

DR. DIBYA RANJAN BEHERA

Consultant - Interventional Cardiology

Qualification

MBBS | MD (General Medicine) | DM (Cardiology)

Overview

Dr. Dibya Ranjan Behera is a distinguished Consultant in Interventional Cardiology and is renowned for his excellence and expertise in the field. He brings forth a wealth of knowledge and experience to patient care at Manipal Hospitals, Bhubaneswar, Odisha. With over 15 years of experience in the field, Dr. Behera completed his medical degree from Utkal University, Orissa, followed by a Doctor of Medicine (MD) in General Medicine from Banaras Hindu University. He further enriched his expertise by obtaining a Doctorate of Medicine (DM) at the Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, and earning a fellowship from the Society for Cardiovascular Angiography and Interventions (FSCAI). Dr. Behera has served at numerous esteemed medical and academic institutions, dedicating himself to acquiring advanced knowledge in his field. His expertise spans a wide range of intricate cardiac interventions, with particular emphasis on Interventional Cardiology. Dr. Behera has also contributed immensely to medical research, enabling him to publish several peer-reviewed journals and present several topics at various national and international forums. Moreover, he has also done his

preceptorship in Interventional Cardiology at the Cleveland Clinic, USA. Dr. Behera specialises in Coronary interventions and leverages advanced imaging techniques to navigate through intricate procedures with precision. His proficiency includes performing several interventional procedures, encompassing Device Implantations and Closures for various defects and leaks, thereby offering comprehensive care to his patients. He also has expertise in Neonatal, Paediatric, and Adult Congenital Heart Disease Intervention and Peripheral Vascular Intervention. Dr. Behera utilises innovative approaches for the treatment of Heart Failure and other congenital diseases. He is also proficient in the field of Preventative Cardiology, providing guidance and advising patients on following a healthy lifestyle. Dr. Behera's knowledge of various treatment approaches in the field of Cardiology has brought immense benefits to the people of Orissa and its neighbouring states. Additionally, he achieved the distinction of being the pioneer in Odisha by conducting the first-ever Balloon Atrial Stenting (BAS) and PDA Stenting procedures in a neonate, as well as being the first to perform Patent Foramen Ovale (PFO) Device Closure procedure in a young female. Dr. Behera is fluent in the languages of English, Hindi, Odia, Bengali, and Malayalam, and his multilingual proficiency in the field has enabled him to provide the utmost care and management for his patients.

Fellowship & Membership

- Preceptorship in Interventional Cardiology Cleveland Clinic, USA
- Fellow of the Society for Cardiovascular Angiography and Interventions (FSCAI)

Field of Expertise

- Specialises in complex Coronary Interventions including Chronic

Total Occlusion (CTO) Interventions, Left Main Coronary Artery (LMCA) Intervention, and Bifurcation Stenting by using advanced imaging techniques like Intravascular Ultrasound (IVUS) and Optical Coherence Tomography (OCT).

- Proficient in Neonatal, Paediatric, and Adult Congenital Heart Disease Intervention and Peripheral Vascular Intervention.
- Exhibits expertise in performing Balloon Valvuloplasty procedures such as Balloon Aortic Valvuloplasty (BAV), Balloon Mitral Valve (BMV), Balloon Pulmonary Valvuloplasty (BMV), and Coarctoplasty (CoA) to address complex structural heart conditions with precision.
- Utilises innovative approaches for the treatment of heart failure and ensuring optimal patient care.
- Utilises advanced device closure methodologies for effective treatment of various defects such as atrial septal defect (ASD), ventricular septal defect (VSD), patent ductus arteriosus (PDA), and ruptured sinus of Valsalva aneurysm (RSOV).
- Demonstrates precise execution in the implantation of Pacemakers, Intracardiac Defibrillators (ICDs), Cardiac Resynchronisation Therapy, and Conduction System Pacing.
- Efficient in Transcatheter Aortic Valve Implantation (TAVI), Transcatheter Mitral Valve Repair(TMVR), and Alcohol Septal Ablation in hypertrophic obstructive cardiomyopathy (HOCM).

Languages Spoken

- English
- Hindi
- Odia
- Bengali
- Malayalam

Awards & Achievements

- Recipient of the Chief Minister Award for being in the Top Ten in the state in the Matriculation Exam.
- Winner of State-level Pediatric Quiz by Indian Academy of Pediatrics (IAP).
- First rank in MD, General Medicine at the Banaras Hindu University (BHU).
- Winner of Indian Heart Journal -A.V Gandhi Award for excellence in Cardiology for the year 2017.
- Best oral paper award in the annual Heart Failure Association of India - European Society of Cardiology (HFAI-ESC) Conference 2018.
- 1st prize in electrophysiology quiz in Kerala Heart Rhythm Society (KHRS), Kerala 2017.
- 2nd prize in best research paper award at Interventional Cardiology Council of Kerala (ICCK), Kerala 2017

Talks & Publications

- Dibya Ranjan, B., Nand Kumar, S., Usha, Pramod Kumar. HLA-DR typing in polyarticular juvenile idiopathic arthritis: a study from a tertiary care hospital in northern India. Int J Rheum Dis, 2014; 17: 268–273. Doi: 10.1111/1756 -185X .12198.
- Nand K. Singh, Dibya R. Behera, Ankit Agrawal, Mahendra Narayan Singh, Vikash Kumar, Manoj Godhra, Anurag Gupta, Devesh P. Yadav, Usha Singh, Lakshmi Kant Pandey and Manjari Matah Hospital based prospective longitudinal clinical and immunologic study of 179 patients of primary antiphospholipid syndrome. International Journal of Rheumatic Diseases 2013; 16:547–555.
- N. K. Singh, A. Gupta, Dibya R. Behera, D. Dash. Elevated

plasminogen activator inhibitor type-1 (PAI-1) as a contributing factor in pathogenesis of hypercoagulable state in antiphospholipid syndrome. Rheumatol Int. DOI10.1007/s00296-013-2717-0.

- NK Singh, Dibya R Behera, DP Yadav, A Gupta, D Dash, D Bandyopadhyay. Role of platelets in the pathogenesis of antiphospholipid syndrome. IJRCI.2013;1(1):OA2.
- Dibya Ranjan Behera, Nand Kumar Singh, Manoj Godara.Primary antiphospholipid syndrome presents as gross communicating hydrocephalus. IJRCI.2013;1(1):CS1.
- Nilesh Kumar, Dibya R Behera, Ankur N Varshney, Arvind Anand, NK Singh. Primary angiitis of the central nervous system. National Journal of Medical Research.eISSN:2277881.
- Tiwari Ashutosh, Kumar Nilesh, Varshney Ankur Nandan, Behera Dibyaranjan, Anand Arvind, Anand Ravi, and N. K. Singh. Recurrent Vertigo: Is it Takayasu's Arteritis? Hindawi Publishing Corporation Case Reports in Vascular Medicine.Volume2013, Article ID 851352, 3 pages.http://dx.doi.org/10.1155/2013/851352
- Manipal Hospitals Treats Infant with HRHS:Click Here