

Bharati Vidyapeeth Deemed to be University Medical College, Pune

List of research projects in 2017-18

Newly implemented research projects

<b>S.No.</b>	<b>Self-funded/BVU funded/External funded</b>	<b>Title of project</b>	<b>Name of Principal investigator</b>	<b>Name/s of co investigators</b>
1	Self-Funded	Prospective observation study of high flow Nasal Oxygen Therapy and Non Invasive Positive Pressure Ventilation in Patients with Acute Hypoxemic Respiratory Failure	Dr. Shivakumar Iyer	Dr. Shivakumar Iyer
2	Self-Funded	Audit of "End of Life Care" (EOLC) practices & Survey of Patient Satisfaction with EOLC practices in a tertiary level hospital."	Dr. Shivakumar Iyer	Dr. Shivakumar Iyer, Dr. Jignesh Shah, Dr.Prashant Jedge
3	Self-Funded	Mobile based application for monitoring Infection practices in ICU - Development and Evaluation	Dr. Shivakumar Iyer	Dr. Shivakumar Iyer, Dr. Jignesh Shah, Dr.Prashant Jedge, Dr. Vishwanath Patil, Dr. Anuradha Tolpadi
4	Self-Funded	Prevention of Venous Thromboembolism by early detecton of patient at risk for VTE	Mr. Santosh Kumar Suman	Dr. Shivakumar Iyer Mrs. Shrutirekha Shinde
5	Self Funded	Mobile based application for facilitating written handover in ICU – Development and Evaluation	Dr. Shivakumar Iyer	Dr. Shivakumar Iyer, Dr. Jignesh Shah, Dr. Vishwanath Patil

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6	External Funded	Protocol 3-001: A Randomized, Double-Blind, Placebo-Controlled, Phase 3, Study to Assess the Safety, and Efficacy of ART-123 in subject with Severe Sepsis & Coagulopathy.	Dr. Shivakumar Iyer	Dr. Jignesh Shah Dr. Prashant Jedge Dr. Elizabeth Sada
7	NIF-DST	Evaluation of Anti-hypertensive activity of NIF herbal grassroots leads	Dr. Mrs. Jayshree Shriram Dawane	Dr. Mrs. Vijaya Pandit Dr. Harshavardhan Bhide
8	NIF-DST	Pre-clinical and Clinical Evaluation of Anti-antidiabetic activity of herbal leads (Satge I)	Dr Vijay H Mate	Dr. Mrs. Vijaya Pandit Dr. Vivek Ratnamraju
9	External funded	Iron Folic acid and Vitamin C supplementation among Adolescent girls - A quasi experimental study	Snehal Sancheti	Dr Reshma Patil
10	External	A Phase II/III, Multicentre, Open-Label, Randomized Study of Liquid Bovine Rotavirus Pentavalent Vaccine (LBRV-PV) to Evaluate Lot-To-Lot Consistency and to Compare Non-Inferiority with ROTASIIL (Lyophilized BRV-PV) In Healthy Infants in India	Dr Sanjay Lalwani	Dr S. Palkar, Dr N. Hanumante, Dr A. Walimbe
11	External	An Open Label Phase I study to evaluate the Safety and Immunogenicity of HBI Inactivated Hepatitis-A Vaccine when administered as a single dose in two groups of healthy subjects of 19 to 49 years and 12 to 18 years of age.	Dr Sonali Palkar	Dr N. Hanumante, Dr A Diwan, Dr. S Barsode

