Life Blood Centre - IMSRF Resaerch Publications

Sr. No.	Title	Author List	Journal Name	Page Number	Year	Volume	Issue/ Number
1	Spectrum of β-Thalassemia and Other Hemoglobinopathies in the Saurashtra Region of Gujarat, India: Analysis of a Large Population Screening Program	Nishith A. Vachhani, Daya J. Vekariya, Roshan B. Colah, Heena N. Kashiyani & Sanjeev L. Nandani	Hemoglobin	05	2022		
2	Donor notification and response rate in a stand-alone blood center in Western India.	Dholakiya S, Nandani S, Vachhani N.	Global Journal of Transfusion Medicine	159-163	2022		
3	Management of safe and adequate blood supply in covid-19 pandemic amid national lockdown: Experience of a standalone blood center in India	Nishith Ashvinbhai Vachhani, Sanjiv L Nandani, Yogesh S Domadiya, Jyoti P Bhatt	Global Journal of Transfusion Medicine	60-64	2022	7	1
4	A study on spectrum of hemoglobinopathies among college going students, Rajkot, Gujarat	Dr. Jalashree V. Rana, Dr. Nishith A. Vachhani, Dr. Sanjeev Nandani, Ms. Daya Vekariya, Ms. Heena Kashiyani, Riddhi Varneshiya, Nehal Sorathiya	Global Journal for Research Analysis	66-67	2021	10	10
5	Research initiatives of blood services worldwide in response to the covid-19 pandemic	Sheila F. O'Brien, Ryanne W. Lieshout-Krikke, Antoine Lewin, Christian Erikstrup, Whitney R. Steele, Samra Uzicanin, Brian Custer	Vox Sanguinis	296-304	2021	116	
6	Experience with NESTROFT for screening for thalassemia trait/minor: Evaluation against CBC and HPLC in a high prevalence region in Saurashtra, Gujarat, India	Varsha P. Sorathiya, Nishith A. Vachhani, Sanjeev L. Nandani, Daya J. Vekariya, Heena N. Kashiyani, Roshan B. Colah	International Journal of Research in Medical Sciences	1108-1113	2020	8	3
7	Molecular analysis and prenatal diagnosis of β thalassemias in the Saurashtra region of Gujarat	Varsha P. Sorathiya, Roshan B. Colah, Nishith A. Vachhani, Sanjeev L. Nandani, Daya J. Vekariya, Heena N. Kashiyani	International Journal of Community Medicine and Public Health	1977-1981	2020	7	5
8	A case reports of rare co-existence of Hb-Q India & Beta-thalassaemia trait found during family screening	Dr. Sorathiya Varsha P., Dr. Vachhani Nishith A., Dr. Nandani Sanjeev L., Ms. Vekariya Daya J., Mrs. Kashiyani Heena N.	Indian Journal of Research	125-126	2020	9	2
9	A study on prevalence of anaemia and haemoglobinopathies among girls living in hostel of Rajkot, Gujarat	Dr. Vachhani Nishith A., Dr. Nandani Sanjeev L., Dr. Sorathiya Varsha P., Ms. Vekariya Daya J., Ms. Boghra Disha B., Ms. Poshia Hinal C., Ms. Dangariya Ekta R.	International Journal of Scientific Research	64-54	2019	8	7
11	Prevalence of anaemia and haemoglobinopathies among college students of Rajkot, Gujarat	Vachhani Nishith, Nandani Sanjeev and Vekariya Daya	International Journal of Advanced Research	1532-1537	2017	5	5

