





Haemovigilance Newsletter

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Celebrated World Blood Donor Day on 14th June, 2024 at National Institute of Biologicals (NIB), NOIDA in collaboration with Federation of Blood Donor Organisations of India (FBDOI)

Haemovigilance Programme of India-Milestones	03
National Workshop on HvPI	04
Meeting	08
International Webinar	09

"The aim of the newsletter is to disseminate information on Haemovigilance Programme of India so as to create awareness amongst healthcare professionals & other stakeholders on safe Blood Transfusion & Blood Donation Practices"

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Table of Contents

Haemovigilance Programme of India-Milestones	3
National workshop on Haemovigilance, Donor Vigilance & Voluntary Blood Donation	4
National skill developement & Hands on training programme to M.Sc Students	8
International Webinar	9
New Members Enrolled under HvPI	10
How to Enrol your Centre under HvPI	15

Haemovigilance Programme of India - Milestones

Haemovigilance Programme of India was launched on 10th December, 2012 at the National level in 90 medical institutions across the country by National Institute of Biologicals (NIB), NOIDA, Ministry of Health & Family Welfare, Government of India as the National Coordinating Centre (NCC). The objective of this programme is to track Adverse Reactions associated with Blood Transfusion and Blood Donation.

Haemovigilance is defined as 'a set of surveillance procedures covering the whole transfusion chain from the collection of blood and its components to the follow-up of its recipients i.e. from the vein of the donor to the vein of the recipient. It is intended to collect and assess information on unexpected or undesirable effects resulting from the therapeutic use of labile blood products and to prevent their occurrence and recurrence'. Haemovigilance is a tool to improve the quality of the blood transfusion chain, primarily focusing on safety.

- 1. The recipient's arm i.e. reporting of Adverse Reactions with respect to Blood Transfusion in the patie is being covered under **Haemovigilance Programme of India (HvPI)** with the launch of the programme on 10th December, 2012 in the country.
- 2. The donor's arm i.e. Reporting of Adverse Reactions associated with Blood Donations is being covered under **National Blood Donor Vigilance Programme (NBDVP)** which was launched on 14th June, 2015 on World Blood Donor Day at Science City Kolkata under the ambit of HvPI.
- 3. Reporting of Adverse Transfusion Reactions is done online via Haemo-Vigil software & reporting of Adverse Blood Donor Reactions is done via Donor-Vigil software available on NIB website www.nib.gov.in

Implementation and coordination of activities of Haemovigilance Programme of India became one of the Mandates of NIB as per its bye-laws 3.4.1 of the Institute as approved in the Governing Body meeting of NIB held under chairpersonship of Secretary (Health & F.W.)/ Chairman, Governing Body of NIB on 12th Dec, 2014

DCG (I) issued an office memorandum dated 4th December, 2015 w.r.t. enrolment of all licensed blood centres under HvPI. These licensed blood centres are required to obtain their user ID and password from NIB to uplink their adverse transfusion reaction data to Haemo-Vigil software under HvPI.

National Accreditation Board for Hospitals and Healthcare Providers (NABH) in its third edition of accreditation standards on Blood Centres and transfusion services issued in year 2016 has included enrolment by Blood Centres under National Haemovigilance Program of India and monitor adverse donor reactions and adverse transfusion reactions in compliance to the issued directives.

NCC-HvPI, NIB issues certificate of participation to the centres who are actively reporting under Haemovigilance Programme of India.

National Institute of Biologicals (NIB), NOIDA & Federation of Blood Donor Organisations of India (FBDOI) jointly organized the National Workshop on Haemovigilance, Donor Vigilance & Voluntary Blood Donation on 14th, 15th & 16th June, 2024 at NIB, NOIDA

- Federation of Blood Donor Organisations of India (FBDOI) & NIB have jointly organized the National Workshop on Haemovigilance, Donor Vigilance & Voluntary Blood Donation at NIB, NOIDA from 14th 16th June, 2024.
- The National Workshop was inaugurated by the Chief Guest Srimat Swami Sarvalokanandaji Maharaj, Secretary, Ramakrishna Mission, New Delhi and Dr. Anup Anvikar, Director NIB has Presided the Inauguration Programme.
- Dr. Akanksha Bisht, Scientist Grade I & Head-Haemovigilance Programme of India, NIB welcomed the gathering and enlightened the audience on "Role of NIB in Haemovigilance and Donor Vigilance Programme in India" in the Workshop
- About 120 participants from 23 States and UTs which included Voluntary Blood Donors, Donor Motivators, Blood Centre Officials, Clinicians & Government Officials across the country participated in the Workshop.
- NIB also organized the 2.0 KM walk around the campus of NIB, NOIDA & candle lighting event as part of the celebration of World Blood Donor Day on 14th June, 2024 at NIB, NOIDA wherein Dr. Akanksha Bisht, Scientist Grade I & Head-IDKL, HvPI & Dr. R.K.Sharma, Scientist Grade III participated.

DAY-1





Walk on World Blood Donor Day





NIB organized the 2.0 KM walk around campus of NIB, NOIDA







Presentation & Discussions on following topics:-

- Role of NIB in Haemovigilance and Donor Vigilance Programme in India.
- International and National Scenario of Voluntary Blood Donation.
- Blood Services and its relevance in Health System.
- * National Blood Transfusion Scenario.
- * Thalassemia Challenges in India.
- * Government / Corporate / Private
- * Partnership on Voluntary Blood Donation.
- Rational use of Blood and blood components and Haemovigilance.
- Disaster Management in Blood Transfusion Services.