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12	External	Cadilla Pentavalent: A prospective, randomized, two-arm, single-blind, parallel, active-controlled, multicenter, non-inferiority clinical study to evaluate the immunogenicity and safety of Diphtheria, Tetanus, Pertussis (Whole Cell), Hepatitis B (rDNA) and Haemophilus influenzae Type b Conjugate Vaccine (Adsorbed) of M/s Cadila Healthcare Limited compared to Diphtheria, Tetanus, Pertussis (Whole Cell), Hepatitis B (rDNA) and Haemophilus influenzae Type b Conjugate Vaccine (Adsorbed) of M/s Panacea Biotec Limited in healthy infants.	Dr. Neeta Hanumante	Dr. Sanjay Lalwani, Dr. Sonali Palkar, Dr. Amruta Walimbe
13	Self-funded	Preliminary data on validation of the Impact Scale for assessment of Cluttering and Stuttering (ISACS)	Ms. Pallavi Kelkar	Ms. Sneha Chaudhari, Ms. Maya Sanghi
14	External Funded	Effect of yoga intervention on skeletal muscle linked glucose homeostasis in prediabetic individuals	Dr. Supriya Bhalerao	Dr. Mrs. Jayashree Kharche
15	Self funded	Molecular markers of AGE-RAGE system, and their association with AGEs, sRAGE and diabetic nephropathy	Dr. Abdulrahman Momin	Dr. Mahesh Kulkarni Dr. M. K. Padwal Dr. G. M. Bhoite

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16	Self funded	Evaluation of Homocysteine, Folic Acid, Vitamin B12, MTHFR(C677T and A1298C) and ACE (I/D) gene polymorphisms as risk factors in young patients of Coronary Artery Disease	Dr.Rajni Shivkar	Dr A.A.Momin Dr.Gayatri Gawade, Dr. M. K. Padwal, Dr.Rajani Melinkeri,
17	External funded	Whole genome sequencing of Mycobacterium tuberculosis in drug resistant AFB culture isolates- Pilot Study”	Dr. Medha Bargaje	<ul style="list-style-type: none"> <li>• Revised National Tuberculosis Control Programme (RNTCP)</li> <li>• GenePath Dx</li> </ul>
18	Self-funded	Evaluation of antitubercular drug levels in TB patients treated with daily regimens under RNTCP in INDIA	Dr. Medha Bargaje	<ul style="list-style-type: none"> <li>• Revised National Tuberculosis Control Programme (RNTCP)</li> <li>• Poona College of Pharmacy</li> </ul>
19	External	Immune response to childhood vaccinations in Indian pre-term infants	Dr Vidya Arankalle	Dr. A. Mishra, Dr Lalwani, Dr N. Malshe, Dr. S Palkar
20	External	Safety and Immunogenicity of booster dose of a Hexavalent Vaccine SHAN6™ (DTwP-HepB-Hib-IPV) with or without co-administration of MMR vaccine in Toddlers.	Dr. Sonali Palkar	Dr. Sanjay Lalwani, Dr. Neeta Hanumante, Dr. Amruta Walimbe

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21	External funded	A study of implementation of pre-conception care for preventing adverse pregnancy outcome in Nashik district, Maharashtra	Dr P P Doke	Dr. Mrs. J. S. Gothankar, Dr. Prasad Pore, Dr. APS Narula, Dr. Varsha Vaidya, Dr. Sonali Palkar, Dr. Yyas, Dr. Sanjeevkumar, Dr. Archana Patil, Dr. Satish Pawar Dr. Aniruddha Deshpande, Ms. Rajeshwari Chandrasekar, Dr. Khanindra Bhuyan, Dr. Madhusudan Karnataki, Dr. Aparma Shrotri, Dr. Maninder Sethia
22	ICMR STS	Assessment of knowledge, perceptions and practices of patients of diabetes mellitus taking Insulin	Ranjana Sahasrabudhe	Ashish Sharma
23	self	Comparison of Antimicrobials used for surgical prophylaxis in obstetrics and Gynaecology department of Ayurveda and Modern medicine	Dr.Mrs.Jayshree Shriram Dawane	Miss.Anisha Gupta Dr.Kalyani Khade

