



Government of India  
Ministry of Chemicals & Fertilizers  
Department of Pharmaceuticals

# Jan Aushadhi VARTA



EDITION 28

08<sup>th</sup> November, 2024

NEWSLETTER

*Inauguration of*

**Janaushadhi Kendras at AIIMS Campuses across India  
by the Hon'ble Prime Minister**



*On 29<sup>th</sup> October 2024, Shri Narendra Modi, Hon'ble Prime Minister, virtually launched new Jan Aushadhi Kendras at multiple locations of AIIMS Campuses, New Delhi, Bilaspur (Himachal Pradesh), and Kalyani (West Bengal). The Hon'ble Prime Minister was accompanied by Shri J. P. Nadda, Hon'ble Union Minister of Health & Family Welfare and Chemicals & Fertilizers, Shri Mansukh Mandaviya, Hon'ble Minister of Labour and Employment; Youth Affairs and Sports, Ms Anupriya Patel, Hon'ble Union Minister of State for H&FW & MoS for C&F, Shri Prataprao Jadhav, Hon'ble Minister of State (Independent Charge) of Ministry of Ayush, and Minister of State of H&FW and other distinguished officials of the Government of India.*



Total No.  
of Kendras  
**14,131**  
(till 31.10.2024)



Total Sales crossed  
**Rs. 1072.7 Crore**  
FY 2024-25  
(till 31.10.2024)



Estimated Savings Approx  
of **Rs. 5363 Crore** to  
Citizens FY 2024-25  
(till 31.10.2024)



Sales of  
September 2024  
is **Rs. 159.45  
Crore**

# HIGHLIGHTS



29<sup>th</sup> October, 2024

## Inauguration of the

## JAN AUSHADHI KENDRA at AIIMS, New Delhi

The Janaushadhi Kendra at AIIMS, New Delhi was visited by Dr. Arunish Chawla, Secretary (Department of Pharmaceuticals, GoI), Shri Ravindra Pratap Singh (Joint Secretary, Department of Pharmaceuticals, GoI) and Ms. Nirja Saraf, MD, Hindustan Antibiotics Limited (HAL). The officials were felicitated by Shri Ravi Dadhich, CEO, PMBI. This initiative represents a major stride towards making quality healthcare more accessible and affordable across the country. These Janaushadhi Kendras are designed to offer high-quality generic medicines at reduced prices, positively impacting millions of citizens nationwide. The location of Janaushadhi Kendras at AIIMS is an important step towards catering to patients visiting the hospital area on a daily basis.





## HIGHLIGHTS

### Outstanding Achievement of **Pradhan Mantri Bhartiya Janaushadhi Pariyojana (PMBJP)**

Reaching  
**Rs. 1000 Crore**



in  
**SALES** by

**October 2024**

*achieved 2 months earlier than the past year*

Pradhan Mantri Bhartiya Janaushadhi Pariyojana (PMBJP) emerged triumphant in achieving sales of Rs. 1000 Crore in the year 2024-25, till October 2024, a significant advancement achieved 2 months earlier than the past year. This achievement highlights the growing trust and reliance of the people on affordable and quality medicines. Notably, PMBI sold medicines worth Rs. 200 crores in September 2024.

# HIGHLIGHTS



14<sup>th</sup>-15<sup>th</sup> October, 2024

## Inauguration of the **JAN AUSHADHI STALL** at



New Delhi

## 19<sup>th</sup> International Conference of Drug Regulatory Authorities (ICDRA)

Hon'ble Union Minister of Health & Family Welfare and Chemicals & Fertilizers, GoI, Shri J. P. Nadda inaugurated the Janaushadhi stall at the 19th International Conference of Drug Regulatory Authorities (ICDRA), displayed in Hall No. 1 at Yashobhoomi, ICC, New Delhi. The conference was organized by the Central Drugs Standard Control Organisation (CDSCO) from October 14th to 15th, 2024. In a message of support, the Hon'ble Minister complemented Janaushadhi Pariyojana for its outstanding commitment for delivering high-quality medicines at affordable prices to the public.

