urol Case Rep* 2020; 7(2):52-55
42. A challenging case of congenital diaphragmatic hernia managed successfully: A case report *Journal of Neonatal Surgery* 2019; 8:32

#### **Book Chapters:**

1. 1. Robot assisted laparoscopic heminephrectomy. Geeta Kekre, Arun Srinivasan and Aseem Shukla. Chapter 8, *Minimally Invasive and Robotic -Assisted Surgery in Paediatric Urology* (Springer 2020)

#### **Presentations:**

1. Faculty- Post Graduate CME in Paediatric Surgery at the BJ Wadia Hospital for Children, 2018
2. Outcomes in Primary Duhamel Surgery- Prime Poster at IAPSCON 2014
3. Tuberculous intestinal perforation in a case of Burkitt Lymphoma on Chemotherapy: A case report (Poster at IAPSCON 2014)
4. Right congenital diaphragmatic hernia presenting with primary colonic perforation in a two year old child (Poster at IAPSCON 2014)
5. Torsion Testis in a phenotypic female: A case report ( Poster at MASICON 2012)
6. Foreign Body (Brinjal) in the Peritoneal Cavity ( Poster at MASICON 2012)

#### **Achievements and Awards:**

1. First rank in the university at the MCh examination, 2016 (affiliated to The Maharashtra University of Health Sciences, Nasik.)
2. Fourth rank in the university at the M.S General Surgery examination, 2012 (affiliated to The Maharashtra University of Health Sciences, Nasik.)

3. Consolation prize for poster presentation at MASICON 2012 (The conference of the Maharashtra Chapter of The Association of Surgeons of India.)
4. Successfully completed the ATLS course in 2012.

#### **Scholarships & Fellowships:**

1. WOFAPS Global Scholarship 2018-2019: For an observership with the Divisions of General, Fetal and Thoracic Surgery and of Paediatric Urology at Children's Hospital of Philadelphia, and with the Centre for Colorectal and Pelvic Reconstruction at Nationwide Children's Hospital
2. Paediatric Urology Robotic Minifellowship September 2022 at Comer Children's Hospital, University of Chicago-Medicine under the guidance of Dr. Mohan Gundeti.

#### **Workshops:**

1. Paediatric Robotic Reconstructive Urology and Oncology Workshop, Apollo Proton Cancer Centre, Chennai; December 16-17, 2021
2. The International Robotic- Assisted Laparoscopy Pediatric Urology Workshop; Children's Hospital of Philadelphia, Spring Session: April 22-26, 2019.
3. International Observer Program in General, Thoracic and Fetal Surgery, Children's Hospital of Philadelphia: April 8- 19, 2019
4. International Observer Program in Urology, Children's Hospital of Philadelphia: April 22nd-June 30th, 2019.
5. Observership in the Advanced Training Program in Pediatric Colorectal and Pelvic Reconstruction, Nationwide Children's Hospital, Columbus, Ohio. July 22-Aug 2nd, 201
6. Advanced Minimal Access Paediatric Bronchoscopy and Thoracoscopy Training Course, Centre of Excellence for Minimal Access Surgery Training, Mumbai- September 23rd-25th, 2019.
7. GI Endoscopy Workshop at the 56th Annual Conference of the Indian Academy of Paediatrics, Mumbai –February 2019
8. Reconstructive Paediatric Urology Workshop, SPUCON 2018, by the Department of Paediatric Surgery, Sir JJ Group of Hospitals, Mumbai- June 2018
9. Introduction to Minimal Access Paediatric Surgery, by Centre of Excellence for Minimal Access Surgery Training, Mumbai- January 2016
10. Research Methodology, by Maharashtra University of Health Sciences- September 2015
11. Basic Laparoscopic Surgery, by Ethicon Institute of Surgical Education, Mumbai- December 2014
12. Basic Laparoscopic Surgery, by Ethicon Institute of Surgical Education, Mumbai – July 2011

#### **Memberships:**

Indian Association of Paediatric Surgeons

#### **Roles:**

❖ Role as consultant paediatric surgeon -To develop the Mother and Child Care unit and establish a paediatric minimal access surgery service at the Grant Medical Foundation.  
Played a key role in establishing the Advanced Paediatric Multidisciplinary Clinic at Ruby Hall Clinic in November 2021.

Have enabled the team at Ruby Hall Clinic to perform a number of minimal access procedures in infants and children for the first time including ureteric reimplantation, pyeloplasty, Duhamel pull through for Hirschsprung's disease and so on.

Have organised and conducted academic activities for trainees and staff

❖ Role as Assistant Professor in Paediatric Surgery:

Have performed surgeries for a wide variety of congenital malformations including anorectal malformations, esophageal and intestinal atresias, neural tube defects, urological anomalies, Hirschsprung's disease, congenital cystic lesions of the lung, etc., including laparoscopic and endoscopic procedures.

Conduct lectures for undergraduate and post graduate students, as well as for students of the attached nursing college.

Clinical duties include daily ward rounds with the residents, seeing patients in the OPD, conducting along with the professor and head of the department a weekly opd for urological and spina bifida patients, and attending and supervising all emergency procedures.

Administrative work includes procuring new equipment, resolving matters relating to maintenance and upkeep of the ward and the operation theatre, and maintaining correspondence between the department and

authorities such as the administrative office of the hospital, the Medical Council of India, the Maharashtra University of Health sciences and the Medical Social Worker.

❖ As a resident in Paediatric Surgery:

Actively participated in clinical discussions and decision making as a resident.

Participated in three national conferences and three CME's during this period as well as in workshops in basic laparoscopic techniques.

❖ General surgery training and work experience included extensive exposure to emergency, trauma, oncological and hepatobiliary surgeries, by both conventional and minimal access techniques.

❖ Consistent academic record as an undergraduate student while also participating in seminars, quizzes and extracurricular and social activities. I was instrumental in starting the "Voluntary Blood Donors' Group" at B.J Medical College, Pune, and also captained the girls' basketball team at inter-collegiate events.

**Hobbies and interests:**

My other interests include tennis, swimming and yoga, which help me maintain a level of physical fitness as well as a calm temperament.