

# Novel medicine 'Raj Nirwan Bati' granted License by Uttarakhand Government

**Youth India News Lucknow.** World's first 'Allovedic' medicine Raj Nirwan Bati (RNB), whose safety and efficacy in the treatment of mild to severe symptomatic Covid-19 patients was successfully demonstrated in the recently culminated landmark Randomized Controlled Trial conducted at UPUMS, has been granted drug manufacturing and sales license by Government of Uttarakhand on 28th August 2020.

This was conveyed by Dr. Prof. Raj Kumar, Vice Chancellor, Uttar Pradesh University of Medical Sciences, Saifai, Uttar Pradesh, India, during a press conference today. This (License No. UK.AY.L-447/2020) has been granted by competent authority as per the Drugs and Cosmetics Act 1940, Rule-154A, Form-25E. This novel ayurvedic formulation has received a go ahead as an effective immunity enhancing and anti-inflammatory medicine for patients with throat and respiratory inflammatory symptoms like catarrh, fever etc. The details of the drug, dosage and procurement information as well as the studies performed are available on the University website. "Dr. Prof. Raj Kumar conveyed that a Pilot study cum Single-Arm Clinical Trial was conceptualized and successfully conducted in the month of June/ July at dedicated COVID Hospital, UPUMS Saifai. Six research articles incorporating the findings and results of this single arm clinical trial, demonstrating the safety and efficacy of RNB in mild to severe symptomatic Covid-19 patients have been published in reputed national and international journals and have also been described in detail in the

book **COVIDOLOGY-SCIENCES, INFRA-STRUCTURE & MANAGEMENT** published recently by UPUMS. "Buoyed up by the encouraging results of this successful single arm clinical trial, a Double-Blind Randomized Controlled Trial was subsequently conducted in mild to severe symptomatic Covid-19 patients being treated at dedicated COVID Hospital at UPUMS, Saifai during the month of June/ July. This trial was designed diligently as per contemporary allopathic medicinal research practices and guidelines. In this RCT, 60 Covid-19 patients above 18 years with mild, moderate and severe symptoms were registered. Critically ill cases were not included in the study since RNB is available only in tablet form presently and not in an injectable form. These 60 patients were distributed among two study groups. 30 patients in the 'RNB Intervention group' received RNB medication whereas 30 patients in the 'Placebo Control group' did not receive RNB. All the patients in both the study groups received concomitant treatment with Hydroxychloroquine, Antibiotics, Anticoagulants, Steroids and Vitamins etc. as per standard established treatment protocols. Patients in the RNB interventional group showed comprehensive improvement in their health status. "Statistically significant findings of this RCT (with globally acceptable power of study) are as under:- In the RNB intervention group, 97% of patients on Day



6 and all the patients on Day 12, became RT-PCR negative.

Whereas in the Placebo group, 73% of patients on Day 6 and 90% of patients on Day 12, became RT-PCR negative. Symptomatic improvement in the patients was assessed on the basis of mean days taken for relief of eight symptoms namely fever, cough, sore throat, breathlessness, chest tightness, fatigue, myalgia and taste sensation. The patients in RNB intervention group got relief in all the above symptoms in less than 6 days (mean 5.9 days) as compared to patients in Placebo group (mean 7.1 days) and this was statistically significant. Constant improvement in the Chest X-ray findings was observed in 89% of patients during the course of treatment in the RNB group. Whereas only 57.0% of the patients in Placebo group showed improvement. The mean platelet count of the patients in RNB intervention group increased significantly as compared to the Placebo control group in the study period. The rate of increase in platelet count from the initial value was 43% on Day 6 and 80% on Day 12 in the RNB interventional group compared to an in-

crease of 28% on Day 6 and 75% on Day 12 in the placebo control group. "Mean values of various hematological or biochemical parameters namely Hemoglobin, Polymorphs, Lymphocytes, Urea, Creatinine, Bilirubin, many Liver enzymes, International normalized Ratio (INR), Serum Protein levels etc. either remained within normal limits or changed non-significantly. This indicates that RNB does not have any adverse effect on liver, kidney, blood etc and has an excellent drug safety profile. "The findings and results of this successful landmark RCT as well as the Pilot study cum Single-Arm Clinical Trial, demonstrating the safety and efficacy of RNB in mild, moderate and severe symptomatic Covid-19 patients, have been sent to Indian Council of Medical Research (ICMR) and Central Council for Research in Ayurvedic Sciences (CCRAS, Ministry of AYUSH), to strengthen our fight against this global pandemic. The results have been compiled and forwarded for publication to

internationally acclaimed scientific journal 'The Lancet'. RNB can prove instrumental in containing the spread of this virus, treating Covid-19 patients and saving millions of lives. "A new Randomized Controlled Trial is underway to study the safety and efficacy of RNB in critically ill Covid-19 patients.

Due registration for all these studies have been done at the apex body for the purpose- Clinical Trial Registry of India (CTRI) and approval has also been taken from the University's empowered corona committee, scientific and ethical committees. "It is still an ongoing race against time to find a cure for this deadly virus. The scientific temperaments at UPUMS Saifai, under the vigilant leadership of the Vice Chancellor Dr. Raj Kumar, were ignited well in advance even before corona could knock at our doors. More than 25 research publications have been published during this period contributing significantly to the global scientific community.

In depth analysis of the mortalities around the world illustrated the tissues and organ systems targeted ruthlessly by Coronavirus. A meticulously dedicated approach unearthed those components of our ancient medicinal system which have a proven scientific track record of strengthening and fortifying these susceptible organ systems. This paved the way for this novel herbo mineral formulation.

RNB has been tested on all scientific principles of modern medicine (along with the scientific proof of each constituent), that is why it has been termed as world's first 'Allovedic' preparation, despite the fact that it contains eleven established constituents of Ayurveda. The competent licensing authorities have duly accepted the efficacy of each constituent of RNB as described by us. This novel medicine is a unique combination cum formulation, effective in treating Covid-19 patients as per the results of all these diligently conducted scientific studies.

## World first Allovedic medicine RNB against Covid 19 is recognized by uttarakhand government India

**Youth India News, Lucknow.** This medicine, RNB contains all ingredients of Ayurveda with their optimal doses, however it has been studied by all principles of modern medicine including the effect of each ingredient on body tissues/systems, the scientific publications have also been done in modern medical scientific journals. While the drug has been given license by Ayurveda system because of its constituents. As there is no

existence of any such pathology like, 'Allovedic' till date, it is we who coined this new term based on all logics & facts, hence it has been mentioned as Allovedic medicine in our book of 'kovidology'. It has been tested in mild, moderate & severe cases of corona diligently, while study on critical cases is still going on in our university following a registration in ICMR/CTR as has been done during pilot study & RCT. It can be used effectively in

non critical cases of corona very safely. We shall declare our results in critical cases too in days to come.

RNB was conceived, prepared, studied & published for corona but it had been licensed as immunity enhancer, respiratory system protector, anti-inflammatory, anti germ, healer & blood purifier etc, though we proved its effect to treat kovid as per our advanced evidence based scientific trials.