The Hon'ble Minister highlighted the role of India as "pharmacy of the world enabling affordable access to essential medicines, vaccines, and medical supplies worldwide". The Janaushadhi stall was visited by Dr. Arunish Chawla, Secretary (Department of Pharmaceuticals, GoI), Shri Ravindra Pratap Singh (Joint Secretary, Department of Pharmaceuticals, GoI) and other distinguished officials of Department of Pharmaceuticals. Shri Ravi Dadhich, CEO-PMBI, felicitated the Honorable Minister for his gracious presence at the stall along with the other dignitaries at this event.





# HIGHLIGHTS



09<sup>th</sup> October 2024

*Keynote address at the*

## 6<sup>th</sup> CII Pharma & Life Sciences Summit 2024

**Dr. Arunish Chawla**, Secretary, Department of Pharmaceuticals



New Delhi

Dr. Arunish Chawla, Secretary, Department of Pharmaceutical, Ministry of Chemicals & Fertilizers, GoI highlighted at the 6th CII Pharma & Life Sciences Summit on India's biotech and Pharma Sector. He mentioned that it has emerged as the fourth-largest export industry, aspiring to solidify its position as the world's trusted pharmacy. He assured that this sector generates twice the output value of many others, emphasizing its strategic significance. He also mentioned about investment opportunities in Biotech and Pharma are expanding rapidly, showcasing the sector's potential.



# HIGHLIGHTS



04<sup>th</sup> October 2024

**PMBI and Indian Red Cross Society** Collaborate to Deliver High-Quality Jan Aushadhi Medicines through

## Memorandum of Understanding (MoU)



New Delhi

In a significant step towards ensuring accessibility of generic medicines at all corners of the country, Shri Ravi Dadhich, CEO of Pharmaceuticals and Medical Devices Bureau of India (PMBI) signed a Memorandum of Understanding (MoU) with Shri Ajay Kumar Gupta, IAS, District Magistrate of South East Delhi and Honorary Secretary of the IRCS Delhi Branch, on October 4, 2024 for making Jan Aushadhi medicines available at the Red Cross Society Hospitals in Delhi. This collaboration represents a meaningful step toward improving healthcare accessibility by, helping ensure affordable, quality healthcare for all.





# HIGHLIGHTS



22<sup>nd</sup> October 2024

*Empowering Conversations:*

## Engaging Session with Jan Aushadhi Kendra Owners



Jaipur,  
Rajasthan

On Tuesday, October 22, 2024, Shri Ravi Dadhich, CEO, PMBI, held an engaging session with Janaushadhi Kendra owners and stakeholders in Jaipur, Rajasthan. This interactive session offered valuable insights into Kendra operations and gathered feedback to support and improve the Janaushadhi network across the state. Shri Dadhich highlighted the critical role of Janaushadhi in making quality generic medicines affordable and accessible, resulting in nationwide savings of Rs. 30,000 crores to date. The session highlighted the importance of collaboration in further strengthening this impactful initiative across Rajasthan.



# HIGHLIGHTS

2<sup>nd</sup> - 31<sup>st</sup> October 2024

*Celebration of*

## Swachhata Special Campaign 4.0



All over India

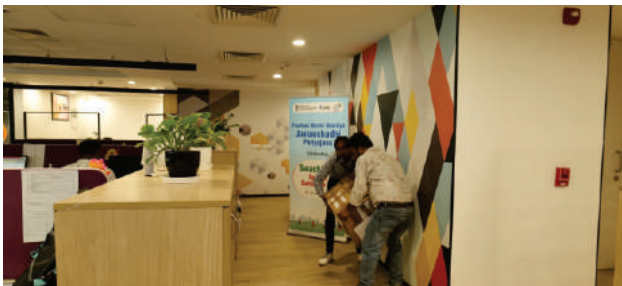
Continuing the commitment to sanitation and cleanliness as essential pillars of a healthy life, Pharmaceuticals and Medical Devices Bureau of India, (PMBI) dedicated the month of October 2024 to the "Swachhata Special Campaign 4.0". The Special Cleanliness Drive creating cleaner and healthier spaces for everyone in and around the Janaushadhi Kendras was carried out by Janaushadhi Kendra Owners and other stakeholders all over India on 07.10.2024. Further, a Special Cleanliness Drive was also actively conducted in the PMBI Head Office Delhi, implementing hygiene protocols in the office and surrounding areas by 09.10.2024 successfully fulfilling the dedication and commitment to cleanliness and sanitation.



