

Curriculum Vitae

Personal information **Shteryu Boyadzhiev**

Work experience

Date From-Date to: 09.2017 - Present

Experience: Hospital Name: **University Hospital "Lozenetz", Sofia, Bulgaria**

Position: **Senior Consultant Neonatologist NICU**

Head of Neonatal Intensive Care Unit

Currently, Head of NICU:

- Undertaking daily business/teaching ward rounds on NICU.
- Undertaking teaching, training and assessment of junior medical staff, nurses, students
- Attend high risk deliveries where indicated.
- Counselling parents of infants on NICU, delivery unit as needed.
- Meet daily with obstetricians and midwives to discuss the timing of delivery and management of complicated pregnancies.
- Provide continuous day time unit cover and support for the NICU and its entire staff.
- Provide clinical advice as requested from other hospitals within the region.
- Provide handover to the out-of-hours Consultant.
- Supervise doctors in training and complete competency assessments as needed.
- Care of the high-risk newborn and proficiency in neonatal neurodevelopmental follow-up.
- Follow up clinics of high-risk newborns especially leading neonatal neurodevelopmental follow up and specialty.
- Antenatal and bereavement counselling.
- Patient safety, development of protocols and administrative duties.
- Teaching: nursing staff, medical students and other members of staff.
- Supervise doctors in training and complete competency assessments as needed.
- Committed to provide, advance and promote excellence in clinical care, education and quality improvement of the service.
- Share with colleagues the responsibility for day-to-day management of the NICU and all associated work.

Date From-Date to: 01.10.2019 - Present

Honorary Senior Lecturer at Sofia University "St.Kliment Ohridsky" - Faculty of Medicine

Sofia, Bulgaria

- Assess students and stimulate them to have the opportunity to be engaged and challenged.
- Design appropriate assessment methods and ensure established standards are maintained and timescales adhered to.
- Provide support, counselling, and tutorials to students.
- Work co-operatively with academic colleagues as a member of teaching and research teams.
- Create a positive image of the University by being responsive and promptly responding to requests and enquiries.
- Develop syllabuses and learning materials as appropriate and in accordance with university quality enhancement policy and processes, professional body requirements and with the aim of creating interest and learning amongst students.
- Giving a presentation to a group with diverse levels of understanding on a subject (e.g. Lectures).
- Contribute to the planning of Continuous Professional Development (CPD) activity in Neonatology and all related aspects.
- Encouraging and promoting effective and reflective teaching through example, support and advice.
- Developing and enforcing appropriate quality assurance mechanisms.
- Teaching international students while in Neonatology module as per educational programme

Date From-Date to: 01.09.2017- 01.02.2020- Ad hoc locum cover.

Hospital Name: **Cambridge University Hospitals NHS Foundation Trust Addenbrooke`s Hospital, Rosie Maternity Hospital Cambridge, UK**

Chelsea&Westminster Hospital NHS FT, London, UK

Position: **Senior Clinical Fellow – NICU and Neonatal Transport Level 3**

Date From-Date to: 01.12/2014 – 01.09.2017

Hospital Name: **Cambridge University Hospitals NHS Foundation Trust Addenbrooke`s Hospital, Rosie Maternity Hospital Cambridge, UK**

Position: **Senior Clinical Fellow – NICU and Neonatal Transport Level 3**

Senior Clinical Fellow - department of Neonatal Medicine and Neonatal Transport – EOA NHS
I was working full time on a middle grade rota covering all aspects of neonatal emergencies-level 3 NICU and acute

and elective Neonatal transport covering the whole East of England area.
Worked as a Senior clinical fellow in ANTS gave me the opportunity to develop skills and expertise in all aspects of neonatal transport medicine:

- Clinical management of the sick newborn (stabilisation and transfer)
- Skills in triage and prioritisation
- Communication with parents and different teams
- Governance, organisational and legal aspects of transport medicine
- Audit, research and development of clinical guidelines
- Teaching multi-disciplinary teams
- Use of simulation for teaching and training.

In this post, I gain experience in the management of referrals from the initial call, organising the team and transport, working with referring and receiving units in the stabilisation of the newborn and performing the transfer. This post gave me unique clinical exposure to the transport medical and surgical emergencies in neonatal practice, with training in stabilisation and safe transfer.

