

# Curriculum Vitae

## Personal details

**Name** K.R.Vasudevan  
**Name as in passport** Karisangal Vasudevan Ramaswamy  
**Date of birth** 28 July 1975  
**Sex** Male  
**Marital Status** Married  
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## Educational Qualifications

<b>Qualification</b>	<b>Year of passing</b>	<b>Institution</b>
MBBS	1998	Goa Medical College, Goa, India
MS General Surgery	2002	Goa Medical College, Goa, India
Post Doctoral Certificate Course Medical Endocrine Surgery	2004	Sanjay Gandhi Postgraduate Institute Sciences, Lucknow, India
Diplomate National Board Surgical Gastroenterology	2008	National Board of Examinations, New Delhi

## **Present Appointment**

**17th October 2012 till date**

**Sir Ganga Ram Hospital, New Delhi**

Consultant, Department of Liver Transplantation and  
Surgical Gastroenterology

I am a trainer for DNB students in surgical gastroenterology and am the academic coordinator for the department. Am spear heading the use of robotics in surgical gastroenterology. I lead teams in live donor liver transplants and complex hepato-biliary surgery and helped set up a unit for liver transplantation at SGRH, and a department of liver transplantation at HCG hospital Bangalore.

## **Appointments held / clinical experience**

**2011 March 16 October 2012**

**Indraprastha Apollo Hospital, New Delhi**

Consultant, Department of Liver Transplantation and  
Surgical Gastroenterology

I was promoted to being a partner and one of the three lead consultants in a group practice with high volume of hepatobiliary surgery including over 200 live donor liver transplants each year. This phase required me to teach and assist post doctoral fellows in surgical gastroenterology in the theoretical and surgical techniques in liver transplantation. I was a part of the team which would travel to other centers to perform or assist in liver transplantation in programs which were in the initial phases of their learning curve.

**2010 January to 2011 March**

**Indraprastha Apollo Hospital, New Delhi**

Clinical Associate, Department of Liver Transplantation  
and Surgical Gastroenterology

Moved from Bangalore to join my previous mentor, Dr Subash Gupta, at the Center for Liver and Biliary Surgery. This center is a high volume liver transplant center with more than 200 live related transplants being performed each year. Here, I started leading the recipient and donor operations.

**2008 July to 2009 December**

**ColumbiaAsia Referral Hospital, Yeshwanthpur  
Bangalore**

Consultant Surgical Gastroenterology &  
Liver Transplantation

Moved with Dr Sanjay Govil as a team to a new set up, where we continued the hepatobiliary and liver related surgical work. In this hospital, I initiated a monthly tutorial program for post doctoral trainees in surgical gastroenterology in the city.

**2007 September to June 2008**

**Narayana Hrudayalaya, Bangalore**

Consultant Surgical Gastroenterology &  
Liver Transplantation

Following certification worked together with Dr Sanjay Govil, a hepatobiliary and transplant surgeon. In this center we performed mainly pediatric transplants. Here I got my training in basic

laparoscopy and started performing hepatobiliary and surgical gastroenterology cases under supervision.

**July 2007**

**Visiting surgeon  
Thomas Starzl transplant center, University of  
Pittsburgh  
And  
Transplant center of Columbia Presbyterian  
hospital, New York**

Rotated through the liver transplantation departments including out patient office, wards and operating room for two weeks each in the above programs. Participated in organ retrievals in both units as well as their academic programs.

**2004 August to 2007 August**

**Sir Ganga Ram Hospital, New Delhi**  
DNB resident, Department of Surgical  
Gastroenterology & Liver Transplantation

This was a structured training program leading to a post doctoral certification from the national board of examinations of India. The program is the leading program in the country with a high volume of hepatobiliary and pancreatic work load. This was the first live related liver transplant center in the country, and as a fellow I assisted in both the donor and recipient operations and was involved in pre operative and post operative care of liver recipients. This exposure generated my interest in liver transplantation. During my second year, I was elected the chief fellow and had administrative responsibility of the surgical fellows.