Tab-6: LBC International – National Presence

NATIONAL PRESENTATIONS

Year	Topic	Type	Author	Organized By	Remarks
2009	Pooled platelet Product using the Acrodose Plus System: Evaluation of Feasibility, Safety and Efficacy	Poster	Dr. Rajesh Sawant (Medical Director)	34th Conference of ISBTI (TRANSCON 2009) New Delhi	
	Prospective monitoring of blood transfusion requests: Impact on Transfusion Practices at Rajkot	Poster	Ms. Naina Andipara (Technician)	34th Conference of ISBTI (TRANSCON 2009) New Delhi	
2010	"Screening for Red Cell Antibodies in Blood Donors and Recipients in Saurashtra Region with the automated SPRCA Technology"	Poster	Dr. Rajesh Sawant (Medical Director)	35th Annual Congress, ISBTI. Hyderabad	Best Poster Award
	"Evaluation of Platelets for Bacterial Contamination using the eBDS system-A Pilot Study"	Poster	Dr. Rajesh Sawant (Medical Director)	35th Annual Congress, ISBTI. Hyderabad	
	"Plateletpheresis Procedure Management: Need For a Voluntary Platelet Donor Program"	Poster	Ms Daxa Akbari (Apheresis Nurse)	35th Annual Congress, ISBTI. Hyderabad	Received Nursing Fellowship Award
	"Quality systems for ELISA testing in blood bank"	Poster	Mrs. Jyoti Bhatt (Technical Supervisor)	35th Annual Congress, ISBTI. Hyderabad	
	"Implementation of Pre and Post donation counselling for donors in the blood bank: Observations made and lessons learnt."	Poster	Ms. Mitali Rajpopat (PRO)	35th Annual Congress, ISBTI. Hyderabad	Received Social Worker Fellowship Award
2011	Red Cell Alloimmunization in Transfusion Dependent Thalassaemia Patient's in Saurashtra Region of Gujarat, India	Poster	Ms. Chandani Karia (Technician)	36th National Conference of ISBTI, TRANSCON 2011. Panchkula, Chandigarh	Technologist Fellowship award and Best poster presentation award
	Understanding Clinician's Knowledge and Attitude towards Blood Safety in Saurashtra Region of	Poster	Mrs. Vandana Mishra (Ex. Blood Transfusion Therapy)	36th National Conference of ISBTI, TRANSCON 2011. Panchkula, Chandigarh	

	Gujarat, India: A questionnaire based study.				
	Changing the Clinician's Transfusion Practices: from Whole Blood to Blood Components	Poster	Mrs. Vandana Mishra (Ex. Blood Transfusion Therapy)	36th National Conference of ISBTI, TRANSCON 2011. Panchkula, Chandigarh	
	Testing for the Malarial Parasite in Blood Bank: Important lessons learnt scope for improvement	Poster	Mrs. Rupal Chavda (Technician)	36th National Conference of ISBTI, TRANSCON 2011. Panchkula, Chandigarh	
	Are repeat blood donors based from closed social community group safer?	Oral	Ms. Jignasa Gami (PR In charge)	36th National Conference of ISBTI, TRANSCON 2011. Panchkula, Chandigarh	First Oral National Paper Presentation by RVBB Staff
	Transfusion Therapy for Patient's with Auto Immune Haemolytic Anaemia: Least Incompatible v/s Partial Phenotype matched Blood Transfusion	Oral	Dr. Rajesh Sawant (Medical Director)	36th National Conference of ISBTI, TRANSCON 2011. Panchkula, Chandigarh	
	Screening of deferred blood donors for haemoglobinopathies: impact analysis in a high prevalence zone.	Poster	Dr. Rajesh Sawant (Medical Director)	Indian Society of Haematology & Transfusion Medicine, Chandigarh	
	Red Cell Alloimmunization in Transfusion Dependent Thalassaemia Patient's in Saurashtra Region of Gujarat, India	Poster	Dr. Rajesh Sawant (Medical Director)	Indian Society of Haematology & Transfusion Medicine, Chandigarh	
	Effectiveness of Pre-natal diagnosis for Thalassaemia Prevention	Poster	Dr. Rajesh Sawant (Medical Director)	Indian Society of Haematology & Transfusion Medicine, Chandigarh	
2012	Environmental Surveillance in Blood Bank: Valuable tool for monitoring risk of microbial contamination of blood components	Poster	Dr. Rajesh Sawant (Medical Director)	37th National Conference of ISBTI, TRANSCON 2012. Chennai, Tamilnadu	