When in Neonatal Intensive Care:

There was an opportunity to consolidate practical procedures and clinical skills relevant to neonatal intensive care-level 3. For example: airway management with mask ventilation, endotracheal intubation, peripheral arterial cannulation, UAC, UVC, chest drain insertion, long-line insertion, lumbar puncture and ventricular taps, cranial ultrasound, and cardiac echocardiography. Experience for using different ventilation strategies including the use of conventional and high frequency ventilation and inhaled nitric oxide in NICU also during the transport as well. There are opportunities to gain experience in the following areas.

- Extreme prematurity
- Stabilisation and transport of the neonates with cardiac conditions
- Stabilisation and transfer after PDA ligation
- Care of neonates with surgical conditions including Gastroschisis, NEC
- Therapeutic hypothermia for hypoxic ischaemic encephalopathy
- Managing congenital anomalies
- Palliation or redirection of care

There were also opportunities for:

- Antenatal counselling of high-risk pregnancies
- Neonatal follow-up including neurodevelopmental review clinics.

Date From-Date to: 8.05.2013 – 11/2014

Hospital Name: **Chelsea&Westminster Hospital NHS Foundation Trust, London, UK**

Position: **Specialist Registrar – NICU Level 3**

I was working in the neonatal intensive care unit at Chelsea & Westminster Hospital until 11.2014 - the unit is a busy tertiary surgical referral centre for NW London, looking after babies with complex surgical problems. I worked full time on the middle grade rota covering all aspects of neonatal medicine and labour ward emergencies - level 3 NICU.

There was opportunity to gain experience of managing complex surgical cases.

Tertiary neonatology. Duties in NICU, high dependency and post natal care in Level 3 unit, ventilating down to 24 weeks' gestation.

Also neonatal neurodevelopmental and high-risk newborn follow up clinics.

Date From-Date to: 01.03.2013 – 7.05.2013

Hospital Name: **Private UMHAT Virgin Mary Burgas, Bulgaria**

Position: **Consultant Neonatologist – Neonatal lead/Head of Neonatal Department, Level 3**
www.devamaria.com

I was consultant neonatologist /full time post/, head of neonatal unit - level 3 , covering all aspects of Neonatal/labour ward emergencies.

As an attending consultant I held direct responsibility for neonates requiring intensive, low dependency and postnatal ward care.

I was responsible for induction programme of new starters and medical rota as well. Additional managerial responsibilities in organizing the departmental junior doctor teaching programme, orientation programme and junior doctor clinical schedule.

I was leading the Neonatal Neurodevelopmental follow up clinic.

Tertiary neonatology. Duties in NICU, high dependency and post natal care in Level 3 unit, ventilating down to 24 weeks' gestation.

Also neonatal follow up clinics.

01.2012 – 05.2013 – NICU /level 3, level 2/Ad hoc locums in different Hospitals across the UK - SHO, SpR

2015/2016/2017/2018 - Locum Consultant – ad hoc shifts, UK

01.08.1999 - 28.02.2013 - **MHAT Asenovgrad Bulgaria**

Paediatric/Neonatal Department - Consultant **Neonatologist**

That was combined job - general paediatrics and neonatology - level 2 unit. Duties in: Acute paediatrics, general paediatric outpatients -neurodevelopmental follow up clinics and level 2 neonatology. Emergency and long-term treatment of neonates (level 2 unit) and general paediatrics. Clinics were once a week in general paediatrics or neonatal neurodevelopmental follow up. I updated the local neonatal guidelines.

During my 4 years' training in Neonatology I have gained broad experience in many aspects of the speciality, which, during my Higher Specialist Training, I have refined to fit the skills required as a consultant in the Neonatology setting.

Additional managerial responsibilities in organizing the departmental junior doctor teaching programme, orientation programme and junior doctor clinical schedule.

I have led audit teams examining various aspects of high dependency, low dependency and postnatal ward care, which have led to changes in practice, enhanced guideline development, and tangible improvements in care.

I address all issues of risk management, child protection and complaints arising at time of attending the clinical service, as well as coordinating parent communication and bereavement counselling when attending .