Candle Light Procession by the Participants at NIB, NOIDA

Presentation & Discussions on following topics:-

- Modern Blood Centre in India
- Role of Thalassemics India on Thalassemia Care & Support.
- Need of Voluntary Blood Donation & Haemovigilance and Donor Vigilance Programme.
- Role of BCTAM IN strengthening Blood Centre.
- Harnessing power of Digital Media on Voluntary Blood Donation Campaign.
- * Innovative and Unique Concept in VBD.
- Need of Haemovigilance and Donor Vigilance programme.
- Role of technician on donor safety and need of donor safety programme.
- Thalassemia and sickle cell Care, Support & Eradication.





DAY-3

Presentation & Discussions on following topics:-

- Need of motivation for Voluntary Blood Donation.
- Motivation on Voluntary Blood Donation.
- History of Voluntary Blood Donation Movement in India.
- Role of Women In Voluntary blood Donation. Voluntary Blood Donation, recruitment & Retention





हेमोविजिलेंस, दाता निगरानी और स्वैच्छिक रक्तदान पर राष्ट्रीय कार्यशाला का आयोजन



राष्ट्रीय जैविक संस्थान नोयडा में तीन दिवसीय हेमोविजिलेंस, दाता निगरानी और स्वैच्छिक रक्तदान पर राष्ट्रीय कार्यशाला का आयोजन किया गया। जिसका आयोजन भारत सरकार के स्वास्थ्य और परिवार कल्याण मंत्रालय और भारत की रक्तदाता संगठनों के द्वारा किया गया। जिसमें पूरे देश से विभिन्न संस्थाओं के पदाधिकारी व कार्यकर्ता मौजूद रहे।

जिसमें मध्यप्रदेश से थैलेसीमिया जनजागरण समिति की

ओर जबलपुर से विकाश शुक्ला ने प्रतिनिधित्व किया, इस दौरान उनका सम्मान भी किया गया। इस तीन दिवसीय कार्यशाला का मुख्य उद्देश्य स्वैच्छिक रक्तदान के प्रति जागरूकता बढाना और हेमोविजिलेंस तथा दाता निगरानी के महत्व को समझाना था। इस कार्यशाला ने रक्तदान के प्रति समाज में जागरूकता फैलाने और इसे एक नियमित प्रक्रिया बनाने की दिशा में एक महत्वपूर्ण कदम उठाया। आयोजन समिति ने सभी प्रतिभागियों से अनुरोध किया कि वे अपने.अपने क्षेत्रों में स्वैच्छिक रक्तदान को

प्रोत्साहित करें और इस महान कार्य में अपना योगदान दें। आयोजन में डाउन मेमोरी लेन नामक डॉक्यूमेन्टरी प्रस्तुत की गई, इस दौरान अंतर्राष्ट्रीय और राष्ट्रीय स्वैच्छिक रक्तदान परिदृश्य, स्वास्थ्य प्रणाली में रक्त सेवाओं का महत्व, रक्त संक्रमण सेवाओं का विश्व परिदृश, भारत में थैलेसीमिया की चुनौतियां, स्वैच्छिक रक्तदान में सरकारी, कॉपेरिट, निजी भागीदारी, रक्त और रक्त घटकों का तर्कसंगत उपयोग आदि पर विशेष जोर दिया गया। कार्यक्रम की अध्यक्षता सुभाष

प्रादेशिक

विश्व रक्तदान दिवस के उपलक्ष्य में तीन दिवसीय आयोजन

जन जागरण संदेश

/अंकुर प्रकाश गुप्ता मुजफ्फरनगर विश्व खत्तदान दिवस के उपलक्ष्य में फेदरेशन ऑफ ब्लंड डोनर ऑर्गेनाइजेशन ऑफ इंडिया द्वारा नेशनल इंस्टिट्यूट ऑफ बायोलॉजिकल्स भारत सरकार,में एक तीन दिवसीय आयोजन का शुभारंभ किया गया। यह कार्यक्रम रक्तदान के महत्व को बढ़ावा देने और इसके विभिन्न पहलुओं पर चर्चा करने के उद्देश्य से आयोजित किया जा रहा है। प्रतिनिधियों का जमावड़ा इस आयोजन में पूरे देश से रक्तदान सहयोगी संस्थाओं के प्रतिनिधि, ब्लड सेंटर के प्रतिनिधि, और हेमेटोलॉजी में कार्यरत वैज्ञानिक भाग ले रहे हैं। वे अपने अनुभव साझा करेंगे और रक्तदान से संबंधित चनौतियों और उनके समाधान पर विचार विमर्श करेंगे। इस तीन दिवसीय कार्यक्रम में रक्तदान के लिए नवीनतम तकनीकों, सुरक्षा मानकों, और जन जागरूकता अभियानों पर भी विशेष सत्र आयोजित किए जाएंगे। कार्यक्रम



की प्रमुख गतिविधियाँ विशेषज्ञ व्याख्यान विभिन्न क्षेत्रों के विशेषज्ञ रक्तदान और हेमेटोलॉजी के नवीनतम विकास और अनुसंधान पर व्याख्यान देंगे। प्रदर्शनियाँ रक्तदान और ब्लड बैंकिंग से संबंधित नवीनतम तकनीक और उपकरणों की पुदर्शनियाँ लगाई जाएंगी। कार्यशालाएँ प्रतिभागियों के लिए विभिन्न कार्यशालाओं का आयोजन होगा जिसमें वे अपने कौशल को निस्वार सकेंगे और नवीनतम प्रथाओं को सीख सकेंगे। रक्तदान का महत्व विश्व रक्तदान दिवस का उद्देश्य लोगों को रक्तदान के महत्व के प्रति जागरूक करना है। रक्तदान एक ऐसा महादान है जो अनगिनत जिंदगियों को बचा सकता है। इस