	Managing transfusion support in a patient for emergency cardiac surgery with cold agglutination	Poster	Bhanumati Radadiya (Lab. Technician)	1st conference of ISTM, TRANSMedcon 2012, Jaipur	
	HIV type-2 infection in a blood donor: A case report and implications for testing.	Poster	Dr. Rajesh Sawant (Medical Director)	1st conference of ISTM, TRANSMedcon 2012, Jaipur	2nd prize winner
	Acute normovolemic haemodilution in patients for cardiac surgery	Poster	Dr. Rajesh Sawant (Medical Director)	1st ISTM, TRANSMedcon 2012, Jaipur	1st prize winner
	Preparation of leucocyte depleted red cells using an integral inline filter blood bag system	Poster	Maitrik Dave (Lab. Technician)	1st conference of ISTM, TRANSMedcon 2012, Jaipur	
	Haemovigilance in hospital: can nurses training in safe blood administration practices strengthen the blood transfusion chain?	Oral	Nikhil Jadav	1st conference of ISTM, TRANSMedcon 2012, Jaipur	
2013	Impact of antenatal thalassemia screening project in Thalassemia major birth prevention in Rajkot district, Gujarat	Oral	Dr. R. P. Singh (Medical Director)	2nd conference of ISTM, TRANSMedcon 2013, Bengaluru	
	Evaluation of the routine dual antiseptic solution versus single antiseptic Injecta solution for donor phlebotomy site preparation	Poster	Dr. Sahjid Mukhida (Quality Manager)	2nd conference of ISTM, TRANSMedcon 2013, Bengaluru	
	Error identification, reporting and preventive measures implemented at RVBB & RC; A standalone blood centre.	Poster	Dhrupal Kothari (Document Control Officer)	2nd conference of ISTM, TRANSMedcon 2013, Bengaluru	
	Are voluntary blood donations decreasing at campsite? An assessment of actual collection v/s projected blood collection.	Oral	Jignasa Gami (PR In-charge)	2nd conference of ISTM, TRANSMedcon 2013, Bengaluru	
	Thalassaemia awareness program-an effective approach for thalassemia eradication.	Oral	Jignasa Gami (PR In-charge)	38th ISBTI annual conference Transcon 2013 Surat	3rd prize winner

	Implementation of Pre-donation Counselling in the Camps: Impact and Effectiveness	Oral	Mitali Rajpopat (PR In-charge)	39th ISBTI annual conference Transcon 2014 Patiala	
	Comparison of intermediate flow versus continues flow cell separator: Effect on donor services	Oral	Dr. Yogesh Domadiya (Medical Supervisor)	39th ISBTI annual conference Transcon 2014 Patiala	
	Managing Bombay phenotype patient of 2.5 month old with anorectal surgery-A challenging case study.	Poster	Jignasa Gami (PR In-charge)	39th ISBTI annual conference Transcon 2014 Patiala	
	Distribution of beta-thalassemia mutations and its variance in ethnic groups of Saurashtra region, Gujarat	Oral	Jignasa Gami (PR In-charge)	39th ISBTI annual conference Transcon 2014 Patiala	
2014	Adverse blood donor reaction - Reporting & analysis: Improvement of blood safety & donation services	Poster	Kalpesh Vala (PR-In charge)	3rd conference of ISTM,TransMedcon 2014, Ahmedabad	
	Antibody reactivity in antibody screening positive patients: conventional test tube method v/s two gel micro-column assay	Poster	Nehal Choataliya (Lab. Technician)	3rd conference of ISTM, TRANSMedcon 2014, Ahmedabad	
	Quality system of ELISA on a unique way - for a small blood bank set-up	Poster	Ekta Pankhaniya (Lab. Technician)	3rd conference of ISTM, TRANSMedcon 2014, Ahmedabad	
	Identifying borderline beta-thalassemia carriers : To determine hemoglobin A2 level by the HPLC system	Oral	Jignasa Gami (PR In-charge)	55th Annual conference of ISHBT, Haematocon 2014-Hyderabad	
2015	Voluntary Blood Donors v/s Microbes: The Real Fact	Poster	Dr. Nishith A. Vachhani (Quality Manager)	40th Annual conference of ISBTI, TRANSCON 2015, Delhi	
	Managing transfusion support in a thalassemia patient with warm antibodies	Poster	Heena Jobanputra (Lab. Technician)	40th Annual conference of ISBTI, TRANSCON 2015, Delhi	