**2003 July to 2004 June**

**Sanjay Gandhi Postgraduate Institute of Medical  
Sciences, Lucknow**

Fellow endocrine and breast surgery

**2003 January to 2003 June**

Resident endocrine and breast surgery

This rotation was in one of the premier teaching institutions in India, with the first teaching unit in Endocrine Surgery. Here, I was exposed to the state of the art in surgical procedures and teaching methods in Endocrine Surgery. I obtained a one year post doctoral certification in Endocrine Surgery.

**2002 Oct to 2002 Dec**

**Goa Medical College, University Hospital**  
Senior resident, Trauma unit

**1999 Sept to 2002 Sept**

Junior Resident in Surgery

My initiation in General Surgery commenced as house officer followed by Senior House Officer at the university teaching hospital, Goa. The senior house officer appointment was a structured 3 year program in general surgery, urology, acute emergency and trauma.

**1999 Mar to 1999 Sept**

**Goa Medical College, University Hospital**  
Junior Resident in Radiology

**1998 Jan to 1998 Dec**

**Goa Medical College, University Hospital**

**Membership of professional bodies**

- 1. Association of Surgeons of India**
- 2. Indian Association of Surgical Gastroenterology**

**Contribution to Book Chapters**

**1. Post liver transplantation care and complications. - Text book of GI surgery, 2nd edition. Editors: Sanjiv Haribhakti and Anish Nagpal**

**Awards / Academic achievements**

1. Travel grant by International Liver Transplant Society for abstract at the 18th Annual International Conference, 2012 (to Dr Giriraj, my fellow on presenting my concept)
2. "Young Investigator Award" by International Liver Transplant Society for abstract at the 13th Annual International Conference, 2007
3. College Prize in Pharmacology 1996
4. National Scholarship Certificate in lieu of monetary scholarship, awarded by Government of Goa, 1994
5. XII standard, (A-level) 1993: Ranked 15th in the state of Goa
6. X standard (O-level) 1991: Ranked 96th in the state of Goa

**Training Courses attended**

1. Minimally invasive HPB surgery: GEM Hospital, Coimbatore. Feb 2015

**Oral Presentations**

**International**

1. Indian experience with living donor liver transplantation in children-International update on liver transplantation and portal hypertension, under aegis of IVth National Conference of The Indian Chapter of International Hepato-Pancreato-Biliary Association, Lucknow, 2007
2. Management of recipients with portal vein thrombosis in live donor liver transplantation- 13<sup>th</sup> Annual International Conference of International Liver Transplant Society, Rio de Janeiro, 2007

(We were one of the earliest groups to demonstrate that live donor liver transplantation in patients with preexisting portal vein thrombosis is safe, with results equivalent to deceased donor liver transplantation.) This paper was awarded the "Young Investigator" award.

3. Hepatic artery stenosis after live donor liver transplantation- observe or intervene? 17th Annual International Conference of International Liver Transplant Society, Valencia, 2011

(We were the first group to show that hepatic artery stenosis seen after the second week of live donor liver transplantation did not require preemptive management.)

4. Corrected Portal Pressure of > 15mmHg Correlates with Early Graft Dysfunction While Absolute Portal Pressure Doesn't. 18th Annual International Conference of International Liver Transplant Society, San Francisco.

(We showed for the first time that corrected portal pressure is a better predictor of early graft dysfunction than absolute portal pressure.) This paper was awarded a travel grant.