कार्यक्रम के माध्यम से, FBDOI और NIB का उद्देश्य रक्तदान के पति लोगों में जागरूकता बढ़ाना और उन्हें नियमित रूप से रक्तदान के लिए प्रेरित करना है। समापन समारोह तीन दिवसीय आयोजन का समापन एक विशेष समारोह के साथ होगा, जिसमें उत्कृष्ट रक्तदान सहयोगी संस्थाओं और रक्तदाताओं को सम्मानित किया जाएगा। इस अवसर पर, मुख्य अतिथि के रूप में प्रतिष्ठित वैज्ञानिक और स्वास्थ्य क्षेत्र के विशेषज्ञ शामिल होंगे। इस प्रकार, यह आयोजन न केवल रक्तदान की महत्ता को रेखांकित करेगा, बल्कि विभिन्न संस्थाओं को एक साथ लाकर इस क्षेत्र में सहयोग और समन्वय को भी बहावा देगा।

त्रिनेत्र

हरियाणा

राष्ट्रिय स्तर पर हुआ पलवल डोनर्स क्लब ज्योतिपुंज सम्मानित

असम्, उड्डीमा, पश्चिम बंगाल, पलवल होनमं क्लब ज्योतिपुंज के तमिलनाडू, हिम्पचल प्रदेश, मुख्य संयोजक आवंदीर लॉयन उत्तराखण्ड, विहार आदि के विकास मितल और सह संयोजक

सेपिनार का शुभारम्थ रामकृष्ण पिशन के श्रीमत स्वामी सर्वलोकानन्द महाराज, नेशनल सर्वजीकानन्द प्रसाराज, नेतानल ईस्टीट्यूट अपित सार्यालांजी के निट्यूक का अनुग अनिकार, सेलोसियामा एवं सिक्क्ल सैल सीसायटी हैटराजाद के अध्यक्ष प्रदुकान आपित छट्ट होना आगेर्नाडंजीसन आफ इंटिडमा के सेक्क्रेटरी जनस्त अपुत्री पीत, पूर्व आईएएस विजय डिजबर ने द्वीप प्रवृत्तित कर्ताल अपुत्री पीत, पूर्व



निदेशके डा. अनुप अन्विकार और फेडरेशन औफ ब्लड डोनर

न्यातिपुत्र को सम्मानित किया और जनकारी देते बताया कि सेमिनार में देश में स्वीच्छक रक्तदान विमत्त्रातुः, विमायनः प्रदेशः, मुख्य प्रोयोजकः आयोकीः लीवनः आमेनोद्रियेसनः आफ दण्डिया के बदाकर 100% करते, रक्तदन के वरतास्त्रपदः, विवारः आदि के विकास मित्रान और सार स्थियाकः सिक्टरी जनस्त अनुयो पीय ने दीवन होने वाली समस्याओं के विजितिभागि ने भी पण तिरमाः अस्त्रमा निर्मात्र ने फेटरितन का रक्तदन और स्वत्रन जामरकता ज्यायी, रक्तः के बहुते

कार्यना को पर क्या उर निवास क्रीद को क्यांच्या पर विचास क्रिया गया। इस कार्यशाला ने रक्तदान के प्री समाज में जनस्काल फैलाने और इसे एक रिवर्गिय प्रक्रिता नवने के दिखा में एक महत्वाचूर्ण कदम उदाया। अस्पेयन संस्थित ने सभी प्रतिभावित्य में अनुपेश क्रिया क्रिया स्व अस्पे-अस्पे कोर्ड में स्विध्यक्त रक्तदान की प्रमादित और अस्पे इस महान कार्य में अस्प्य योगदान है। इस अस्पार पर निकास ईस्टोट्स्ट ऑफ खाशालीजी के दिखाल डा. अनुप अनिनकार, अर्थ एस बी टी आई की सेक्टों असरत डा संपीता फठक, नेमानत आदि की व्यवस्था पर विचार

महासचिव 'डा. जे एस अरोरा, ऑसम तिवारो, डा. भरत सिंह, डा. असीमा दिखती, या अस्त वितं , या संध्य कृतार जाटब इ. अवस्थेता चित्र क्षेत्रीतीं जारित हुनी, अस्त्या सिंह्य क्षेत्रीतीं अस्त्या सिंह्य, विकास सिंह्य, अस्त्रा स्थ्या मुक्त हैं, अस्त्या दुनि, मुख्या मीत्री हिंद, प्रेक्ष कुम्बत, मुख्या मत्री हिंद, प्रेक्ष कुम्बत, मानुष्ठ आणी, सत्याजीत वितं, मोनुष्ठ आणी, सत्याजीत वितं, मोनुष्ठ अपनी, स्थापकी चीत्र, देश एक, विश्ववा वितंत, सोबसी चीत्र बीत्राली पर्यक्ता, देशीयत मुक्त्यती, नेत्र तथा होत्या सिंह्य, स्थापना वित्यास, नरेश शर्मा, बलराम विश्वास

राष्ट्रीय स्तर पर हुआ पलवल डोनर्स क्लब ज्योतिपुंज सम्मानित

हेमोविजिलेंस, दाता निगरानी और स्वैच्छिक रक्तदान पर राष्ट्रीय कार्यशाला का हुआ आयोजन

भ हाड़ीती अधिकार २० जन । फंडोजन

पलंबल, 20 जुन। फेडरेरान ऑफ म्बंड डोम्स अमेनेवाइनेबन ऑफ मिक्स प्रार राष्ट्रीय वैविक संस्थान नोएडा और मारा सरकार का स्वास्थ्य च परिवार कल्याण मंत्रालय सरवींग में 'डा घर राजदाता' अभियान के अनतांत तीन व्यसीय राष्ट्रीय सेमिनार का आयोजन क्ष्या गया। जिसमें देश के अनेक राज्यों दिल्ली, हरियाणा, उत्तरप्रदेश, पंजाब, राजस्थान, गुजरात, हारखंद, असणाचल प्रदेश, असम, उद्दोशा, पश्चिम बंगाल, तमिलनाडु, हिमाचल प्रदेश, उत्तराखण्ड, बिहार आदि के प्रतिनिधियों ने भी भा