	New approach to blood component separation – 'Top-and-Bottom' whole blood separation	Poster	Mrs. Jyoti P. Bhatt (Lab. Technician)	4th Annual conference of ISTM, Transmedcon 2015, Kolkata	
	8 years study of TTI trend in voluntary blood donors: In-house v/s outdoor collection	Poster	Ms. Chandni Karia (Lab. Technician)	4th Annual conference of ISTM, Transmedcon 2015, Kolkata	
2016	Study of ChLIA and ELISA for TTI Markers in Blood Donors	Oral	Ms. Kiran Kachhadiya (Lab. Technician)	5th Annual conference of ISTM, Transmedcon 2016, Bhopal	
	Prevalence of Erythrocyte Alloantibodies in Voluntary Blood Donors	Poster	Ms. Jagruti Sidpara (Lab. Technician)	5th Annual conference of ISTM, Transmedcon 2016, Bhopal	
	Impact of accreditation in blood banking – core indicators monitoring in quality and safety of blood transfusion	Poster	Dr. Nishith A. Vachhani (Quality Manager)	Joint Congress of American Association of Blood Banks (AABB) & Asian Association of Transfusion Medicine (AATM) 2016, Bengaluru.	
	Blood Donor Temporary Deferral in a standalone Blood Centre – A Retrospective Study of Five Years.	Poster	Dr. Yogesh Domadiya (Dept. Quality Manager)	Joint Congress of American Association of Blood Banks (AABB) & Asian Association of Transfusion Medicine (AATM) 2016, Bengaluru.	
2017	Correlation of education level and prevalence of infectious markers in voluntary blood donors.	Poster	Mr. Mitesh Mulasiya (P.R.O.)	6th Annual conference of ISTM, Transmedcon 2017, Lucknow.	
2018	Managing Transfusion in a patient of AIHA having auto & alloantibodies.	Poster	Ms. Sudha Chauhan (Lab. Technician)	43rd Annual Conference Of ISBTI - Transcon 2018, Vizag.	
	Prevalence of Rh and Kell blood group antigens in voluntary blood donors	Oral	Ms. Shivangi Hapaliya	43rd Annual Conference Of	

	of Saurashtra region, Gujarat.		(Lab. Technician)	ISBTI - Transcon 2018, Vizag.	
	Management of platelet refractoriness in a patient of aplastic anaemia.	Poster	Ms. Arti Vachhani (Lab. Technician)	7th Annual conference of ISTM, Transmedcon 2017, Kochi.	
	A rare combination: X-ray irradiation and Bombay blood group	Poster	Mr. Sagar Fichadiya (Lab. Technician)	7th Annual conference of ISTM, Transmedcon 2017, Kochi.	
	Platelet Refractoriness: A challenge	Poster	Mrs. Jyoti P. Bhatt (Dept. Technical Manager)	Joint Congress of American Association of Blood Banks (AABB) & Asian Association of Transfusion Medicine (AATM) 2018, Delhi.	
2019	Prevalence of Weak "D" antigen among voluntary blood donors in Saurashtra region– Gujarat.	Poster	Ms. Manali Ramoliya (Lab. Technician)	8th Annual conference of ISTM, Transmedcon 2019, Mumbai.	
	Prophylactic antigen matched donor blood for patients with Auto/ Allo antibody.	Poster	Ms. Niketa Dhaduk (Lab. Technician)	8th Annual conference of ISTM, Transmedcon 2019, Mumbai.	
2021	A study on rarest B subgroup (Bx) detected at Life Blood Centre, Rajkot, Gujarat.	Virtual Poster	Ms. Monali Valera (Lab. Technician)	45th Annual Conference of ISBTI - Transcon 2020 (Virtual)	
	An interesting experience of B subgroup (B_3) detected during preoperative testing at Life Blood Centre, Rajkot, Gujarat.	Virtual Poster	Mr. Nikunj Chav (Lab. Technician)	45th Annual Conference of ISBTI - Transcon 2020 (Virtual)	
	Importance of repeat blood donations camp in Gujarat.	Virtual Poster	Mr. Dhrumil Barad (P.R.O.)	45th Annual Conference of ISBTI - Transcon 2020 (Virtual)	

