

INDIAN GUIDELINES ON NEBULIZATION THERAPY
an educational initiative of
NATIONAL COLLEGE OF CHEST PHYSICIANS (INDIA)



Dr. Rajesh Solanki
President, NCCP(I) [2018-19]



Dr. S. N. Gaur
Secretary, NCCP(I)



Dr. S. K. Katiyar
Chairman and Convenor



Dr. Nikhil Sarangdhar
Coordinator

Dear Colleagues,

You will be happy to know that we are soon going to publish ' *Indian Guidelines on Nebulization Therapy* ' under the aegis of the National College of Chest Physicians (India). These guidelines are the first of their kind in our country and their compilation a pioneering achievement by our College in the field of Medical Education.

To formulate, compile and publish the Indian Guidelines on Nebulization Therapy under the aegis of the National College of Chest Physicians (India) was the brainchild of Prof. Dr. S. K. Katiyar. The Meeting of Experts for the Indian Guidelines on Nebulization Therapy was convened at Delhi on 3rd and 4th November 2018. A total of 67 Experts in Pulmonary Medicine across India, including members from states like Jammu & Kashmir and Assam were invited to ensure unique pan-Indian representation of ideas, expertise and opinion. Dr. S. K. Katiyar planned and convened the meeting, which was chaired by Dr. Rajesh Solanki [President, NCCP(I), in chair] and Dr. S. N. Gaur [Secretary, NCCP(I), in chair] and coordinated by Dr. Nikhil Sarangdhar.

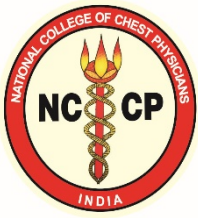
The expert members were allocated into five groups consisting of a Group Convenor, Chairpersons, Advisor and Expert Members to cover different aspects of Nebulization therapy as follows :

1. Group A - Introduction, basic principles and technical aspects of nebulizers, types of equipment, their choice and maintenance.
 2. Group B - Nebulization therapy in obstructive airway diseases
 3. Group C - Nebulization therapy in the intensive care unit
 4. Group D - Use of various drugs (other than bronchodilators and inhaled corticosteroids) by nebulized route and miscellaneous uses of nebulization therapy
 5. Group E - Domiciliary nebulization therapy, public and healthcare workers education and future research
- Five groups were constituted originally, but looking at the present global crisis created due to the pandemic of COVID-19 and consequently the apprehensions and concerns raised by spread of infection through nebulization it was thought to include a sixth group in the expert panel to provide guidance to caregivers while nebulizing patients, as follows :
6. Group F - Nebulization Therapy during COVID-19 pandemic and in patients of other contagious viral respiratory infections

Each group discussed the review of scientific evidence by members with intra-group discussions. Evidence and recommendations were presented by individual groups in the final meeting, for deliberations on the recommendations and arrival of consensus. After the meeting concluded, the guidelines were compiled subsequently groupwise and sent to the Convenor for editing . The edited and refined versions of each group draft was circulated to group members for their final comments prior to publication.

The final document of the Indian Guidelines on Nebulization Therapy under the aegis of NCCP(I) consists of six group drafts compiled after systematic review of evidence in order to cover each and every aspect of Nebulization therapy. The guideline document is meticulously compiled and edited with text, level of evidence and grade of recommendation, abbreviations and references.

It gives us immense pleasure to announce to this effect that the compilation of the Indian Guidelines on Nebulization Therapy under the aegis of NCCP(I) is complete and its publication is under progress. We are sure it will be immensely useful as a source of academic knowledge as well as a reference guide for practitioners, teachers, post-graduate medical students, researchers and healthcare workers in the field of Respiratory Medicine, Internal Medicine and other allied sciences which everyone would like to keep ready on their desk.



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Chairman and Convenor : Dr. S. K. Katiyar

Secretary : Dr. S. N. Gaur
Coordinator : Dr. Nikhil Sarangdhar

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