Before



After



Before



After



Before



After



# HIGHLIGHTS



10<sup>th</sup> October 2024

*Workshop on importance of*

## World Mental Health Day 2024



New Delhi

by **Dr. Sudhir Kumar Bagga (MD)**

PMBI marked World Mental Health Day 2024, focusing on 'Mental Health at the Workplace,' with the esteemed presence of Shri Ravi Dadhich, CEO of PMBI. The event conducted a sessions on mental health led by the distinguished Dr. Sudhir Kumar Bagga, MD, ABoIM, MBA, and founder of Science of life & Dr. Brij Mohan Dhawan held at the PMBI Head Office in New Delhi. This session highlighted the significance of prioritizing mental well-being in professional settings, highlighting that fostering supportive environments not only enhances individual health but also boosts overall productivity and employee engagement, ultimately cultivating a more motivated and effective workforce.



# HIGHLIGHTS



30<sup>th</sup> October 2024



Head Office, New Delhi



## *Celebrating Festival of Light* **Diwali 2024**

The employees of PMBI celebrated Diwali at the office with a blend of creativity and excitement, bringing the festive spirit alive through a series of engaging activities. The office was decorated with vibrant flowers, colorful rangoli designs, and festive lights, creating a warm and welcoming atmosphere. Highlights of the celebration were a creative competition such as “Unity in Diversity” through ethnic traditional attire, recitation of poems and sing a song competition. The activities showcased their artistic talents in designing unique Diwali-themed displays. The entire celebration not only embraced the cultural essence of Diwali but also strengthened team bonds.





# IN THE NEWS

**THE COMMUNE** | October 25, 2024

## Do Not Ignore Your Health, Work With Compassion: President Murmu To Doctors



President Droupadi Murmu on Friday urged doctors to not ignore their health and to work with compassion and sensitivity. She said this while addressing the second convocation of All India Institute of Medical Sciences (AIIMS) Raipur today.

"On many occasions, you will be working in a stressful environment. Take care of your health and don't ignore it. To increase trust and betterment of patients, it is important for you to be healthy and look healthy," Murmu said. She noted that the government is enhancing access to health care for all citizens of the country. "In the last decade, several steps have been taken to provide Universal Health coverage. Affordable and quality medicines are available to the people through Pradhan Mantri Bhartiya Janaushadhi Pariyojana (PMBJP).

**ANI** | October 27, 2024

## PM Modi to inaugurate Jan Aushadhi Kendra at AIIMS New Delhi on October 29



**New Delhi [India], October 27 (ANI):** Prime Minister Narendra Modi to inaugurate a new Jan Aushadhi Kendra at the All-India Institute of Medical Sciences (AIIMS), New Delhi on October 29.

PM Modi will inaugurate this Kendra in the presence of Jagat Prakash Nadda, Union Minister of Chemicals and Fertilizers and Health and Family Welfare.

The main objective of this Kendra will be to provide affordable and quality medicines to the patients visiting AIIMS for the treatment of various ailments.

The new Kendra, spanning an area of 1,724 square feet, aims to provide over 2,047 quality generic medicines and 300 surgical devices at prices significantly lower than their branded counterparts, the press release stated.

**Outlook** | October 10, 2024



## Milestone Achieved In Jan Aushadhi Kendras Sales – ₹200 Crores in September 2024

Under the Pradhan Mantri Bhartiya Janaushadhi Pariyojana (PMBJP), as of September 30, 2024, a total of 13,822 Jan Aushadhi Kendras have been established across the country. Notably, in September 2024, these Kendras achieved record sales of ₹200 Crores, marking the highest monthly sales in the history of the PMBJP.

For comparison, in September 2023, sales were ₹141 Crores, highlighting a significant 42% year-on-year growth. This remarkable increase reflects the program's success in providing affordable and accessible healthcare solutions to the masses. Up to September 2024, there has been a 31.20% total annual growth, with the sales

target of ₹913.30 Crores already achieved. Almost 10 lakh people purchase medicines daily from Jan Aushadhi Kendras. In the last 10 years under PMBJP, the sale of medicines worth ₹6100 Crores through Kendras has led to estimated savings of ₹30,000 Crores for citizens compared to branded medicines.