	Blood donor temporary deferral rate at standalone blood centre – A retrospective study for blood safety	Virtual Poster	Dr. Yogesh Domadiya (Dept. Quality Manager)	The International Symposium on Blood Safety", by PGIMER, Chandigarh with ISBT. (Oct. 2021)	
	A case of blood group discrepancy in a neonate	Virtual Poster	Dr. Jalashree Rana (Pathologist)	16th Annual AATM congress & 3rd Joint Congress of American Association of Blood Banks (AABB) & Asian Association of Transfusion Medicine (AATM) December 2021 (Virtual)	
	Anti-P1 antibody: A rare case report from stand-alone blood centre, western India.	Virtual oral presentation	Miss. Sudha Chauhan (Technical Supervisor)	09th Annual conference of ISTM, Transmedcon 2021, Guwahati (Assam) [virtual]	
	Donor notification: Double edged sword: what to do and what not to do	Virtual Poster	Dr. Spruha Dholakiya (Deputy Medical Director)	09th Annual conference of ISTM, Transmedcon 2021, Guwahati (Assam) [virtual]	
2022	Adverse Donor Reactions	Virtual Poster	Dr. Spruha Dholakiya (Deputy Medical Director)	First national conference on Haemovigilance, December-2021	
	Plateletpheresis procedure at Life blood Centre	Video presentation	Dr. Spruha Dholakiya (Deputy Medical Director)	CME on blood safety and Quality-March-2022(ISBT sponsored event)	Consolation price for video.
	Hb estimation at Life blood Centre	Video presentation	Dr. Nishith Vachhani (Quality Manager)	CME on blood safety and Quality-March-2022 (ISBT sponsored event)	
	WBIT: Wrong Blood in Tube error: Interpreted and Addressed	Virtual Poster	Mr. Milan Rathod (Laboratory Technician)	46th Annual Conference of ISBTI - Transcon 2021-(March 2022) (Virtual)	

2023	Blood donor Antibody screening – A must	Poster	Ms. Hiral Marakana (Laboratory Technician)	48th Annual Conference of ISBTI - Transcon 2023- Lucknow	
	A study on the rarest Aend subgroup detected at stand-alone blood centre from Rajkot, Gujarat	Poster	Ms. Sudha Chauhan (Laboratory Technician)	48th Annual Conference of ISBTI - Transcon 2023- Lucknow	

LIFE BLOOD CENTRE

INTERNATIONAL PRESENTATIONS

Year	Topic	Type	Author	Organized by	Remarks
2009	Assessment of T-Cell Proliferative Responses in Blood Units Gamma Irradiated with Various Doses and Stored subsequently	Poster	Dr. Rajesh Sawant (Medical Director)	20th Regional Congress, Asia of the ISBT. Nagoya Japan	
	Does Leukodepletion Followed by Gamma Irradiation performed at Various Time Periods During Storage Affect the Quality of Red Blood Cells?	Poster	Dr. Rajesh Sawant (Medical Director)	20th Regional Congress, Asia of the ISBT. Nagoya Japan	
2010	Transfusion of non- ABO group specific platelets: Does antibody titration help?	Poster	Dr. Rajesh Sawant (Medical Director)	31st International Congress, ISBT. Berlin, Germany	
	Prospective Monitoring of blood transfusion requests: Impact on transfusion practices at Rajkot	Poster	Dr. Rajesh Sawant (Medical Director)	31st International Congress, ISBT. Berlin, Germany	
	"Plateletpheresis Procedure Management: Need For a Voluntary Platelet Donor Program"	Poster	Dr. Sahjid Mukhida (Apheresis Co-ordinator)	31st International Congress, ISBT. Berlin, Germany	Received Harold Gunson Fellowship Award
	"Quality systems for Elisa testing in blood bank"	Poster	Ms. Darshana Khandhedia (Tech Supervisor)	31st International Congress, ISBT. Berlin, Germany	Received Harold Gunson Fellowship Award
2011	"Evaluation of Platelets for Bacterial Contamination using the eBDS system-A Pilot Study"	Poster	Dr. Rajesh Sawant (Medical Director)	21st Regional Congress of the ISBT, Europe (Lisbon)	
	Red Cell Alloimmunization in Transfusion Dependent Thalassaemia Patient's in Saurashtra Region of Gujarat, India	Poster	Mrs. Jyoti Bhatt (Technical Supervisor)	22nd Regional Congress of ISBT Asia (Taipei)	Received Harold Gunson Fellowship Award

