

**GOVERNMENT OF INDIA
MINISTRY OF AYUSH**

**LOK SABHA
STARRED QUESTION NO. *52
TO BE ANSWERED ON 09.12.2022**

RESEARCH ON NEW AYURVEDIC MEDICINES

***52. SHRI BHOLANATH (B.P. SAROJ)**

Will the Minister of Ayush be pleased to state:

- (a) whether the Government has initiated adequate measures for conduct of research on the development of new Ayurvedic Medicines and Clinical Trials through Government controlled laboratories for critical ailments;
- (b) if so, the details thereof including the diseases for which effective medicines have been developed during the last three years;
- (c) whether clinical trials have confirmed the effectiveness of these medicines before their introduction in the market; and
- (d) if so, the detail thereof including the steps taken by the Government?

ANSWER

**THE MINISTER OF AYUSH
(SHRI SARBANANDA SONOWAL)**

(a) to (d): A statement is laid on the Table of the House.

**STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION
NO. 52 FOR 9TH DECEMBER, 2022**

(a) Yes, Sir.

(b) The Central Council for Research in Ayurvedic Sciences (CCRAS), an Autonomous Body under Ministry of Ayush has developed various Ayurvedic drugs through Drug Development process. Drug development is a continuous process and takes around 5-7 years through various stages like standardization of ingredients / formulations, safety/ toxicity studies followed by clinical studies, compilation of data and commercialization of the newly developed drug. In the past three years, CCRAS is in process of developing various Ayurvedic formulations for diseases like: Dengue, Migraine, improving quality of life in Cancer patients, Mental Retardation in Children, Geriatric Health, Conjunctivitis, Cancer, Diabetes, Asthma, Filariasis, Occupational Stress, ATT induced Hepatotoxicity, Non-alcoholic fatty liver diseases, Antenatal Care (Anemia), Antenatal Care (Oedema), Malaria / Mild to Moderate COVID – 19. The details of some important drugs developed by CCRAS and drugs under development by CCRAS are given at **Annexure –I & II.**

(c)&(d) Yes, Sir. The CCRAS is conducting Clinical trials for validation of Classical Ayurvedic formulations and also for new Ayurvedic drug development adopting prevalent guidelines such as Good Collection, Processing and Storage Practices for collection of medicinal plants (raw drugs), Good Manufacturing Practices (GMP), Standard Operating Procedures for Formulation of quality drugs, Carrying out pre-clinical studies as per Organisation for Economic Cooperation & Development (OECD) for raw drugs, Registration of clinical trials in Clinical Trial Registry of India (CTRI) of ICMR, Good Clinical Practices Guidelines for ASU drugs (GCP-ASU), Ministry of AYUSH and Ethical guidelines for Bio-Medical Research (ICMR) and WHO guidelines for traditional medicines etc. as per requirement and introduced in the market after ascertaining the effectiveness and safety.

List of some important drugs developed by CCRAS since inception

S. No.	Name of the Drug	Indication
1.	AYUSH -64	Malaria / mild to moderate Covid-19
2.	AYUSH-56	Epilepsy
3.	AYUSH-82	Diabetes Mellitus
4.	NIMBATIKTAM	Psoriasis and Duodenal ulcer
5.	AYUSH POSHAK YOGA AND PEYA	Immunomodulatory, Antistress and General Health Promotion
6.	SHUNTHI GUGGULU	Rheumatoid Arthritis (Amavata)
7.	KSHARASUTRA	Ano Rectal Disorders
8.	AYUSH BALARASAYANA	Promotion of Health in Children
9.	AYUSH GHUTTI	Prevention of Diarrhoea and Fever in Children
10.	AYURVEDIC FORMULATIONS	Antenatal Care

Annexure-II**Drugs under development by CCRAS during last three years**

Name of the Drugs under Drug Standardization	Name of the drugs under pre clinical safety toxicity study	Name of the drugs under clinical study	Name of the drug with completed Clinical study
1. Ayush–Manas AYUSH–AG AYUSH – PG	1. Ayush-HR,	1. Ayush – M3 – Migraine and Hypertension	1. Ayush – PJ-7 - Dengue
2. AYUSH – 56	2. Ayush-SDM tablet,	2. Ayush – A – Asthma	2. Ayush – QOL-2C – Quality of life in Cancer patients
3. AYUSH-HR	3. AYUSH-PK Avaleha,	3. Ayush – SR – Occupational Stress	3. Ayush – Rasayan A&B – Geriatric Health
4. AYUSH-64	4. AYUSH-SC-3	4. Ayush – PTK – ATT induced Hepatotoxicity	4. Ayush – PE Eye Drops – Conjunctivitis
5. AYUSH-SG	5. AYUSH-SS granules ,	5. Ayush – GMH – Non alcoholic fatty liver diseases	5. Ayush – Carctol – Cancer(completed phase 1)
6. AYUSH Ghutti	6. AYUSH-LND ,	6. Ayush – HR – Pre Hypertension	6. Ayush – D – Pre Diabetes and Diabetes
7. AYUSH KVM Syrup	7. AYUSH-64	7. Ayush – AGT – Wound healing	7. Ayush – SL – Filariasis
8. AYUSH – M3	8. AYUSH SG-5	8. C-1 oil for Wound healing	8. Ayush – 64 (Repurposing) – Malaria / Mild to Moderate Covid – 19
9. AYUSH–SS Granules	9. AYUSH-V13		9. Ayush – AGT – Dandruff
10. AYUSH-SC3	10. AYUSH V-24		
11. AYUSH-SR	11. Padmakanta Yoga,		
12. AYUSH-PTK	12. AYUSH-PTK & AYUSH-GMH		
13. AYUSH-GMH	13. Carctol-S		
14. AYUSH-PVK Gel	14. CARAF & CAGHE		
15. AYUSH– NT Capsule	15. Ayush Manas		
16. AYUSH – LK Gel			
17. AYUSH - SL			
18. AYUSH-D			
19. AYUSH-Carctols			
20. AYUSH-CCT			
21. AYUSH-82			
22. AYUSH-AGT			

