

Novick Cardiac Alliance Nizhny Novgorod, Russia May 14—28, 2016







The Novick Cardiac Alliance is committed to bringing sustainable health care solutions to children with cardiac disease in the developing world.

We are dedicated to improving the skills, knowledge, technology and experience of local health-care providers in regions of the world without access to quality Pediatric Cardiac Care.

We aim to provide comprehensive care to all children with congenital or acquired heart disease regardless of gender, ethnicity, religion, political ideation, genetic factors or economic means.

Our vision is that in the future all children with heart disease, no matter where they are born, will be able to receive the medical and surgical care they require to live a long and healthy life.

Nizhny Novgorod, Russia May 14—28, 2016



This was our first trip this year to the Specialized Cardio-surgical Clinical Hospital in Nizhny Novgorod, Russia. Since this is a dedicated cardiac center, the local team regularly performs cardiac surgeries for both pediatric patients and adult patients in need. While most of our patients this trip were children, we did have several adult congenital consultations for possible surgeries in the future.

During our first week we performed six operations and we performed five operations the second week. We also performed endovascular procedures on five patients and three diagnostic catheterizations.

Patient List

1. Bogdan Smirnov	2 months	ASD closure, VSD closure
2. Alexander Savushin	1 years	VSD closure
3. Alexandra Krasikova	1 year	Relief of Supravalvar PS
4. Baby Efimou	Newborn	Repair of hypoplastic left heart
5. Vladimir Eremenko	4 months	Total repair of Tetralogy of Fallot
6. Elena Glevova	14 years	ASD closure
7. Matvey Kuzhelevskiy	3 years	Fontan procedure
8. Victoria Ustinova	8 months	RPA banding
9. Aminat Radjabova	3 years	Fontan procedure
10. Dmitriy Lobanovski	1 year	Aortic valvuloplasty

1 year

11. Artsioum Solin



Total repair of Tetralogy of Fallot

Patient List

Endovascular Procedures

1. Anna Pospehova	7 years	ASD occluder closure
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2. Helen Glebova 14 years ASD closure

3. Alexey Arhipov 37 years PDA coil closure

4. Alesy Pronyaeva 3 years PDA occluder closure

5. Eugeniya Bakaeva 11 months ASD occluder closure

Diagnostic Catheterizations

1. Julia Sidorova	18 years	Cardiac Catheterization
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2. Valery Noginova 2 years Coronarography

3. Victoria Ustinova 8 months Cardiac Catherterization



Some of this trip's patients:



Krasikova

Radjabova



Eremenko

Solin



Glebova

Ustinova



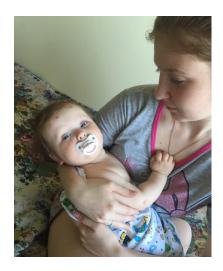
Lobanovskiy





Some of this trip's Endovascular patients:







Pronyaeva

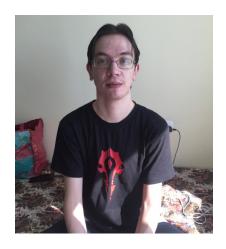
Bakaeva

Archipov

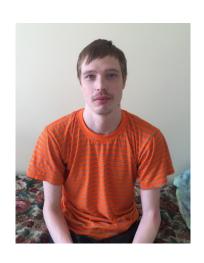
Some of this trip's consultations:







Shirokov



Gorbunov



Cardiac Alliance Team

Dr. William Novick Surgeon Tennessee, US

Sergey Liauchonak Anesthesiologist Ontario, Canada

Oleksandra Koval Cardiologist Kiev, Ukraine

Pavel Shauchenka Intensivist Minsk, Belarus

Eugene Suslin Intensivist Minsk, Belarus

Frank Molloy PICU Nurse/Educator Tennessee, USA

Karen Bowtell PICU Nurse/Educator Brisbane, Australia

Zlatko Lazarevic PICU Nurse Belgrade, Serbia

Christy Packham PICU Nurse London, UK

Artsiom Piarshai PICU Nurse Minsk, Belarus

Bronislava Iniakini PICU Nurse Minsk, Belarus

Alexander Kryzhanovski PICU Nurse Minsk, Belarus



Core Principles of NCA

COLLABORATE

We Collaborate with Governments, Health Ministries, healthcare professionals and Humanitarian Organizations to provide total cardiac care to children in developing countries. The children we serve have limited access to quality care and the families lack the financial resources to seek care elsewhere. This collaboration will enable local health-care authorities to build Pediatric Cardiac care services in-country and in time eliminate the need to send these children abroad for surgery.

EDUCATE

We educate Local health-care professionals and work with their educational institutions to improve the standard of training and hence care provided to children with Heart disease. Our education model is open and flexible and is delivered using multiple modalities. We work with each site individually to find the best template for education and development of clinical judgement. We provide clinical bedside teaching, didactic lectures and ad hoc teaching sessions on site: and encourage the use of internet based resources and access to international academic journals. We are currently in the process of building a virtual learning environment using "Moodle" ™ as the platform.

SUSTAIN

Our goal is that our partner site's develop full independence over time and to operate on and care for the children with a home grown team of experts and no continuing need for direct outside assistance. We monitor the quality and effect of our assistance, and tailor our teams size and skill set accordingly. We commit to maintaining professional relationships with those hospitals and personnel well into the future and focus on areas such as academic work, conference attendance and occasional short visits. We have seen that a significant proportion of volunteers and core staff on our teams enthusiastically emerge from previously assisted sites.

INNOVATE

We facilitate practical and affordable solutions to a variety of clinical, technical and patient problems, which are unique to the sites we work in. First world approaches are often unaffordable or inappropriate to the needs of our partner sites. Surgical, Interventional Catheter and ICU techniques are tailored and modified to address the needs of the population we serve. Many of the children we see are much older than would typically be seen in developed countries and consequently the medical and surgical options for these children are very different. Many of these innovations emerge from professionals at our partner sites and we encourage presentation and publication of such in conferences and journals.

Thank you for your generous and continued support and for helping the children of Russia with congenital heart disease!





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