

Occupational Health Alert

July 2020

This issue contains information regarding

**Articles published in Indian Journal of Medical Research on
COVID-19 from Jan 2020 to June 2020**

&

**Articles published in India on COVID-19 in various journals
from Jan 2020 to June 2020**

Library & Information Officer

NIOH

OCCUPATIONAL HEALTH ALERT

Articles on COVID-19 from Indian Journal of Medical Research

February & March 2020 Volume 151 Issue 2 & 3 Page Nos. 111-260	
1.	Time to revisit national response to pandemics: Rajesh Bhatia, Priya Abraham p 111
2.	Tracking the impact of interventions against COVID-19 in absence of extensive testing : Ganesan Karthikeyan p 114
3.	The research community must meet the coronavirus disease 2019 challenge : Poonam Khetrapal Singh p 116
4.	Public engagement is key for containing COVID-19 pandemic : Rajesh Bhatia p 118
5.	COVID-19: Impact on health of people & wealth of nations : Prakash N Tandon p 121
6.	Ethics preparedness for infectious disease outbreaks research in India: A case for novel coronavirus disease 2019 : Roli Mathur p 124
7.	Need for integrated surveillance at human-animal interface for rapid detection & response to emerging coronavirus infections using One Health approach : Rajesh Bhatia p 132
8.	COVID-19 in India: Moving from containment to mitigation : George M Varghese, Rebecca John p 136
9.	Responding to COVID-19 pandemic: Why a strong health system is required : Tanzin Dikid, Sushma Chaudhary, Kapil Goel, Preeti Padda, Rajesh Sahu, Tripurari Kumar, SK Jain, SK Singh, Jai Prakash Narain p 140
10.	The 2019 novel coronavirus disease (COVID-19) pandemic: A review of the current evidence : Pranab Chatterjee, Nazia Nagi, Anup Agarwal, Bhabatosh Das, Sayantan Banerjee, Swarup Sarkar, Nivedita Gupta, Raman R Gangakhedkar p 147
11.	Perspectives for repurposing drugs for the coronavirus disease 2019 : Sarah S Cherian, Megha Agrawal, Atanu Basu, Priya Abraham, Raman R Gangakhedkar, Balram Bhargava p 160
12.	Biorisk assessment for infrastructure & biosafety requirements for the laboratories providing coronavirus SARS-CoV-2/(COVID-19) diagnosis : Devendra T Mourya, Gajanan Sapkal, Pragya D Yadav, Sujeet Kumar M Belani, Anita Shete, Nivedita Gupta p 172
13.	Guidance for building a dedicated health facility to contain the spread of the 2019 novel coronavirus outbreak : Anup Agarwal, Nazia Nagi, Pranab Chatterjee, Swarup Sarkar, Devendra Mourya, Rima Rakeshkumar Sahay, Rajesh Bhatia p 177
14.	Lopinavir/ritonavir combination therapy amongst symptomatic coronavirus disease 2019 patients in India: Protocol for restricted public health emergency use: Tarun Bhatnagar, Manoj V Murhekar, Manish Soneja, Nivedita Gupta, Sidhartha Giri, Naveet Wig, Raman Gangakhedkar. p 184