# IN THE NEWS

NEWS 18  
हिंदी

November 05, 2024

## '11 Crore Sanitary Pads Sold in 6.5 Months': Jan Aushadhi Now Biggest Pharmacy Chain in India, Says CEO



Sanitary pads, blood pressure pill telmisartan, anti-diabetes pill metformin and acid reflux medicine pantoprazole are the top-selling medicines at the government's affordable medicine stores under Pradhan Mantri Bhartiya Jan Aushadhi Pariyojana (PMBJP), the top government official told News18.

The scheme sold 1.12 crore packets of sanitary pads of its own brand Suvidha in the last 6.5 months of the ongoing fiscal year. These are sold in packs of ten units, hence it sold 11.27 crore pads, so far – averaging at 1.73 crore sanitary pads every month. To provide affordable options to women in remote and rural areas, the scheme provides the packet of 10 pads at Rs 10, much lesser than the other branded options.

जयपुर टाइम्स

October 24, 2024

## जन औषधि केंद्र को मिला 'फ्रेंड्स ऑफ फोर्टिस' सम्मान

सवाईमाधोपुर, 24 अक्टूबर। फोर्टिस एस्कोर्ट्स हॉस्पिटल, जयपुर द्वारा आयोजित एक सम्मान समारोह में देश के सबसे बड़े जन औषधि केंद्र को 'फ्रेंड्स ऑफ फोर्टिस' सम्मान से नवाजा गया। यह सम्मान समारोह रणथंभोर के छारोदा स्थित होटल क्लार्क सफारी में बुधवार रात आयोजित किया गया। इस अवसर पर फोर्टिस एस्कोर्ट्स हॉस्पिटल जयपुर के कैंसर सर्जन डॉ. मनीष कौशिक, क्रिटिकल केयर यूनिट प्रमुख डॉ. विनोद कुमार शर्मा और मार्केटिंग सेल्स प्रमुख मंजीत ग्रोवर ने जन औषधि केंद्र के संचालक चंदू शर्मा को सम्मान पत्र प्रदान किया।

फोर्टिस एस्कोर्ट्स हॉस्पिटल ने अपनी स्थापना के 17 वर्ष पूरे होने पर यह सम्मान समारोह आयोजित किया था। इस मौके पर चंदू शर्मा ने फोर्टिस अस्पताल के उत्कृष्ट सेवाओं के लिए आभार व्यक्त करते हुए फोर्टिस परिवार को बधाई दी।

प्रभात खबर

October 21, 2024

## Health: पिछले 10 साल में जन औषधि केंद्र की संख्या में हुआ 170 गुणा का इजाफा



Health: आम लोगों को सस्ती और गुणवत्तापूर्ण दवा मुहैया कराने के लिए केंद्र सरकार ने प्रधानमंत्री भारतीय जन औषधि केंद्र खोला है. इस केंद्र पर कई तरह की दवा सस्ती कीमत पर उपलब्ध होती है. इस केंद्र ने एक नयी उपलब्धि दर्ज की है। इस साल अक्टूबर तक एक हजार करोड़ रुपये का कारोबार किया है। पिछले साल यह आंकड़ा दिसंबर में हासिल हो पाया था. मौजूदा समय में देश में 14 हजार जन औषधि केंद्र हैं. मंत्रालय का मानना है कि आम लोगों के बढ़ते भरोसे और गुणवत्ता पूर्ण दवा की उपलब्धता के कारण कारोबार लगातार बढ़ रहा है।

इस केंद्र पर सस्ती और गुणवत्ता पूर्ण दवा की उपलब्धता के कारण लोगों का स्वास्थ्य सेवा पर होने वाला खर्च कम हो रहा है। इस साल सितंबर महीने में ही जन औषधि केंद्र पर 200 करोड़ रुपये के दवा की बिक्री का रिकॉर्ड दर्ज किया गया। पिछले 10 साल में जन औषधि केंद्र की संख्या में 170 गुणा की वृद्धि दर्ज की गयी है. वर्ष 2014 में ऐसे केंद्र की संख्या सिर्फ 80 थी, जो अब बढ़कर 14 हजार हो गयी है।

SOCIAL NEWS XYZ

October 21, 2024

## Demand for Jan Aushadhi Kendras increases as people get good quality medicines at cheaper rates



New Delhi, Oct 26 (SocialNews.XYZ) The demand for opening more Pradhan Mantri Jan Aushadhi Kendras across the country is increasing as more

and more people avail of the cheap generic drugs available at the centres which are as effective as the expensive, branded drugs in the market.