सेनिया व्या शुभागभ राम्हण निराव के सीमा समाने संबंधिकारच साराज, नेवानता संविद्युद्ध और वाधेशांत्री के निरोक्त का अनुन अन्यवस्थ केनियान एवं विकास सेन सोसावदी हैराज्याद के अध्याव प्रकृतना अञ्चल और पेटोक्स और अपन केन्द्र आज्ञान और पेटोक्स और अपन केन्द्र आज्ञान कर पास्त्री सुन अपने स्थानित कर सार्व्या केन्द्र सार्व्या के सेन्द्रेयी जनात अनुन्धी चीप पूर्व आएएसा निराव जिल्ला ने दीच प्रवालित कर्य केन्द्र



पैठदेशन के राष्ट्रीय कार्यकारियी सदस्य एवं पत्तकत डिक्स स्वरूप मोलिय के के सिंद पत्रकत डिक्स कार्य मोलिय पूर्व संशोक्त किया मिला और साह पूर्व संशोकत क्रिया मिला ने पेठदेशन का हुए स्वाह्या के सिंदा में संशोक्त हुए स्वरूप कि लोग में संशोधन का पर्य पाला त्रीमी समय मोर्गिहर्ग के 'के लिए प्रमाण केमी नाम प्रोगीहर्ग किया मिना, अभिग्न प्रमान, ऐसी
मूख्य संखेळक कियान सिकार के साथ के सम्यानित किया और जानकारी देशे
मोर्ग के स्वित्य सिकार के स्वार्थ के सम्यानित किया और जानकारी देशे
मोर्ग के स्वार्थ किया कि प्रोग्ने क्षा स्वार्थ के स्वर्थ के स्वार्थ के स्वर

अपन चंत्रा म स्वाच्छक राजदान का फ्रेस्साहित करें और इस महान कार्य में अपना योगदान दें। इस अवसर पर नेशनल इंस्टोट्यूट ऑफ बायोलॉजी के निदेशक डा. अनूप

स्तानिक डा. ने एम अरोग, असिम त्वामी, डा. भरत सिंह डा. संजय कुछ तदन डा. अस्त्री बिह, बेंटेसिनकडण्डिय

Group Photograph



National Skill Development & Hands-on Training Programme on Quality Control of Biologicals for M.Sc. Students of various Universities of the country.

The students from 05 different Universities across the country were apprised about Haemovigilance Programme of India, followed by Hands-on training on Haemovigilance Software during these training programmes. One day sessions were kept for Haemovigilance Programme of India in the National Skill Development & Hands-on Training Programme on Quality Control of Biologicals held from Jan to June,



Mizoram University on 08th January to 19th January, 2024



Jammu & Himachal Pradesh University on 05th February 2024 to 16th February 2024



Guru Ghasidas Vishwavidyalaya, Chhattisgarh on 22nd April– 03rd May-2024



Vinoba Bhave University Hazaribagh, Jharkhand On 03rd June– 14th June-2024

Meeting Organized by NIB

An online Meeting of National Executive Committee as well as Core Group of Haemovigilance Programme of India was held on 18th January, 2024.





IHN Online Meetings

Head- HvPI being the Secretary of International Haemovigilance Network (IHN) attended the following online meetings on:-

- 05th February, 2024, 21st February, 2024 & 22nd February, 2024 1.
- 04th March, 2024 2.
- 13th May, 2024 & 16th May, 2024 11th June, 2024 & 13th June, 2024 3.
- 4.





International webinar

Head- HvPI invited as a speaker in the International webinar for Werfen Transfusion Connect series in Feb'24 held on 28th February, 2024 and gave the presentation on "First Decade of Implementation of Haemovigilance Programme in India" in the said webinar.



Prestigious Invitation: HvPI Head Speaks at International Webinar

Head- HvPI invited as speaker in International Haemovigilance Symposium 2024 organized by International Haemovigilance Network (IHN) on 11th and 12th April 2024 in Athens Greece wherein Head- H v P I gave the presentation on "A Decade of Dedication: The Growth and Development of the Haemovigilance Programme In India" during the symposium which provided an overview of Blood Regulatory Mechanism in India, inception & implementation of Haemovigilance Programme of India (HvPI).







New Members Enrolled under Haemovigilance Programme of India (91)

Andhra Pradesh

- 1. American Cancer Care Blood Centre, Vijaywada, NTR Dist.
- 2. Good Samaritan Blood Centre, Eluru Dist.
- Andhra Hospitals (Bhavanipuram) Pvt. Ltd., Blood Centre, Vijaywada, NTR Dist.

Assam

- M/s Swagat Blood Centre, Swagat Endolaparzoscopic Surgical Research Institute, Shantipur, Guwahati
- 2 Blood Centre, Assam Cancer Care Foundation, Dibrugarh

Bihar

1. State-of-the Art Model Blood Centre (Bank), Kankarbagh, Patna

Goa

 Blood Centre Victor Hospital & Medical Services Pvt. Ltd., Malbhat, Margao

Gujarat

- 1. Shree Uttam N. Bhuta Red Cross Blood Centre, Bhavnagar
- Nootan Medical College and Research Centre Affiliated Nootan General Hospital, Blood Centre and Aphaeresis Centre, Visnagar
- Blood Centre, U.N. Mehta Institute of Cardiology and Research Centre, Asarwa, Ahmedabad
- 4. Sushrusha Blood Centre, Navsari
- Gujarat Methodist Church Cardiac Care & Research Society, Nadiad, Kheda
- Zydus Hospitals and Healthcare Research Private Limited Blood Centre, Vadodara
- 7. Prathama Blood Centre, Nikol, Ahmedabad
- 8. Blood Centre Indian Red Cross Society, Vadodara