**National**

1. Medullary carcinoma thyroid: Experience from one center-33<sup>rd</sup> Annual conference of the Endocrine Society of India, Bangalore, 2003
2. Management of recipients with portal vein thrombosis in live donor liver transplantation- XVI<sup>th</sup> National Conference of Indian Association of Surgical Gastroenterology, Lucknow, 2006
3. Does hypophosphatemia in liver donors spell doom?- XVIIth National Conference of Indian Association of Surgical Gastroenterology, New Delhi, 2007

## **Publications in scientific journals**

1. Soin AS, Vasudevan KR. A successful deceased-donor liver transplant program is not a prerequisite for a living-donor program. *Indian J Gastroenterol* 2006;25:305-307
2. Vij V, Ramaswamy VK, Goja S, Dargan P, Mallya A, Goyal N, Gupta S. Intraoperative no go donor hepatectomy in living donor liver transplantation. *Am J Transplant*. 2010 Sep; 10(9):2181-2
3. CMV infection: incidence and management in CMV seropositive Living Related Liver Transplant (LRLT) recipients: a single center experience. Manav Wadhawan, Subash Gupta, Neerav Goyal, K R Vasudevan, Kausar Makki, Reetika Dawar, Raman Sardana, Nand Lal, Ajay Kumar. *Accepted Liver Transplantation*
4. Major liver resection without preoperative biliary drainage in jaundiced patients with hilar biliary obstruction. Govil Sanjay, K R Vasudevan. *Accepted Indian Journal of Gastroenterology*
5. Congenital hepatic fibrosis with extra hepatic porto-systemic shunt and Hepato-pulmonary syndrome successfully managed with Living related Liver Transplantation. Sunil Taneja, Vasudevan KR, Wadhawan M, S Gupta et al. *Accepted Tropical Gastroenterology*
6. Emergency liver transplant in a patient with child-pugh class C cirrhosis and strangulated umbilical hernia. Chaudhary A, Daga S, Ramaswamy VK, Agarwal S, PAreek S, Ramdip R, Wadhawan M, Gupta S. *Experimental and Clinical Transplantation*. 2013 Feb 11(1) 66-67.

## **Abstract Publications and poster presentations**

7. Vasudevan.K.R, Sanjay Govil. Is it safe to perform hepatic lobectomy in jaundiced patients? *Tropical Gastroenterology* 2009; 30(3) Supp 3, L2
8. Soin AS, Vasudevan KR, Mohan N, Kakodkar R, Nundy S. Indian experience with living donor liver transplantation in children. National conference, Indian chapter IHPBA 2007
2. Vasudevan.K.R, Sanjay Govil. The role of peri-cystectomy for hydatid cysts of the liver. *Tropical Gastroenterology* 2009; 30 (3) Supp 3, L3
3. Vasudevan.K.R, Sanjay Govil. Difficulties in staging hepatocellular carcinoma in cirrhotics. *Tropical Gastroenterology* 2009; 30 (3) Supp 3, L2
4. Shridhar V. Sasturkar, K. R. Vasudevan, Sanjay Goja, Puneet Dargan, Pankaj Lohia, Manav Wadhawan, Neerav Goyal, Vivek Vij, Subash Gupta. Experience on Young Donors with Low GRWR in Adult to Adult Living Related Liver Transplantation. *Liver Transplantation* 2010 16 S1 page 137
5. Kausar Makki, Manav Wadhawan, K. Vasudevan, Pankaj Lohia, Vivek Vij, Neerav Goyal, Sanjay Goja, Puneet Dargan, Subash Gupta. Profile of CMV Infection and Disease in Liver Transplant Program in Indian Subcontinent. *Liver Transplantation* 2010 16 S1 page 159
6. Subash Gupta, Ramdip Ray, Neerav Goyal, Vasudevan KR, RP Singh, Shishir Pareek, Manav Wadhawan. Donor outcomes in a series of 524 Right Lobe Living Related Liver transplants at a single center. *Tropical Gastroenterology* 2011; 32(3) Supp 3, page S60
7. Karzan S, Ramdip R, Shishir P, Singh RP, Vasudevan KR, Goyal N, Wadhawan M, Gupta Subash. Outcomes of liver transplantation in patients with hepatocellular carcinoma - Single Center experience. *Tropical Gastroenterology* 2011; 32(3) Supp 3, page S63
8. Giriraj Bora, Ramdip R, Shishir P, Agarwal S, Singh RP, Vasudevan KR, Goyal N, Wadhawan M, Gupta Subash. Patency of portal vein graft: analysis of 323 Living Related Liver Transplants. *Tropical Gastroenterology* 2011; 32(3) Supp 3, page S63

