



## Curriculum Vitae

Personal information **Ann Karimova**

### Work experience

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2003 – CURRENT – London, United Kingdom  
CONSULTANT, PEDIATRIC CARDIAC CRITICAL CARE AND EXTRACORPOREAL LIFE SUPPORT – Great Ormond Street Hospital for Children NHS Trust  
My subspecialty is cardiac critical care in tertiary pediatric center and as such I mostly manage children with cardio-vascular issues. Patients range from neonates to adolescents and responsibilities include: recovery after open-heart surgery; diagnosis and care of babies with congenital heart lesions; care of children with end stage heart failure (including after heart or lung transplants). Our unit also focuses on infants and children with critical failure of vital functions, offering extracorporeal mechanical heart and/or lung support to recovery, and ventricular assist devices as bridge to transplantation. My primary role is clinical, managing cardiac units with 21 beds. Other aspects of my job include: postgraduate education and mentorship of junior doctors and nurses, clinical research and participation in the management of the unit.

2015 – CURRENT – London, United Kingdom  
HON. SENIOR LECTURER – University College London, Institute of Child Health  
My academic activities are centred around clinical and translational research on feasibility and safety of cardiac mechanical support in infants and children. I have regularly published in peer reviewed international journals and I have been invited to speak at national and international conferences, courses and workshops on these topics.

2001 – 2002 – London, United Kingdom  
CLINICAL FELLOW, PEDIATRIC CARDIAC CRITICAL CARE – Royal Brompton & Harefield Hospital Trust  
This was my first NHS job in the UK and along side my clinical duties I learned about the UK health care system.

1995 – 2001 – Prague, Czechia  
CONSULTANT, NEONATAL AND PEDIATRIC INTENSIVE CARE – Clinic of Paediatric and Adolescent Medicine  
At this job I worked on a mixed neonatal and pediatric unit looking after a wide spectrum of patients, including babies with perinatal pathologies and infants and children with complex life threatening conditions, including patients in metabolic failure caused by congenital metabolic disorders.

1997 – 1998 – New York, United States  
FULBRIGHT FOUNDATION RESEARCH FELLOW – Division of Circulatory Physiology and Molecular Biology Columbia University  
During 1997-98 I was awarded a Fulbright Fellowship to join Columbia University's cardio-vascular science laboratory. Our research on novel endothelial signalling pathways resulted in number of publications including paper in high-impact journal Nature Medicine.

1989 – 1994 – Prague, Czechia

JUNIOR DOCTOR IN TRAINING – 1st Medical Faculty, Charles University

## Education and training

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2004 – Prague, Czechia  
PAEDIATRICS (LEVEL 1 AND 2) – Institute for Postgraduate Medical Education

1995 – Prague, Czechia  
NEONATOLOGY – Institute for Postgraduate Medical Education

2001 – Philadelphia, United States  
USMLE (STEP 1 AND 2) – United States Medical License Examinations, Philadelphia

1989 – Prague, Czechia  
DOCTOR OF MEDICINE – Second Faculty of Medicine, Charles University

## Additional information

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### Publications

Melody valve in aortic position to facilitate mechanical circulatory support as a bridge to cardiac transplantation. *Ann Thorac Surg*  
<https://pubmed.ncbi.nlm.nih.gov/31568748/> – 2020

Antithrombotic therapy in pediatric ventricular assist devices. Multicenter survey of the European EXCOR Pediatric Investigator Group. *Int J Artif Organs*  
<https://pubmed.ncbi.nlm.nih.gov/29749291/> – 2018

Closing the gap in paediatric ventricular assist device therapy with the Berlin Heart EXCOR® 15-ml pump. *Interact Cardiovasc Thorac Surg*  
<https://pubmed.ncbi.nlm.nih.gov/28453795/> – 2017

Post-operative ICU Care for the Pediatric Ventricular Assist Device Patient. In *Pediatric Ventricular Assist Devices: ISHLT Monograph Series*  
[https://ishltregistries.org/ContentDocuments/Publications\\_Monograph\\_11.pdf](https://ishltregistries.org/ContentDocuments/Publications_Monograph_11.pdf) – 2017

Cardiac Mechanical Support. In *Roger's Textbook of Pediatric Intensive Care* (5 edition)  
<https://shop.lww.com/Rogers--Textbook-of-Pediatric-Intensive-Care/p/9781451176629> – 2015

New 15-mL ventricular assist device in children with restrictive physiology of the left ventricle. *J Thorac Cardiovasc Surg*  
<https://pubmed.ncbi.nlm.nih.gov/24690363/> – 2014

Right ventricular dysfunction in children supported with pulsatile ventricular assist devices. *J Thorac Cardiovasc Surg*. 2014  
<https://pubmed.ncbi.nlm.nih.gov/24342898/> – 2014

A longer waiting game: Bridging Children to Heart Transplant with the Berlin Heart EXCOR device - the UK experience. *J Heart Lung Transplant*  
<https://pubmed.ncbi.nlm.nih.gov/24060499/> – 2013

Extracorporeal membrane oxygenation and term neonatal respiratory failure deaths in the United Kingdom compared with the United States: 1999 to 2005. *Pediatr Crit Care Med*  
<https://pubmed.ncbi.nlm.nih.gov/19593243/> – 2010

Neonatal extracorporeal membrane oxygenation: practice patterns and predictors of outcome in the UK. *Arch Dis Child Fetal Neonatal Ed*  
<https://pubmed.ncbi.nlm.nih.gov/18829617/> – 2010

### Projects

### Memberships

### Other Relevant Information