Haryana

- 1. Lions Blood Centre, Gurugram
- 2. Malik Hospital, Uttam Nagar, Hansi
- 3. Bhiwani Blood Centre, Rohtak Road, Bhiwani
- 4. Maharishi Markandeshwar College of Medical Sciences & Research, Sadopur, Ambala
- 5. Cygnus Superspeciality Hospital, Krishna Nagar, Rewari
- 6. Park Hospital Blood Center, Karnal

Himachal Pradesh

- 1. Dr. YSP Government Medical College, Nahan Dist. Sirmour
- 2. All India Institute of Medical Sciences (AIIMS), Bilaspur

Jammu & Kashmir

- 1. Jammu Blood Centre, Kunjwari By pass Road, Jammu
- 2. Blood Centre GMC, Kantbagh, Baramulla
- 3. Florence Hospital, Chanapora, Srinagar
- 4. Blood Centre Noora Hospital, Zaina Kote, Srinagar

Jharkhand

- 1. Samford Hospital Blood Centre, Kokar Chowk, Ranchi
- 2. Health Point Hospital, Blood Centre (A unit of Healthcare & Research Centre), Ranchi
- 3. Asarfi Hospital Blood Centre, Dhanbad

Karnataka

- 1. Srinivas Institute of Medical Sciences and Research Institute, Blood Centre, Mukka, Surathkal
- 2. St. Martha's Hospital Blood Centre, Bengaluru
- 3. Suchirayu Blood Centre, Hubbali
- 4. Sankalp Blood Centre, Vasanta Nagar, Bangalore
- 5. M/s Siddaganga Hospital Blood Centre, Tumakur

Kerala

- 1. Azeezia Medical College Blood Centre, Meeyannoor, Kolam
- 2. GG Hospital Blood Centre, Trivandrum
- 3. Govt. District Hospital, Nilambur, Malappuram
- 4. Women and Children Hospital, Alappuzha
- 5. MK Haji Orphanage Hospital, Tirurangadi, Malappuram
- 6. Govt. Medical College, Konni, Pathanamthitta

Madhya Pradesh

- 1. M/s Nia Sagarshree Blood Bank, Makroniya, Sagar
- 2. M/s Manas Blood Center & Component Center, Bhopal

Maharashtra

- 1. Sou. Sarjubai Bajaj Blood Centre, Pandharpur Dist-Solapur
- Topiwala National Medical College & B.Y.L. Nair Charitable Hospital, Mumbai
- 3. Ayush Blood Centre & Component Lab., Dhantoli, Nagpur
- 4. Mahalaxmi Blood Centre, Kolhapur
- 5. Manipal Hospitals Pvt. Ltd. Blood Centre, Baner, Pune
- 6. Criticare Hospital Blood Centre, Kurla West, Mumbai

Puducherry

 Sri Lakshmi Narayana Institute of Medical Sciences, Kudupakkam Post, Puducherry

Puniab

- 1. Blood Bank/ M/S K D Ganesha Hospital, Amritsar
- 2. M/s Shivam Multi Super Specialty Hospital, Hoshiarpur
- 3. Alpha Blood Centre, Rupnagar
- 4. Guru Kirpa Blood Centre, Ropar
- 5. Vardhman Mahaveer Healthcare Blood Bank, Patiala
- 6. Punjab Blood Centre, Bathinda
- 7. Simrita Blood Centre, Rajpura
- 8. Garg Hospital, Moga

Rajasthan

- 1. Alwar Blood Bank, Subash Nagar
- 2. Blood Centre, M/s Rukmani Birla Hospital (A unit of CMRI), Jaipur
- 3. Park Hospital, Behror
- 4. OM Hospital (A unit of Ranjeev Healthcare Pvt. Ltd.), Dist. Kotputli-
- 5. Gurukul Blood Bank, Jaipur
- 6. Suman Blood Centre (Run By Education Development & Management Research Trust), Mansarovar, Jaipur
- 7. Rajdhani Blood Centre, Jhotwara, Jaipur

Tamil Nadu

- 1. KMC Speciality Hospital (I) Ltd., Trichy
- 2. A.C.S. Medical College & Hospital Blood Bank, Chennai
- 3. Kauvery Hospital Blood Centre, Salem
- 4. Blood Centre Royal Care Super Speciality Hospital, Coimbatore
- 5. Nagapattinam Government Medical College Hospital, Nagapattinam
- 6. Sir Ivan Stedeford Hospital, Ambattur, Chennai
- 7. Sankara Blood Centre, Sankara Multi Speciality Hospital, Kanchipuram
- 8. Sri Venkateshwara Blood Centre, Redhills, Chennai
- 9. Arogya Blood Bank (Kauvery Hospital Medical Services Pvt. Ltd),
- 10. Blood Centre Institute of Obstetrics & Gynecology Hospital for Women and Children, Egmore, Chennai

Telangana

- 1. Star Hospitals Blood Centre-Nanakramguda, Rangareddy District
- 2. BBR Super Speciality Hospital Blood Centre, Balanagar, Hyderabad

Uttar Pradesh

- 1. IMA Charitable Blood Centre, Kanpur Nagar
- M/s Aryavart Hospital Blood Centre (A unit of shreya Medicare Pvt. Ltd., District Meerut
- 3. Charak Hospital & Research Centre Blood Bank, Dubagga, Lucknow
- 4. All India Institute of Medical Sciences, Kunraghat, Gorakhpur
- 5. Blood Centre of Integral Institute of Medical Sciences, Dasauli, Lucknow
- 6. Sarvodaya Hospital, Distt. Gautam Buddh Nagar

Uttarakhand

- 1. <u>J</u>aya Maxwell Hospital A Unit of KK Roy Healthcare Pvt. Ltd., Bahadrabad Haridwar
- 2. Government Doon Medical College & Hospital, Dehradun