There is an increasing demand for the centres as the Jan Aushadhi Kendras help reduce the Out Of Pocket medical expenses of the common man and saves them from paying exorbitant prices for branded medicines.

Rajesh Aggarwal, the owner of a Jan Aushadhi Kendra located at Deoli Road in New Delhi, told IANS that the generic medicines sold at his medical store are 90 per cent cheaper than the branded drugs.





# SOCIAL MEDIA HIGHLIGHTS

(PMBJP Retweeted)

**Post**

**Narendra Modi** @narendramodi

Tomorrow, on Ayurveda Day at around 12:30 PM, important schemes relating to the healthcare sector would either be launched or their foundation stones will be laid. In a historic moment, Ayushman Bharat will be expanded by launching the scheme to provide healthcare to all those above the age of 70.

I call upon all those passionate about health, fitness and wellness to join tomorrow's programme. [pib.gov.in/PressReleaseDet...](https://pib.gov.in/PressReleaseDet...)

9:18 PM · Oct 28, 2024 · 1.7M Views

855 4.5K 23K 199

**Post**

**Jagat Prakash Nadde** @JPNadde

Met and interacted with the Health Minister of Nepal, Pradip Paudel, in New Delhi today.

We had a meaningful discussion on enhancing health cooperation, including the recognition of medical degrees, support through India's Digital Health platforms, and the PMBJP Jan Aushadhi Kendras and PMJAY scheme. These collaborative efforts aim to improve access to quality healthcare for all citizens.

I expressed my deep concern regarding the recent flood situation in Nepal and assured them of all possible assistance during this challenging time. India stands in solidarity with the people of Nepal in this difficult hour.

7:00 PM · Oct 7, 2024 · 15.5K Views

37 325 694

**Post**

**MyGov Hindi** @MyGovHindi

जन औषधि: जहाँ जरूरत, वहीं उपलब्ध

2014 में केवल 80 स्टोर से बढ़कर 2024 में 14,080 स्टोर तक, जन औषधि हर किसी के लिए, हर जगह गुणवत्ता वाली स्वास्थ्य सेवा सुनिश्चित कर रहा है।

#HealthcareForAll  
#JanAushadhi  
Translate post

**देश के कोने-कोने तक जन औषधि की पहुंच**  
जन औषधि केंद्रों की संख्या

14080

17500% की वृद्धि

80 2014 2024

12:18 PM · Oct 26, 2024 · 431 Views

1 5 7

**Post**

**First India News** @1stIndiaNews

#Jaipur: देशभर में रोजाना एक लाख लोगों को सेवा दे रहे जन औषधि केंद्र

जयपुर आए पीएमबीजेपी के सीईओ रवि कुमार दाधीच का दावा, मीडिया से बातचीत में दाधीच ने जनऔषधि केन्द्रों को लेकर...

#RajasthanWithFirstIndia @RajGovOfficial  
Translate post

**BREAKING NEWS** इंडिया NEWS  
Date: 21/10/2024

Jaipur: देशभर में रोजाना एक लाख लोगों को सेवा दे रहे जन औषधि केंद्र

जयपुर आए पीएमबीजेपी के सीईओ रवि कुमार दाधीच का दावा, मीडिया से बातचीत में दाधीच ने जनऔषधि केन्द्रों को लेकर टी जानकारी, उन्होंने बताया- 'PMBJP के उत्पाद समूह में 2047 दवाएं-300 सर्जिकल उपकरण शामिल, केन्द्रों से रोजाना एक लाख से अधिक लोगों को कांठिबोवैस्कूलर, कैसर रोधी, मधुमेह रोधी, संक्रमण रोधी, एनर्जी रोधी, गैस्ट्रो-आंतों की दवाओं समेत सभी तरह की औषधियां मिल रही है, हमारी कोशिश है कि इन दवाओं की सूची का दायरा भी बढ़ाया जाए ताकि लोगों को राहत मिले