15.	Prudent public health intervention strategies to control the coronavirus disease 2019 transmission in India: A mathematical model-based approach : Sandip Mandal, Tarun Bhatnagar, Nimalan Arinaminpathy, Anup Agarwal, Amartya Chowdhury, Manoj Murhekar, Raman R Gangakhedkar, Swarup Sarkar. P 190
16.	Full-genome sequences of the first two SARS-CoV-2 viruses from India : Pragya D Yadav, Varsha A Potdar, Manohar Lal Choudhary, Dimpal A Nyayanit, Megha Agrawal, Santosh M Jadhav, Triparna D Majumdar, Anita Shete-Aich, Atanu Basu, Priya Abraham, Sarah S Cherian p 200
17.	Strategic planning to augment the testing capacity for COVID-19 in India : Nivedita Gupta, Tarun Bhatnagar, Kiran Rade, Manoj Murhekar, Raman R Gangakhedkar, Anu Nagar, ICMR COVID Team p 210
18.	Laboratory preparedness for SARS-CoV-2 testing in India: Harnessing a network of Virus Research & Diagnostic Laboratories: Nivedita Gupta, Varsha Potdar, Ira Praharaj & others. p 216
19.	Detection of coronaviruses in <i>Pteropus</i> & <i>Rousettus</i> species of bats from different States of India: Pragya D Yadav, Anita Shete-Aich, Dimpal A Nyayanit. p 226
20.	Severe acute respiratory illness surveillance for coronavirus disease 2019, India, 2020 : Nivedita Gupta, Ira Praharaj, Tarun Bhatnagar p 236
21.	Transmission electron microscopy imaging of SARS-CoV-2 : Sharda Prasad, Varsha Potdar, Sarah Cherian, Priya Abraham, Atanu Basu, ICMR-NIV NIC Team p241
22.	First isolation of SARS-CoV-2 from clinical samples in India : Prasad Sarkale, Savita Patil, Pragya D Yadav and others p 244
23.	Development of <i>in vitro</i> transcribed RNA as positive control for laboratory diagnosis of SARS-CoV-2 in India : Manohar Lal Choudhary, Veena Vipat, Sheetal Jadhav p 251
24.	Genomic analysis of SARS-CoV-2 strains among Indians returning from Italy, Iran & China, & Italian tourists in India : Varsha Potdar, Sarah S Cherian, Gururaj Rao Deshpande p 255
April 2020 Volume 151 Issue 4 Page Nos. 263-385	
25.	ICMR Consensus Guidelines on 'Do Not Attempt Resuscitation' : Roli Mathur p 303
26.	Lessons learnt during the first 100 days of COVID-19 pandemic in India : Rajesh Bhatia, Priya Abraham p 387
27.	Contact lens use at the time of SARS-CoV-2 pandemic for healthcare workers : Raghav Bhargava. p 392
28.	Impact of COVID-19 pandemic on health system & Sustainable Development Goal 3 : Sonalini Khetrpal, Rajesh Bhatia. P395
29.	Clinical management of COVID-19 : George M Varghese, Rebecca John, Abi Manesh, Rajiv Karthik, OC Abraham . p 401
30.	National sero-surveillance to monitor the trend of SARS-CoV-2 infection transmission in India: Protocol for community-based surveillance : Muthusamy Santhosh Kumar, Tarun Bhatnagar, Ponnaiah Manickam,. P 419
31.	Laboratory surveillance for SARS-CoV-2 in India: Performance of testing & descriptive epidemiology of detected COVID-19, January 22 - April 30, 2020 :

	ICMR COVID Study Group, COVID Epidemiology & Data Management Team, COVID Laboratory Team, VRDLN Team. P 424
32.	A cluster of SARS-CoV-2 infection among Italian tourists visiting India, March 2020 : Jeromie Wesley Vivian Thangaraj, Manoj Murhekar, Yatin Mehta & others p 438
33.	Development of indigenous IgG ELISA for the detection of anti-SARS-CoV-2 IgG : Gajanan Sapkal, Anita Shete-Aich, Rajlaxmi Jain p 444
34.	Analysis of RNA sequences of 3636 SARS-CoV-2 collected from 55 countries reveals selective sweep of one virus type : Nidhan K Biswas, Partha P Majumder p 450
35.	Healthcare workers & SARS-CoV-2 infection in India: A case-control investigation in the time of COVID-19 : Pranab Chatterjee, Tanu Anand, Kh Jitenkumar Singh p459
36.	An overview of mobile applications (apps) to support the coronavirus disease 2019 response in India : Abhinav Bassi, Sumaiya Arfin, Oommen John, Vivekanand Jha p468
37.	Mapping the genomic landscape & diversity of COVID-19 based on >3950 clinical isolates of SARS-CoV-2: Likely origin & transmission dynamics of isolates sequenced in India : Hina Singh, Jasdeep Singh, Mohd Khubaib, & others p 474

COVID-19 & India

1.	Cardiological Society of India: Document on acute MI care during COVID-19. Kerkar PG, Naik N, Alexander T, Bahl VK, & others .Version 2. Indian Heart J. 2020 Mar-Apr;72(2):70-74.
2.	Cardiovascular disease and COVID-19. Bansal M Diabetes Metab Syndr. 2020 May-Jun;14(3):247-250
3.	Chloroquine and hydroxychloroquine in the treatment of COVID-19 with or without diabetes: A systematic search and a narrative review with a special reference to India and other developing countries. Singh AK, Singh A, Shaikh A, Singh R, Misra A. Diabetes Metab Syndr. 2020 May-Jun;14(3):241-246
4.	Clinical and epidemiologic profile of the initial COVID-19 patients at a tertiary care centre in India. Gupta N, Agrawal S, Ish P, Mishra S, Gaind R, Usha G, Singh B, Sen MK, Covid Working Group SH. Monaldi Arch Chest Dis. 2020 Apr 10;90(1
5.	Concerns of Frontline Doctors in India during COVID-19: A Cross-Sectional Survey. Singh H, Sharma S. Indian J Public Health. 2020 Jun;64(Supplement):S237-S239.