9. Arunkumar ML, Ramdip R, Shishir P, Agarwal S, Singh RP, Vasudevan KR, Goyal N, Wadhawan M, Gupta Subash. Which is better? Duct to duct / Hepaticojejunostomy / Both - In a right lobe graft with two ducts in adult living related liver transplantation. *Tropical Gastroenterology* 2011; 32(3) Supp 3, page S57
10. Arunkumar ML, Ramdip R, Shishir P, Agarwal S, Singh RP, Vasudevan KR, Goyal N, Wadhawan M, Gupta Subash. Can intraoperative portal pressure predict postoperative outcome in adult living related liver transplantation? *Tropical Gastroenterology* 2011; 32(3) Supp 3, page S58
11. Rajesh Nambiar, Gupta Subash, Goyal N, Wadhawan M, Vasudevan KR, Ramdip R, Singh RP,. Right lobe graft arterial inflow- Right or left? *Tropical Gastroenterology* 2011; 32(3) Supp 3, page S54
12. Arunkumar ML, Ramdip R, Shishir P, Agarwal S, Singh RP, Vasudevan KR, Goyal N, Wadhawan M, Gupta Subash. Porta sparing liver resection - Is it possible? Is it safe? *Tropical Gastroenterology* 2011; 32(3) Supp 3, page S58
13. Nerav Goyal, Vasudevan Kr, Ravinder Pal Singh, Shishir Pareek, Ramdip Ray, Shaleen Agarwal, Subash Gupta. Bile duct transection technique in right lobe donor hepatectomy. *Tropical Gastroenterology* 2011; 32(3) Supp 3, page S53
14. Nerav Goyal, Vasudevan Kr, Ravinder Pal Singh, Shishir Pareek, Ramdip Ray, Shaleen Agarwal, Subash Gupta. Technique of knots outside biliary reconstruction in Right Lobe Liver Transplantation. *Tropical Gastroenterology* 2011; 32(3) Supp 3, page S58
15. Neerav Goyal, Kausar M, Vivek Vij, Puneet Dargan, K R Vasudevan, RP songh, Vishal Chourasia, Subash Gupta. Towards 100% triphasic flow in right hepatic vein and avoidance of right hemidiaphragmatic paralysis in right lobe living related liver transplantations- technical modifications. *Liver Transplantation* 2011; 17(6) Supp 1 page S181
16. Vishal Chourasia, Kausar M, RP Singh, KR Vasudevan, Puneet Dargan, Neerav Goyal, Vivek Vij, Subash Gupta. Incidence of portal vein thrombosis in patients with chronic liver disease and its management during living related liver transplantation. *Liver Transplantation* 2011; 17(6) Page Supp 1 S183
17. Kausar Makki, Vishal Chourasia, Ramdip Ray, Vivek Vij, Neerav Goyal, Puneet Dargan, KR Vasudevan, RP Singh, Subash Gupta. Techniques for portal vein reconstruction in pediatric liver transplant recipients at our center. *Liver Transplantation* 2011; 17(6) Supp 1 page S294
18. Shishir Pareek, Neerav Goyal, Vishal Chourasia, RP Singh, KR Vasudevan, Puneet Dargan, Vivek Vij, Subash Gupta. HLA in living related liver transplantation- is it necessary? *Liver Transplantation* 2011; 17(6) Supp 1 page S276
19. Vishal Chourasia, Kausar Makki, RP Singh, KR Vasudevan, Puneet Dargan, Neerav Goyal, Vivek Vij, Manav Wadhawan, Subash Gupta. Predictors of poor outcome following living related liver transplantation in adults with end stage liver disease. *Liver Transplantation* 2011; 17(6) page S168
20. Ramdip Ray, Kausar Makki, Neerav Goyal, KR Vasudevan, Puneet Dargan, Subash Gupta, MANav Wadhawan, Vishal Chourasia. Complications requiring abdominal reexploration following living related liver transplantation: an analysis of 424 consecutive LRLT. *Liver Transplantation* 2011; 17(6) Supp 1 page S236
21. Kausar Makki, Vishal Chourasia, Manav Wadhawan, Neerav Goyal, Vivek Vij, Puneet Dargan, KR Vasudevan, RP Singh, Pankaj Lohia, Subash Gupta. Recidivism after liver transplantation in acute alcoholic hepatitis vs alcoholic chronic liver disease: do the results justify transplant in nonabstinent alcoholics? *Liver Transplantation* 2011; 17(6) Supp 1 page S286
22. G Singh, N Goyal, S Agarwal, Vasudevan KR, S Pareek, R Ray, A Chaudhary, S Gupta. Dual arteries in right lobe living donor liver transplantation: A single center experience. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S64
23. S Ali, G Bora, S Taneja, S Agarwal, Vasudevan KR, P Lohia, M Wadhawan, N Goyal, S Gupta. Left renal vein ligation for large splenorenal shunts in living donor liver