10:39 PM · Oct 22, 2024 · 1,685 Views

1 4

## PMBJK inauguration Insights



**Dr. Raj Bhushan Choudhary**  
Hon'ble Minister of State for Jal Shakti,  
Gol inaugurated PMBJK

📍 **Maniyari, Muzaffarpur (Bihar)**



**Shri Pralhad Venkatesh Joshi**

Hon'ble Union Minister of Consumer Affairs,  
Food and Public Distribution & New and  
Renewable Energy, Gol inaugurated PMBJK

📍 **Hubli (Karnataka)**



**Shri Mangal Pandey**

Hon'ble Health and Agriculture Minister,  
Govt. of Bihar inaugurated PMBJK

📍 **Darauli Main Bazar, Siwan (Bihar)**



**Dr. Manna Lal Rawat**

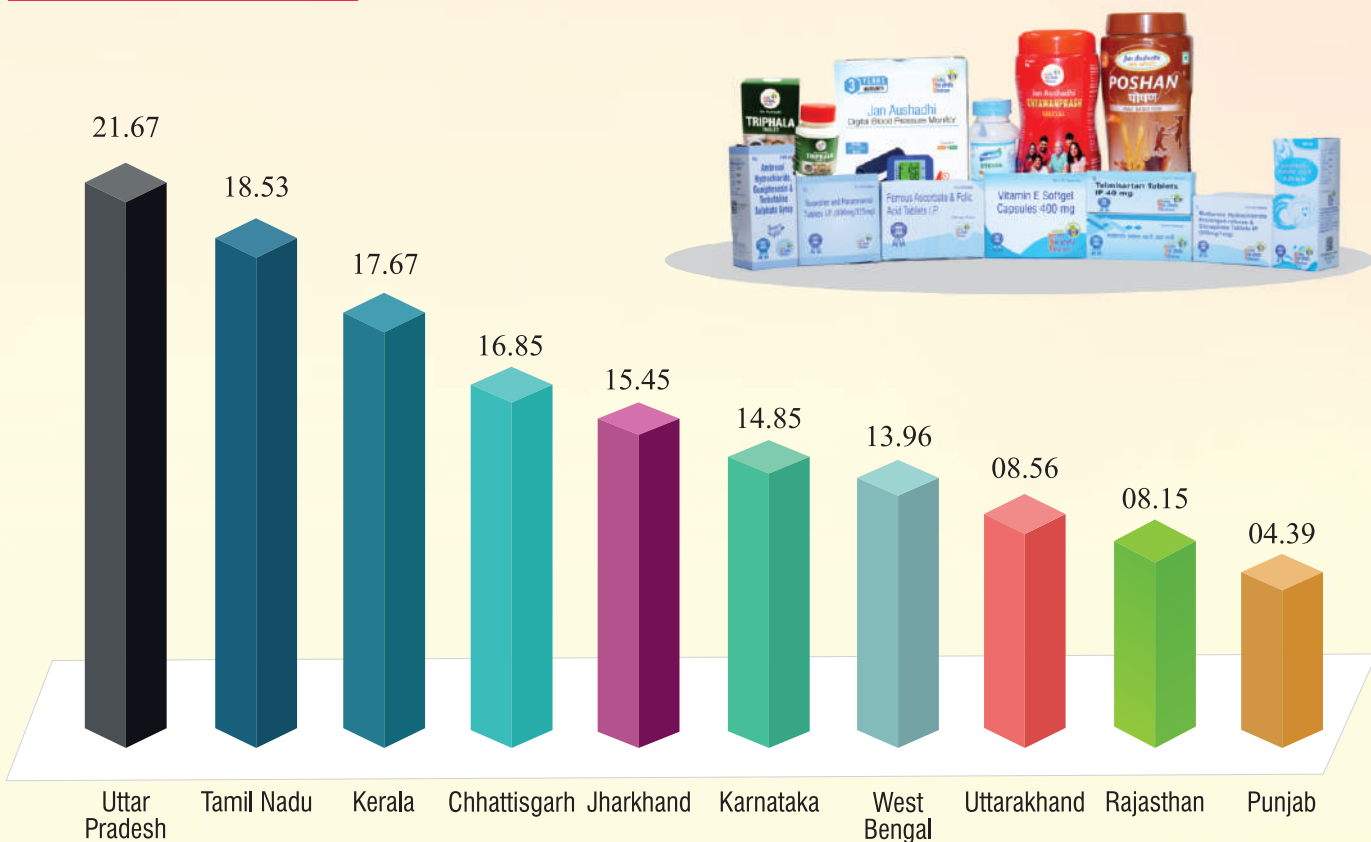
Hon'ble Member of Parliament, Udaipur,  
Rajasthan Gol inaugurated PMBJK