15.02.2011 – 01.02.2012 - **MHAT Asenovgrad Bulgaria**

Emergency Department – **Head of team**

01.10.2008 – 01.10.2012- **Medical University Plovdiv Bulgaria**
Clinic of Neonatology NICU- University Hospital St.George - Resident
Regional Level 3 NICU

A four-years rotation within the competitive national grid neonatal training programme.

That was level 3 regional neonatal intensive care unit with HDU, SCBU and postnatal ward with all aspects of neonatal emergencies after 24 weeks of gestation.
Tertiary neonatology. Duties in NICU, high dependency and post natal care in Level 3 unit, ventilating down to 24 weeks' gestation.

Also Neonatal follow up clinic.

1997 – 1999 Emergency Health Care Centre Asenovgrad

Emergency Medicine Doctor – Head of Resuscitation team

Education and training

01.2021-03.2023 - **Master of Healthcare management**, UARD – Plovdiv, Bulgaria

03.12.2020 – **Specialist/Consultant Paediatrician**

Faculty of Medicine at Sofia University “St.Kliment Ohridsky”

Sofia, Bulgaria – CCT № 000162

18.12.2012 – **Specialist/Consultant Neonatologist**

Faculty of Medicine – Medical University – Plovdiv, Bulgaria CCT № 001869

1989 – 1996 Medical **University Plovdiv, Bulgaria**

Master of Medicine

Graduated Summa cum laude.

Acknowledged the qualification of physician Diploma– № 000945/09.09.1996.

1984 – 1987 Professional **School** “Dimitar Blagoev” – Asenovgrad, Bulgaria

17 – 29.10.2010 - Course of Neonatal Cardio-Pulmonary Resuscitation - Medical University – Sofia Bulgaria

Lecturer: Prof. Roland Wauer – University Hospital Charite, Berlin, Germany.

18 – 20.03.2010 First German-Bulgarian Seminar of Neonatology

Sofia – Bulgarian Association of Neonatology

Lecturers: Prof. R. Wauer, Prof. Burer - University Hospital Charite,
Berlin, Germany

13 - 15.10.2011 Participation in Second Congress of Neonatology with international visiting Professor.

17.04.2012 – 17.05.2012 – Neonatal Intensive Care - NICU – Paediatric University Hospital, Sofia, Bulgaria

24 – 25.08.2012 Participation in First Neonatal Summer School- University Hospital Charite Berlin Germany

18.12.2013 – Adult&Paediatric BLS, Anaphylaxis&AED – Chelsea&Westminster Hospital NHS Foundation trust,
London, UK

30.07.2013 – Neonatal Life Support Course – Chelsea&Westminster Hospital NHS FT, London, UK

1-3.12.2014 – Completion of Mandatory Training at Addenbrookes Hospital NHS FT, Cambridge, UK

25.02.2015 – Safeguarding Children & Young People – Levels 1, 2, 3

Cambridge University Hospitals, Cambridge, UK

17.04.2015 – 180 Communication Skills Intermediate Course, Cambridge, UK

30.04.2015 – Transport Study Day – Acute Neonatal Transfer Service East of England NHS, Cambridge, UK

11.2015 – Paediatric and Neonatal Echocardiography, Cambridge Perinatal Group, Cambridge, UK

03.2016 – Train the trainer course, Cambridge, UK

03.2016 - Breaking Bad News & Handling Difficult Questions, Cambridge University Hospitals, Cambridge, UK

04.2016 – 1-st Annual Symposium – Advancing Neonatal Care in the Delivery Room, Cambridge, UK

06.2016 – **Bayley Scale Course**, Cambridge, UK

06.2016 – Your clinical practice in the eyes of the low, Cambridge, UK

10.2016 – Mastering Difficult Interactions with Patients workshop, MPS, Cambridge, UK

11-13.11.2016 – Participation in 3-rd National Neonatal Congress with international speakers, Plovdiv, Bulgaria

11.2016 – Basic life support /Adult, Paediatric, Neonates / - update, Cambridge University Hospitals, Cambridge, UK

2.12.2016 – Essentials of Medical Leadership and Management Course for Doctors, Oxford Medical Training, London, UK