West Bengal

- 1. Vivekananda Hospital Pvt. Ltd. Blood Centre, Paschim Bardhman
- 2. Netaji Subhas Chandra Bose Cancer Hospital Blood Centre, Kolkata
- 3. Santiniketan Medical College, Muluk, Birbhum
- 4. Life Care Medical Foundation Blood Centre, Golpark, Kolkata
- 5. Ruby General Hospital Pvt. Ltd. Blood Centre, Kolkata
- 6. Saroj Gupta Cancer Centre & Research Institute, Thakurpukur, Kolkata



National Institute of Biologicals Ministry of Health & Family Welfare, Govt. of India NATIONAL BLOOD DONOR VIGILANCE PROGRAMME





Version-2

A) Donor Information	
Donor Id *: Sex * (Male/Female/Other) Weight of Donor (kg) * Height of Donor (cm)* Age/ Date of Birth * Yrs: Month: Days: OR Pre-Donation Vitals* Pulse: per min	Type of Donation* (a) Whole Blood (b) Apheresis (Platelets/Plasma/ Plasma + Platelets/RBC/Granulocyte/ Peripheral Blood Stem Cells/ COVID-19 Convalescent Plasma) Donor Type* (a) Voluntary (b) Replacement (c) Family Donor (d) Autologous (First Time/Repeat) Site of Donation* (Blood Centre/Camp) Date of Donation * Time of Donation Hr Min
B) Whole blood Details of Blood Collected/Apheresis Details of Blood Co	llected
(a) Whole Blood Lot No. of Blood Bag* Manufacturer of Blood Bag* ————————————————————————————————————	Volume Collected (ml)* Pvt. Ltd/ val Inc/Polymed/Other) Expiry Date of Blood Bag* Expiry Date of Kit*
C) Adverse Reaction Details	
Date and Time of reaction* HrMin Vitals at the time of Reaction Pulse: per min BP (Systolic): mm BP (Diastolic): mm Venipuncture Site* (Left/Right/Both) Venipuncture* (1/2/>2)	
D) Type of Complications:*	
Localised Complications A1-Complications mainly characterized by the occurrence of blood outside the (a) Haematoma (bruise) (b) Arterial puncture (c) Delayed(bleeding/Re-bleeding) (Within 30 minutes of Donation/Ai A2-Complications mainly characterized by pain (a) Nerve injury/irritation (b) Other Painful arm A3-Localised infection/inflammation along the course of a vein (a) Thrombophlebitis (b) Cellulitis A4- Allergy (local): Itching and redness at the (Venipuncture Site/Medical) A5-Other major blood vessel injury -Serious conditions needing specialist medical (a) Deep venous thrombosis (DVT) (b) Arteriovenous fistula (c) Compartment syndrome (d) Brachial artery pseudoaneurysm	fter 30 minutes of Donation) ral Adhesive Medicated Tape/Skin Disinfection Area)



National Institute of Biologicals Ministry of Health & Family Welfare, Govt. of India NATIONAL BLOOD DONOR VIGILANCE PROGRAMME



(Haemovigilance Programme of India)
Adverse Blood Donor Reaction Reporting Form

Version-2

Generalized Complications										
☐ B1-Vasovagal reactions										
(a) ☐Generalized Weakness	(b) ☐ Anxiety	(c) Dizziness	(d) Nausea							
(e) □Vomiting	(f) ☐ Pallor(skin and lips)	(g) Rapid Pulse	(h) Convulsions							
(i) Cold extremities	(j) ☐ Hyperventilation	(k) Hypotension	(l) Low Vol Pulse							
(m) ☐ Feeling of warmth	(n) ☐ Tetany	(o) Loss of bowel or bladder control	(p) ☐ Cyanosis							
(q) ☐ Sweating (r) ☐ Loss of Consciousness(LOC) ☐ (<60 Sec/>60 Sec)										
B2-Allergic reactions (Generalized)										
(a) Cyanosis (b) Wheezing (c) Flushing, swelling of eyes, lips or tongue										
(d) Chest tightness (e) Cardiac a rrest										
B3-Other serious complications related to										
(a) Acute cardiac symptoms(other than myocardial infarction or cardiac arrest) (b) Myocardial infarction(MI)										
, ,	d) Transient Ischemic attack (TI	(e) Death								
Apheresis Complication Yes/No										
☐ C-Complications related to apheresis										
(a) Citrate reaction	□ 1' · 1 / 1 · · · 1 · 1 · · · ·	□ Marilla tarta □ □ Mari	.1.4.5.15							
☐ tingling/vibrations-lips,fingers☐ Carpopedal spasm	☐ light-headedness		scle twitching							
☐ Prophylactic Calcium given before the control of	Shock ore reaction (Yes/No)	☐ Cardiac arrest ☐ Teta	пу							
(b) Haemolysis during procedure	one reaction [(res/140)									
(c) Air embolism										
(d) Unable to return red cell(>200ml)										
Other Complication										
☐ D-Other Reactions Please Specify										
		0.11	1 11 0 1							
Outcome* Resolved on donation sit		•	Lecovered with Sequelae June 1 June 1 June 1 June 1 June 1 June 2 June 1 June 2 June							
i remanently disabled		ving the adverse reactions \Box C	JIKHOWH							
Imputability* Definite (Certain)	☐ Probable (Li	kely)	ossible							
☐ Unlikely (Doubtful)	☐ Excluded									
Any Other Information or Predisposing	Factors for Submitted Reaction	ons:								
Reporter		Data of Danowt								
•		Date of Report.								
Denominator Data about All Donor										
Total Donation in the month (of reporting	ng)									
☐ Whole blood										
Volume of donation (Total)* No. of	350 ml bags	No. of 450 ml bags								
☐ Apheresis if apheresis	RBC	Platelets Plasn	ma							
	Plasma+Platelets		Blood Stem Cells							
	COVID-19 Convalescent Plasma									
		0.1								
Gender of Donor(Total)* Male	Female [Other								
Type of Donation(Total)* Voluntary	Replacement	Family Donor	Autologous							
Donor Types(Total)* First-Time Donors	Repeat Donors									
Site of Donation(Total)* Blood Centre	Camp									