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24	Self-funded	Post-sensitization evaluation of Medication errors in a Tertiary Care Teaching Hospital	Dr.Vijay H Mate	Ms Aditi Mittal, Dr Vivek Ratnamraju
25	Self-funded	Does prophylactic ondansetron reduce vasopressor usage in patients undergoing elective cesarian section with spinal anaesthesia ?	Dr.Sonali Pradeep Suryawanshi	Miss Sheetal Sharma,Dr.Sarita Swami,Dr.V.A.Pandit
26	Self-funded	Vitex Negundo-herb with multifaceted action	Dr.Pallawi Khatavkar	Priya Gupta,Dr.Harshavardhan Bhide,Dr.V.A.Pandit
27	Self-funded	Efficacy of Colchicum Autumnale in 30C and 200C potencies on animal models of Acute Gout	Dr Dhanya P	Dr M A Nerlekar Dr Pallawi Khatavkar Dr V A Pandit

Completed research projects

S.No.	Self-funded/BVU funded/External funded	Name of funding agency (in case of external funding)	Title of project	Name of Principal investigator	Name/s of co investigators
1	Self funded	Self	Branded Vs Generic drugs-Do they provide equal benefits?	Dr.Priti Dhande	Simran Chauhan, Dr.Vivek ratnamraju, Dr.Kalyani Khade
2	Self funded	Self	Residents Views on Generic Medicines : A KAP Study	Dr Sonali Suryawanshi	Dr Kalyani Khade, Manali Karwa
3	Self funded	NONE	Reproduction of germ tube of clinical isolates of candida albicans in various media.	Pooja Kale	Dr. sunil shah
4	Self funded	NONE	"Isolation & Identification of Candida Species from clinical samples"	Snehal Mohite	Miss. Shailaja Sawant
5	External funded	Syngene/SIIL	'A Phase III, Multicenter, Open Label, Randomized Study of Bovine Rotavirus Pentavalent Vaccine (BRV-PV) To Evaluate Lot-To-Lot Consistency, And To Investigate Potential Interference With Routine UIP Vaccinations In Healthy Infants In India'.	Dr. Sanjay Lalwani	Dr. Neeta, Dr. Sonali, Dr. Ruma, Dr. Amruta

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6	External funded	Sanofi Pasteur	'Immunogenicity and Safety of a Single Dose or Two Doses Given 28 Days Apart of a Quadrivalent Influenza Vaccine Administered via the Intramuscular Route in Subjects Aged 6 Months or Older in India'	Dr. Sanjay Lalwani	Dr. Neeta, Dr. Sonali, Dr. Nandini
7	External	INCLIN	Baseline Assessment of Streptococcus pneumoniae in India Serotypes (BASIS)	Dr Sanjay Lalwani	Dr Meera Modak, Dr. J Oswal, Dr S Palkar, Dr N Hanumante, Dr K Suryawanshi
8	External funded	GSK	Prevalence and Titres of Measles, Mumps, Rubella and Varicella Antibodies in Indian Infants and Toddlers: A Pilot Study	Dr Nandini Malshe	Dr S Lawani, Dr S Palkar, Dr A Mishra, Dr V. Arankalle
9	External funded	Human Biologicals Institute	Phase I study to evaluate the Safety and Immunogenicity of HBI Inactivated Hepatitis-A Vaccine when administered as a single dose in two groups of healthy subjects of 19 to 49 years and 12 to 18 years of age.	Dr Sonali Palkar	Dr Sanjay Lalwani, Dr. Neeta Hanumante Dr A Diwan, Dr. S Barsode



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10	External Funded	Asahi Kasei Pharma America Corporation	Randomised double blind, Placebo Controlled, Phase 3 study to assess the safety and efficacy of ART-123 in subjects with severe sepsis and Cosgulopathy ART- 123	Dr Shivakumar Iyer	Dr Jignesh Shah, Dr Prashant Jedge
11	External funded	Bill Melinda Gates Foundation through Inclean Trust International	Pneumonia Research Initiatives in rural areas and urban slums of Maharashtra	Dr. J. S. Gothankar	Dr. Doke, Dr. Lalwani, Dr. Dhumale, Dr. Pore