

CARICULUM VITAE

Dr. Sergey Baiko
Belarus, Minsk



PERSONAL DATA:

Born: February 17th, 1974 in Minsk
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EDUCATIONAL ATTAINMENT:

- 1991-1997 Belarus State Medical University. Department of Pediatrics;
- 1997-1999 Residency at the Belarus State Medical University, 1st Department of Pediatrics;
- 2001-2005 Post-Graduate Studies in Pediatrics at the Belarus State Medical University, 1st Department of Pediatrics;
- 7 June 2006 defended the 1st thesis, academic degree – Ph.D.
- 19 June 2018 defended the 2nd thesis, academic degree – M.D.
- 18 Jan 2008 – 15 Feb 2008 Post-Graduate Course of Nephrology in Birmingham Children’s Hospital and at The Oxford Kidney Unit, at Churchill Hospital, UK
- 1-29 Nov 2010 Post-Graduate Course of Kidney Transplantation, Moscow, Russia
- 21-25 Feb 2009 and 20 Feb – 18 March 2011 Post-Graduate Course of Pediatric Nephrology in Birmingham Children’s Hospital, UK
- 2-19 June 2015 and 2-20 March 2020 Post-Graduate Course of Pediatric Nephrology in Heidelberg Children’s Hospital, Germany

CURRENT POSITION:

2013 – up to now: Belarus State Medical University, 1st Department of Pediatrics, associate professor;
2006 – up to now: Consultant nephrologist of National Center for Pediatric Nephrology and Renal Replacement Therapy

SCIENTIFIC PUBLICATIONS:

About 185 research papers have been published:

- Байко С.В. Гемолитико-уремический синдром: эпидемиология, классификация, клиника, диагностика, лечение (часть I и II) // Нефрология и диализ. – 2007. – Т.9, №4. – С. 370-386.
- Байко С.В., Сукало А.В., Судновская К.А. Гемолитико-уремический синдром у детей: эпидемиология, особенности клинико-лабораторного течения, лечение и исходы (одноцентровое исследование) // Нефрология и диализ. – 2016. – Т. 18, №3. – С. 282-299.
- Байко С. В., Сукало А.В. Заместительная почечная терапия (ЗПТ) у детей в Республике Беларусь 2007–2016 гг. Анализ антропометрических данных пациентов на диализе и после трансплантации почки (Отчет по данным национального детского регистра ЗПТ) // Нефрология и диализ. – 2018. – Т. 20, № 1. – С. 25–40.
- Bonthuis M., van Stralen K.J., Jager K.J., Baiko S., Jahnukainen T. et al. Dyslipidaemia in children on renal replacement therapy // Nephrol. Dial. Transplant. – 2014. – Vol.29, №3. – P. 594-603.

- Bonthuis M., Busutti M., van Stralen K.J., Jager K.J., Baiko S. et al. Mineral metabolism in European children living with a renal transplant: a European society for paediatric nephrology/european renal association-European dialysis and transplant association registry study // Clin. J. Am. Soc. Nephrol. – 2015. – Vol. 10, № 5. – P. 767-775.
- Chesnaye N.C., Schaefer F., Bonthuis M., Holman R., Baiko S., Baskin E. et al. Mortality Risk Disparities in Children Receiving Chronic Renal Replacement Therapy for the Treatment of End-Stage Renal Disease Across Europe: An ESPN-ERA/EDTA Registry Analysis // Lancet. – 2017. – Vol. 389, № 10084. – P. 2128-2137.
- Yalcinkaya F., Bonthuis M., Erdogan B. D., van Stralen K. J., Baiko S., Chehade H. et al. Outcomes of renal replacement therapy in boys with prune belly syndrome on renal replacement therapy: findings from the ESPN/ERA-EDTA registry // Pediatr. Nephrol. – 2018. – Vol. 33, №. 1. – P. 117–124.
- Preka E., Bonthuis M., Harambat J., Jager K.J., Groothoff J.W., Baiko S., Bayazit A.K. et al. Association between timing of dialysis initiation and clinical outcomes in the paediatric population: an ESPN/ERA-EDTA registry study // Nephrol. Dial. Transplant. – 2019. – Vol. 34, №11. – C. 1932–1940.
- Байко С. В Ключевые предикторы неблагоприятного исхода постдиарейного гемолитико-уремического синдрома у детей // Педиатрия. – 2019. – Т. 98, №5. – С. 8–13.
- Bonthuis M., Groothoff J.W., Ariceta G., Baiko S., Battelino N. et al. Growth Patterns After Kidney Transplantation in European Children Over the Past 25 Years: An ESPN/ERA-EDTA Registry Study // Transplantation. – 2020. – Vol. 104, №1. – C. 137–144. and others

MEMBERSHIP OF SCIENTIFIC SOCIETIES

Member of the European Renal Association & European Dialysis and Transplantation Association (ERA-EDTA), International Society for Peritoneal Dialysis (ISPD), The European and International Society for Paediatric Nephrology (ESPN and IPNA), Russian Nephrology and Dialysis Association

CLINICAL ACHIEVEMENTS

- Introduction of peritoneal dialysis in children with ESRD in 2002 in Belarus
- Introduction of automatic peritoneal dialysis in children with ESRD in 2004
- Introduction of peritoneal dialysis in children with AKI in 2005
- After Post-Graduate Course of Nephrology in the UK:
 - introduction of using gastrostomy in children with ESRD
 - introduction of using permanent catheter in small baby on HD
 - preparing national pediatric kidney transplant program for start
- One of the members of pediatric kidney transplant program in Belarus which has been started in 2009
- Creation and conducting the National Registries of children with ESRD (from 1997), ARF and HUS (from 2005); since 2008 represent date to ESPN/ERA-EDTA Registry, since 2015 represent date to CERTAIN Registry, since 2018 represent date to PodoNet Registry, since 2020 represent date to IPPN and IPHN Registers.

MAJOR FIELDS OF INTEREST:

1. Renal replacement therapy: PD, HD, transplantation
2. Intensive care in nephrology
3. Management of acute renal failure and HUS
4. Genetics in Pediatric Nephrology