- transplantation: A selective approach. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S65
24. Raghevendra CV, R Ray, Vasudevan KR, S Agarwal, S Pareek, A Chaudhary, N Goyal, S Gupta. Complications requiring abdominal exploration following living related liver transplantation: An analysis of 800 consecutive LRLT's. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S66
  25. Raghevendra CV, R Ray, Vasudevan KR, S Agarwal, S Pareek, A Chaudhary, N Goyal, S Gupta. Techniques and outcome of accessory hepatic vein anastomosis in living donor liver transplantation in single unit. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S66
  26. A Yadav, N Goyal M Wadhawan, S Gupta, Vasudevan KR, S Agarwal. Routine hepatobiliary scan in donors following partial hepatectomy significantly reduces major biliary morbidity. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S72
  27. Neerav Goyal, Shishir Pareek, Vasudevan KR, Ramdip Ray, Shaleen Agarwal, Abhideep Chaudhary, Subash Gupta. Hepatic duct transection technique in living donor liver transplant; simple safe and reproducible. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S73
  28. K Rajashekar, N Goyal, Vasudevan KR, A Chaudhary, S Agarwal, S Gupta. Radical surgery for hydatid cyst of the liver: A single center experience. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S74
  29. G Bora, N Goyal, M Wadhawa, S Agarwal, KR Vasudevan, S Gupta. Corrected portal pressure > 15mm hg correlates with early graft dysfunction while absolute portal pressure does not. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S75
  30. G Bora, N Goyal, M Wadhawa, S Agarwal, KR Vasudevan, S Gupta. Routine intraoperative cholangiogram to reduce bile leak in living related liver transplantation. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S75
  31. Vasudevan KR, S Gupta, N Goyal, M Wadhawan. Small for size in live donor liver transplantation: function matters as much as graft size! *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S77
  32. A Chaudhary, P MohMoh, N Goyal, Vasudevan KR, S Agarwal, S Pareek, R Ray, S Taneja, M Wadhawan, S Gupta. Computed tomography liver volumetry using Myrian and Vitrea: a comparative study of 2 software programs. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S78
  33. K Rajashekar, N Goyal, Vasudevan KR, A Chaudhary, S Agarwal, S Gupta. Explanted liver as an educational resource for training in liver surgery. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S78
  34. S Ali, S Pareek, R Ray, S Agarwal, A Chaudhary, Vasudevan KR, P Lohia, M Wadhawan, N Goyal, S Gupta. Results of retro-grade mesenteric thrombectomy in acute mesenteric venous thrombosis with small bowel gangrene. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S126
  35. M J Mansard, Vasudevan KR, N Goyal, S Gupta. Experience with magnification loupes for pancreatico-jejunostomy in Whipple procedure. *Tropical Gastroenterology* 2012; 33(3) Supp 1 page S115
  36. Abhishek Y, Subash Gupta, N Goyal, Manav W, KR Vasudevan. Routine hepatobiliary scan in donors following partial hepatectomy significantly reduces major biliary morbidity. *Liver Transplantation* 2012; page S107
  37. Corrected portal pressure of >15mm hg correlates with early gpart dysfunction while absolute portal pressure does not. *Liver Transplantation* 2012; page S90