	Understanding Clinician's Knowledge and Attitude towards Blood Safety in Saurashtra Region of Gujarat, India: A questionnaire based study.	Oral	Ms. Dhrupal Kothari (Document Control Officer)	22nd Regional Congress of ISBT Asia	Received Harold Gunson Fellowship Award First Oral International Presentation by RVBB Staff
	"Screening for Red Cell Antibodies in Blood Donors and Recipients in Saurashtra Region with the automated SPRCA Technology"	Poster	Dr. Rajesh Sawant (Medical Director)	22nd Regional Congress of ISBT Asia, Taipei 2011	
2012	"Preparation of Red Blood Cell by using integral inline filter blood bag system."	Poster	Ms. Meera Ambani (Technical Supervisor-DQM)	International Conclave on Total Quality Management	Best Poster Award
	Testing for the Malarial Parasite in Blood Bank: Important lessons learnt scope for improvement	Poster	Mrs. Rupal Chavda (Technical Supervisor-DQM)	International Conclave on Total Quality Management	
	Are repeat blood donors based from closed social community group safer?	Poster	Dr. Rajesh Sawant (Medical Director)	32nd International Congress, ISBT 2012 Cancun Mexico	
	Transfusion Therapy for Patients with Auto Immune Haemolytic Anemia: Least Incompatible v/s Partial Phenotype matched Blood Transfusion	Poster	Dr. Rajesh Sawant (Medical Director)	32nd International Congress, ISBT 2012 Cancun Mexico	
	Environmental Surveillance in Blood Bank: Valuable tool for monitoring risk of microbial contamination of blood components	Poster	Dr. Rajesh Sawant (Medical Director)	32nd International Congress, ISBT 2012 Cancun Mexico	
	Screening of deferred blood donors for hemoglobinopathies:	Poster	Dr. Rajesh Sawant (Medical Director)	32nd International Congress, ISBT 2012 Cancun Mexico	

	impact analysis in a high prevalence zone.				
2013	In process leucocyte depletion: A need of multi-transfused patients.	Poster	Dr. R. P. Singh (Medical Director)	23rd regional congress of ISBT-Europe, Amsterdam, Netherlands.	
	Root cause analysis of low quantity (LQ) and Quantity not sufficient (QNS) blood collections in-house and at blood collection camps.	Poster	Dr. Kamlesh Dharajiya (Blood Transfusion Officer)	2nd International conference of SAATM, New Delhi India	
2019	Making blood safe through accreditation – Experiences of Standalone Blood Centre.	Oral	Dr. Nishith A. Vachhani (Quality Manager)	30th Regional Congress of ISBT, Bangkok - Thailand	Received Harold Gunson Fellowship Award
2021	Cases of the rarest of the rare B subgroups (Bx & B_3) detected at a standalone blood centre in Saurashtra region, Gujarat, India	Virtual Poster	Mrs. Jyoti Bhatt (Deputy Technical Manager)	ISBT In-Focus (Virtual Congress) 2nd to 08th June, 2021	
2022	Prevalence of irregular red blood cell antibodies among healthy blood donors in western India: a survey from a standalone regional transfusion centre.	Virtual Poster	Dr. Spruha Dholakiya (Deputy Medical Director)	ISBT In-Focus (Virtual Congress) 2nd to 08th June, 2022	