27.04.2017 – ANTS stabilization day, Cambridge, UK

12-14.10.2018 – 6-th National Neonatal Conference with international speakers – Newborn infections, Tryavna, Bulgaria

19-21.10.2018 – 8-th National Conference of Emergency Paediatrics, Plovdiv, Bulgaria

05-08.06.2019 – 52nd ESPGHAN Annual Meeting
Glasgow, Scotland

21.05.2020 – “Neonatal Covid 19: the evidence, the practice, the challenges” - ICCN webinar

21,22,24.05.2020 – Live streaming webinar - UENPS Learning - Best Practice in Neonatology – Module 1 – Delivery Room Management

16-18.10.2020 10-th National Conference in EMERGENCY PAEDIATRICS – Pomorie, Bulgaria

22.10.2020 – Life streaming webinar – UENPS-IPOKRATES – Consideration during pregnancy, the newborn period and childhood – Chair: Richard Polin – USA

09.06.2021 – 99 NICU Journal Club: Safe Emergency Neonatal Airway Management – Challenges and potential approaches

02 – 05.06.2021 – Participation in 6-th World Congress of Pediatric Gastroenterology, Hepatology and Nutrition

20 – 21.09.2021 – keynote speaker and presentation of our e-poster Agenesis of septum pellucidum with hypophyseal abnormalities-case report, 20-th Annual World Congress on Neonatology, Vancouver, Canada

23 – 26.09.2021 – Participation in 15-th National Congress of Paediatrics, Borovetz, Bulgaria

08 – 10.10.2021 – Participation in 4-th National Congress in Neonatology, Starosel, Bulgaria

21.10.2021 - Participation in 1 day course with hands on in Central vascular access in Neonates organized by **Vygon**, Europe-Sofia, Bulgaria

14,15,16.02.2022 – Live streaming webinar – UENPS-IPOKRATES Learning - Best Practice in Neonatology – Module 1 on Brain – Germinal matrix and surroundings

9.05.2022 – meeting 3 and becoming team member of NEVAT - Neonatal European Vascular access team – Paris, France

12-15.05.2022 – 3-rd paediatric summit - With care for children - case presentation – Ravda, Bulgaria

15-16.05.2023 – 5-th National congress – GAVePed – Rimini, Italy

17-20 May 2023 – participation of 55-th Annual Meeting of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition – ESPGHAN - Vienna, Austria

26.04.2024 – Organizer and speaker/trainer of a one day course for neonatal/pediatric Vascular Access in collaboration with NEVAT-Neonatal vascular Access team – Lozenetz Hospital, Sofia, Bulgaria

15-18.05.2024- participation of 56-th Annual Meeting of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition – ESPGHAN – Milan, Italy

Additional information

Publications

Journal of Neonatal Biology-vol.10/2021 – Agenesis of septum pellucidum with hypophyseal abnormalities – case report

Projects

Memberships

Bulgarian Medical Association
Bulgarian Neonatal Association
General Medical Council
British Medical Association
Royal College of Paediatrics and Child Health
Professional Indemnity – Medical Protection Society
NEVAT – Neonatal European Vascular access team

Other Relevant Information

Train the trainer course – Cambridge University Hospitals

Presentation at Journal Club: Definition of extubating success in very premature infants – systematic review.

Presentation of Surgical, M&M meetings.

I have been involved in the regular training programme for junior doctors.

I have also been involved in training sessions of neonatal nursing staff both by the bedside and formal sessions.

I have also been leading the induction programme of all new medical staff when I was working as a Consultant in Bulgaria.

During my collaboration with CUH NHS – NICU/ANTS I have been involved in the regular training sessions for neonatal team and students.

European Expert of Neonatal central vascular access meeting on 02.2022 and active member of NEVAT – Neonatal European Vascular Access Team

2023 – HEMS - Helicopter Emergency Medical Services - trainer for Bulgarian teams in the field of Neonatology

2024 - Organizer and speaker/trainer of a one day course for neonatal/pediatric Vascular Access in collaboration with NEVAT-Neonatal vascular Access team – Lozenetz Hospital, Sofia, Bulgaria