National Institute of Biologicals

Ministry of Health & Family Welfare, Govt. of India (National Coordinating Center)



HAEMOVIGILANCE PROGRAMME OF INDIA

Transfusion Reaction Reporting Form (TRRF) For Blood & Blood Components & Plasma Products (Version-2)

(4) 5														* IV	andatory Field
•	ent Information														
	lospital Code No.: atient Initials*: Gender*: Blood Group*:														
	ital Admission No.*: Age/Date of Birth*:YrsMonthDaysHrsMins														
	imary Diagnosis*:														
Medical History:															
B) Transfusion Reaction Details*															
	is the patient under anaesthesia during transfusion: Yes/No if Yes type: GA/Spinal/LA														
											RR:	SPO2:			
	he time of react k mark the rele			امط اما	la					Ten	np:	Pulse:	BP:	RR:	SPO2:
Generali		vant signs and s	· ·	Pain			Roc	pirato	m,	Rer	aal			Circulator	
	Fever	Anxiety			Chest Pa	in		1	pnoea	Kei	Haema	turia			hycardia
	Chills		Pruritus)	Н	Abdomii		Т		eeze	┢	_	globinuria			pertension
	Rigors	Edema (Back/Fla	nk Pain		Cou		Ē	Oliguri			Нур	otension
	Nausea	Juandice	e		Infusion	Site Pain	Hypoxemia				Other_			Rais	sed JVP
	Urticaria	Other_		Ш	Other									_	hythmias
	Flushing						Bilateral Infiltrates on							Oth	er
H	Restlessness Vomiting						Cne:	st X-ray Othe							
									-1						
(C) Trans	fusion Produc	t(s) Details*													
Select*	Select Component	Select Indication	Date & Time of Issue of Blood Component	of	e & Time f onset nsfusion	Unit Id (Transfused)		ood roup	Volume Transfused (ml)	o	piry date of Blood mponent	Manufact urer of Blood Bag	Batch / Lot No. of the Blood Bag		st time/ Transfusion
	Saline Washed Red Cells COVID-19														
	Convalescent Plasma														
	Whole blood													1	st Time
	Packed Red blood cells (PRBC)														
	Buffy coat depleted PRBC														
	Leucofiltered PRBC														
	Random														
	Donor platelets/													Rep	eat 1 to 10
	pooled														
	Apheresis Platelets														
	Fresh Frozen Plasma														
	Cryoprecipitat e													Rep	peat > 10
	Any Other														
Add New	Plasma Produc	t													
												Expiry			
Select	elect Plasma Product Indi		cation	1	Date of Admin	ate of Administration		Manufacturer		urer	Date of the Plasma Product	Batch No. / Lot No.	1st Tir	ne / Repeat	
														Repe	st Time eat 1 to 10 peat > 10

(D) Inve	estigations												
	Clerical Checks Specify Error Found if any:												
	Investigation Pre-transfusion sample Post-transfusion sample							nsfusion sample					
	Visual Check			•	Fre-transitision sample Fost-transitision sample								
*	Repeat Blood Grouping		<u>От</u>	/A+ /B+ /AB+ /	′O-	/A_ /R_ /AR_			O+ /A+ /B+	/AB+ /O-	/A- /B- /AB-		
*	Repeat Crossmatch		<u> </u>	Compatible		InCompatible		Not Done	Compa		InCompatible Not Done		
*	Repeat Antibody screen			Negative	H	Positive		Not Done	Negati		Positive Not Done		
\vdash	, , , , , , , , , , , , , , , , , , ,			Negative	_			NOT DOILE	ivegati	ve	rositive Not Dolle		
	Antibody Identification		_	1		7 s F	 -	N . B					
*	Direct antiglobulin test			Negative	L	Positive		Not Done	Negati	ve	Positive Not Done		
	Hemoglobin												
	Plasma Hemoglobin												
	Urine hemoglobin												
	Bilirubin (Total/conjugated)												
	Platelet count												
	PT/INR												
*	Blood culture of Blood Bag			Negative		Positive	1	Not Done	Specify Org	anism if p	ositive		
*	Blood culture of Patient			Negative		Positive	1	Not Done	Negati	ve 🗌	Positive Not Done		
		Š	Spe	cify Organism	if p	oositive			Specify Org	anism if p	ositive		
	Chest X-ray of the patient in case of suspe			, ,					-,,				
In case o	of Non-immune hemolysis (which of the fo		·?)										
III case (Hemolysis due to freezing of PRBC Units	mowning was the case	••,										
\vdash	· '	of DDDC Units											
\vdash \vdash	Hemolysis due to inappropriate warming					C	1.						
\vdash	Hemolysis due to infusion of any other flu	iid through same Bi s	et.			Specify Fluid	<u>:</u>						
	Mechanical damage												
In Case	of ABO Mismatch (which of the following v	was the case?)											
	Wrong Blood in tube												
	Grouping error												
	Labelling error												
	Wrong unit transfused												
(E) Nat	ure of Adverse Reaction(s)*												
								a =:		Date &			
Select		Reaction					Date	& Time o		Time of	Outcome		
								Reacti	on	Recover			
	Febrile Non Haemolytic Reactions (FNHTR	<u>,</u>								ILCCO VCI	'		
	1° C rise in temperature	• /											
	2° C rise in temperature												
											1. Death following the		
	Only Chills & Rigors										Adverse Reaction(s)		
	Allergic reaction												
	Anaphylaxis												
	Immunological Haemolysis due to ABO Inc	compatibility											
	Immunological Haemolysis due to other A	· · · · · · · · · · · · · · · · · · ·											
\vdash	Non Immunological Haemolysis	o / III.l. Doules											
	Hypotensive Transfusion Reaction									2. Recovered			
\vdash	· ''									2. Recovered			
	Transfusion Related Acute Lung Injury (TR	(ALI)											
	Definite												
	Possible												
	Transfusion Associated Dyspnoea (TAD)												
	Transfusion Associated Circulatory Overlo	ad (TACO)											
	Transfusion Transmitted Bacterial Infection	on									3. Recovered with		
	Transfusion Transmitted Parasitic Infectio										Sequelae		
	Post Transfusion Purpura	, , , , , , , , , , , , , , , , , , , ,											
	Transfusion Associated Graft versus Host	Disease (TAGVHD)											
\vdash	Other Reaction (s)	Disease (TAGVIID)					-				4. Unknown		
	I Company					_					4. OTKHOWIT		
	Add New					7							
	DITUTE ACCESSES					-	L						
	BITLITY ASSESSMENT												
(F) Imp	utability Assessment*								ψ.	- I- 111			
S. No.	Reaction Term	Trans	sfus	sion Product/	Co	mponent				_	sessment		
									Please mer	ition from	the below list)		
*Imputa	bility: 1. Definite (Certain), 2. Probable (Li	kely), 3. Possible, 4. l	Unl	ikely (Doubtfu	ıl),	5. Excluded, 6. Not A	Assess	sed					
		Mon	thl	y Denominat	or	Reporting Form *							
Hospita	Code:			ı	VΙο	nth/Year:							
	Blood Componer	nt						No.	of Units Iss	ued			
1) Saline	Washed Red Cells												
	D-19 Convalescent Plasma												
	Frozen Plasma												
4) Whol													
	d Red Blood Cells (PRBC)												
<u> </u>	Coat Depleted PRBC												
	filtered PRBC												
8) Rando	om Donor Platelets/ Pooled												
9) Apheresis Platelets													
10) Cryoprecipitate													
	Other												