### **Lectures given in national and international conferences as faculty**

1. Intra operative disaster management: Hilar cholangio carcinoma is detected to be inoperable after bile duct transection. National Conference of Indian Association of Surgical Gastroenterology, Mumbai 2009
2. The Transplant Society: Key Opinion Leaders Meeting- Goa, Feb 2011. Middle hepatic vein in live related liver transplantation.
3. Preexisting portal vein thrombosis in recipient in live related liver transplantation. National Conference of Indian Association of Surgical Gastroenterology, Bangalore 2012
4. Neoadjuvant therapy for cancer pancreas. National Conference of Indian Association of Surgical Gastroenterology, Bangalore 2012
5. Tips and tricks in donor hepatectomy: middle hepatic vein retrieval with right lobe graft. National conference of International Hepato Pancreatico Biliary Association, Coimbatore 2013
6. Whats new: Is modified Appleby procedure justified? National conference of International Hepato Pancreatico Biliary Association, Coimbatore 2013
7. Transplantation for HCC. Hepatocon December 2013 Lahore: Annual conference of Pakistan society of Hepatology.
8. Liver transplantation in India, Achievements and lessons learnt. Hepatocon December 2013 Lahore: Annual conference of Pakistan society of Hepatology.
9. Donor recipient matching in live donor liver transplantation. @nd Annual meeting of South Asian Association for study of the Liver. September 2014, New Delhi.
10. Issues in liver transplantation for acute liver failure. Hepatocon February 2015 Karachi: Annual conference of Pakistan Society of Hepatology.



**Teaching experience**

At Columbia Asia hospital in Bangalore, I initiated a teaching program for post doctoral students of surgical gastroenterology in the city. One Sunday a month, one topic in surgical gastroenterology would be extensively covered in interactive discussions to prepare for the theory and practical parts of their exit examination. An average of 25 students attended each session. A total of 12 sessions were conducted.

In my roles at Apollo hospital Delhi and Sir Ganga Ram Hospital, I was involved in the teaching of students enrolled for Diplomate of National Board of Examinations, in Surgical Gastroenterology. This is a post doctoral 3 year fellowship training program, and the program at Sir Ganga Ram Hospital is one of the top 3 in the country. At Sir Ganga Ram Hospital, I am the coordinator for academics for the department. I am a recognized trainer for the post graduate fellows for the national board of examinations in Surgical Gastroenterology. I have been the guide for two candidates for the DNB surgical gastroenterology course (equivalent to phd or super-specialization), one in each year 2014 and 2015, and co-guide for a candidate in 2013.

**Interest outside Academics**

Sports: represented the Goa Medical college in football and badminton.

Jaycees: Was founder president of junior wing of Jaycees at Mormugao Port Trust chapter, Goa.

Reading: Avid reader, interested in books related to business administration and self help.

**Career Goals**

To establish a center of excellence in liver transplantation and surgical gastroenterology in the country. To make the center internationally recognized, I would make all efforts to publish clinical work and encourage research.

**Summary**

Prime interest lies in the field of HPB surgery and liver transplantation with emphasis of live donor liver transplantation. Been a part of over 750 Live Related Liver Transplants, and built and led teams to perform the procedure, including an unit in Sir Ganga Ram Hospital. Involved in over 150 pancreaticoduodenectomies and other complex hepatobiliary surgeries.

Long term vision is to contribute to the community by setting up a liver and surgical gastroenterology center, delivering results comparable to the best in the world, and to the medical fraternity by furthering clinical research and technology to aid patient health care delivery.

## References

### **Dr. Saumitra Rawat**

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### **Dr. Subash Gupta**

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