📍 **Chawand, Salumbar  
(Rajasthan)**



## Best Performing States in Terms of Sales in Crores

### October 2024



## Welcoming new Partners who joined PMBI family in the month of October 2024

PMBJK15898 - Gangireddy Ramanji Reddy - Prakasam, Andhra Pradesh- 523226

PMBJK15811 - Nibha Das - Cachar, Assam - 788003

PMBJK15782 - Priyanka Kumari - Patna, Bihar- 800009

PMBJK15877 - Lateef Khan - Bilaspur, Chhattisgarh- 495116

PMBJK15949 - Anuradha Kumari - Central, Delhi- 110060

PMBJK15852 - Anitaben Prakeshbhai Ahuja - Bhavnagar, Gujarat- 364001

PMBJK16025 - Manjeet Kaur - Kurukshetra, Haryana- 136156

PMBJK15984 - Dinesh Kumar Verma - Bilaspur, Himachal Pradesh- 174001

PMBJK15914 - Kanan Sharma - Jammu, Jammu And Kashmir- 180001

PMBJK15813 - Ranjit Kumar Jaiswal - Bokaro, Jharkhand- 829121

PMBJK15870 - Deepa K - Bengaluru Urban, Karnataka- 560067

PMBJK15799 - Jacob J - Kollam, Kerala- 689696

PMBJK15828 - Yogendra Madoday - East Nimar, Madhya Pradesh- 450112

PMBJK15770 - Seema Devi - Palghar, Maharashtra- 401203

PMBJK15767 - Trupti Rekha Kar - Cuttack, Odisha- 754028

PMBJK16005 - Kulavilakku P - Karaikal, Puducherry- 609602

PMBJK16007 - Pankaj Singh - Sangrur, Punjab- 148024

PMBJK15797 - Mahesh Kumar - Didwana Kuchaman, Rajasthan- 341509

PMBJK15730 - Divyasree A - Chennai, Tamil Nadu- 600040

PMBJK15758 - Suvarna Patil - Nizamabad, Telangana- 503001

The  
*Creative Corner*

by PMBI Employees

Rangoli Making Competition



Satyajit Ray &  
Akash Banerjee  
**Department: HR & Legal**



Prashant Thakur, Aishwarya,  
Sirisha, Narender, Antriksh,  
Mehak Jain, Neha Gupta  
**Department: Procurement**