How to Enrol your Centre under HvPI

Who can Enrol?

Head/In-charge of Transfusion Medicine Department / Blood Centre

How to Enrol?

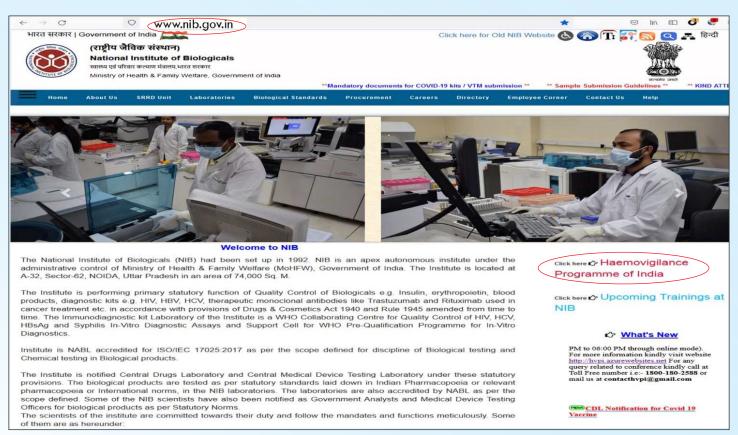
- Head / Incharge of Transfusion Medicine Department / Blood Centre provides the necessary details to the National Coordinating Centre (NCC) Haemovigilance Programme of India (HvPI) by sending the duly filled **Enrolment Form** either to NCC at National Institute of Biologicals, Ministry of Health & Family Welfare, Plot No. A-32, Sector-62, Institutional Area, NOIDA 201 309 (U.P.) or via E-mail to NCC at haemovigilance@nib.gov.in
- 2) NCC verifies the details provided by the centre.
- 3) After verification, NCC issues the User Id and Password to the Head / Incharge of Transfusion Medicine Department / Blood Centre to access the (a) Haemo Vigil Software (b) Donor-vigil Software for onward Submission of Transfusion Reactions Reports and Adverse Blood Donor Reaction Reports to NCC.

Download Enrolment Form from the site:-http://nib.gov.in/media/Annexure7.pdf

How to Report?

Reporting of Adverse Transfusion Reactions via Haemo-Vigil Software & Adverse Blood Donor Reactions in donation via Donor-Vigil Software.

- a) Centres enroled under HvPI receives unique User Id & Password from NCC-HvPI, NIB.
- b) User Id & Password is same for both the Softwares i.e. Haemo-Vigil (to report adverse transfusion reactions) & Donor-Vigil (to report adverse donor reactions).
- c) Software(s) link is available at NIB website i.e. www.nib.gov.in under the tab of Haemovigilance Programme of India.
- d) The adverse reaction reports can be uplinked and submitted online via the above mentioned software(s) to NCC-HvPI, NIB





National Institute of Biologicals- National Coordinating Centre-HvPI

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National Institute of Biologicals

Ministry of Health and Family Welfare, (Government of India)

Address : Plot No.: A-32, Sector-62, Institutional Area, Noida - 201309, (U.P.)

NIB Website : http://nib.gov.in

Phones : 0120-2400072, 0120-2593600

Toll Free No.: 1800-180-2588 [Mon to Fri (9:00 a.m. to 5:30 p.m.)]

Query related to Haemovigilance Programme of India.

For any other Information/ Suggestions/ Query related to

Haemovigilance Programme of India

Kindly Contact:

Dr. Akanksha Bisht, Scientist Grade-I & Head-Haemovigilance Programme of India, NIB, NOIDA at : haemovigilance@nib.gov.in