6.	Could India be the origin of next COVID-19 like epidemic? Minhas S. Sci Total Environ. 2020 Aug 1;728:138918.
7.	COVID 19 in INDIA: Strategies to combat from combination threat of life and livelihood. Krishnakumar B, Rana S.J Microbiol Immunol Infect. 2020 Jun;53(3):389-391
8.	COVID-19 and diabetes: Knowledge in progress. Hussain A, Bhowmik B, do Vale Moreira NC.Diabetes Res Clin Pract. 2020 Apr;162:108142
9.	COVID-19 in India. Kakar A, Nundy S.J R Soc Med. 2020 Jun;113(6):232-233
10.	COVID-19 in India: Making a case for the one health surveillance system. Yasobant S, Patel K, Saxena D, Falkenberg T.Indian J Public Health. 2020 Jun;64(Supplement):S135-S138
11.	COVID-19: Could India still escape? Rammohan A, Rela M.J Glob Health. 2020 Jun;10(1):010372.
12.	Estimation of the reproduction number and early prediction of the COVID-19 outbreak in India using a statistical computing approach. Kanagarathinam K, Sekar K.Epidemiol Health. 2020;42:e2020028.
13.	Glucovigilance in COVID-19. Lampthey R, Ahomagnon S, Acheampong F, Kalra S.J Pak Med Assoc. 2020 May;70(Suppl 3)(5):S80-S82
14.	Health systems preparedness during COVID-19 pandemic: China and India. Baru RV.Indian J Public Health. 2020 Jun;64(Supplement):S96-S98.
15.	Healthcare workers & SARS-CoV-2 infection in India: A case-control investigation in the time of COVID-19. Chatterjee P, Anand T, Singh KJ, Rasaily R, Singh R, Das S, Singh H, Praharaj I, Gangakhedkar RR, Bhargava B, Panda S.Indian J Med Res. 2020 May;151(5):459-467
16.	India under COVID-19 lockdown. The Lancet.Lancet. 2020 Apr 25;395(10233):1315

17.	<p>Inter nation social lockdown versus medical care against COVID-19, a mild environmental insight with special reference to India.</p> <p>Paital B, Das K, Parida SK.Sci Total Environ. 2020 Aug 1;728:138914</p>
18.	<p>Knowledge, attitude, and practices related to COVID-19 pandemic among social media users in J&K, India.</p> <p>Dkhar SA, Quansar R, Saleem SM, Khan SMS. Indian J Public Health. 2020 Jun;64(Supplement): S205-S210</p>
19.	<p>Mathematical Modelling to Assess the Impact of Lockdown on COVID-19 Transmission in India: Model Development and Validation.</p> <p>Ambikapathy B, Krishnamurthy K.JMIR Public Health Surveill. 2020 May 7;6(2):e19368</p>
20.	<p>Primary Health Care Facility Preparedness for Outpatient Service Provision During the COVID-19 Pandemic in India: Cross-Sectional Study.</p> <p>Garg S, Basu S, Rustagi R, Borle A.JMIR Public Health Surveill. 2020 Jun 1;6(2):e19927.</p>
21.	<p>The Covid-19 pandemic and India's cardiovascular disease burden: Finding the right balance.</p> <p>Chalasanani M, Nasir K, Gupta MD, Kalra A.Indian J Med Ethics. 2020 May 15;(-):1-3</p>
22.	<p>The impact of COVID-19 related lockdown on ophthalmology training programs in India - Outcomes of a survey.</p> <p>Mishra D, Nair AG, Gandhi RA, Gogate PJ, Mathur S, Bhushan P, Srivastav T, Singh H, Sinha BP, Singh MK.Indian J Ophthalmol. 2020 Jun;68(6):999-1004.</p>
23.	<p>The Indian perspective of COVID-19 outbreak.</p> <p>Kaushik S, Kaushik S, Sharma Y, Kumar R, Yadav JP .Virusdisease. 2020 May 4:1-8</p>
24.	<p>The Influence of COVID-19 on Air Quality in India: A Boon or Inutile.</p> <p>Gautam S.Bull Environ Contam Toxicol. 2020 Jun;104(6):724-726</p>
25.	<p>The Rise and Impact of COVID-19 in India.</p> <p>Kumar SU, Kumar DT, Christopher BP, Doss CGP. Front Med (Lausanne). 2020 May 22;7:250.</p>