Vakta, Layba, Rupesh,  
Rajesh, Rajkiran  
**Department: Logistics**





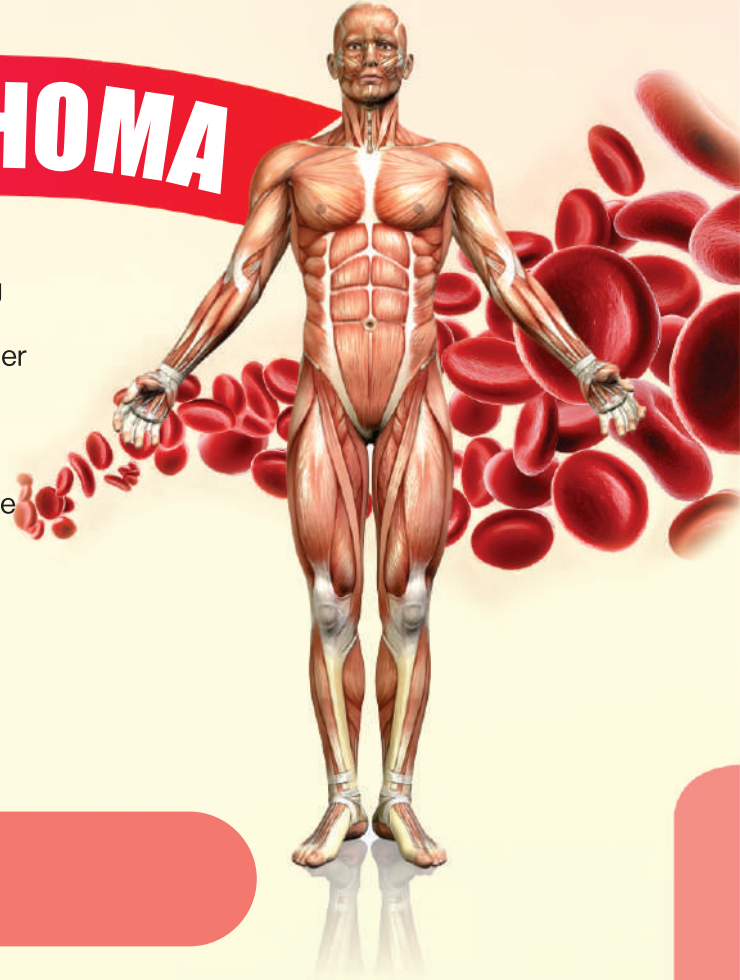


# Jan Aushadhi GYAN GHARONDA

## LYMPHOMA

Lymphoma is a type of cancer that begins in infection-fighting cells of the immune system, called lymphocytes. These cells are in the lymph nodes, spleen, thymus, bone marrow, and other parts of the body. When you have lymphoma, lymphocytes change and grow out of control.

Lymphoma is very treatable, and the outlook can vary depending on the type and stage of the illness. Understand the basics of lymphoma, the differences between Hodgkin and non-Hodgkin lymphoma, and why some people may be more susceptible to this type of cancer.



### Types of Lymphoma

**Non-Hodgkin** — most people with lymphoma have this type.

There are two main types of lymphoma:

**Hodgkin**

### Lymphoma Causes

Lymphoma starts with DNA changes in lymphocytes, disrupting normal cell growth and death. These alterations cause the lymphocytes to grow uncontrollably and live longer, leading to an excess of abnormal cells in the lymph nodes, spleen, and liver, which then enlarge.

### Lymphoma Risk Factors

#### AGE:

60+ for non-Hodgkin lymphoma; 15-40 or 55+ for Hodgkin lymphoma.

#### GENDER:

Male or assigned male at birth (some subtypes are more common in females).

#### WEAK IMMUNE SYSTEM:

Due to HIV/AIDS, organ transplant, or congenital immune disease.

#### AUTOIMMUNE DISEASES:

Conditions like rheumatoid arthritis, Sjögren's syndrome, lupus, or celiac disease.

#### VIRAL INFECTIONS:

Exposure to viruses like Epstein-Barr, hepatitis C, or HTLV-1.

#### FAMILY HISTORY:

Close relative with lymphoma.

#### CHEMICAL EXPOSURE:

Contact with benzene or pesticides.

#### PREVIOUS LYMPHOMA TREATMENT:

History of Hodgkin or non-Hodgkin lymphoma.

## Lymphoma Symptoms:



### Systemic symptoms:



These symptoms can also indicate other illnesses. Consult a doctor for an accurate diagnosis.

**Early warning sign:** Painless swelling of lymph nodes in neck, groin, or underarm.

## Lymphoma Diagnosis

To diagnose lymphoma, doctors begin with a physical exam to check for swollen lymph nodes and review family history and symptoms. If needed, a lymph node biopsy is done to detect cancer cells. Additional tests, like a bone marrow biopsy, chest X-ray, MRI, PET scan, and molecular tests, help diagnose, stage, and identify lymphoma type by examining tissues, imaging the chest, or detecting specific genetic changes in cancer cells.

Source: <https://www.webmd.com/cancer/lymphoma/lymphoma-cancer>



Fill in the puzzle below based on what you have read about **Lymphoma** on the page.

### QUESTIONS

- 1 What is Lymphoma?
- 2 What type of cells does lymphoma begin in?  
☐ A. Red blood cells ☐ B. Lymphocytes  
☐ C. Platelets ☐ D. Nerve cells
- 3 A \_\_\_\_\_ biopsy is performed to detect cancer cells in lymph nodes.
- 4 True or False:  
Symptoms of lymphoma can include night sweats and fatigue. ☐
- 5 Identify three symptoms associated with lymphoma.  
1. .... 2. .... 3. ....



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