

Curriculum vitae

Jaykaran Charan

D. Pharm, MBBS, MD (Pharm), PG Dip in Research Methods

Sub -Dean (Research), Research Section, AIIMS Jodhpur

Associate Professor, Department of Pharmacology, AIIMS Jodhpur

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Professional Experience

June 2005 – May 2006 - Resident, Dept of Pharmacology, Govt. Medical College and New Civil Hospital, Surat, Gujarat, India.

June 2006 – May 2009 - Tutor, Dept of Pharmacology, Govt. Medical College and New Civil Hospital, Surat, Gujarat, India.

June 2009 – July 2013 - Assistant Professor, Dept of Pharmacology, Govt Medical College and New Civil Hospital, Surat, Gujarat, India.

July 2013 – Jan 2015 - Associate Professor and Head of Department, Dept of Pharmacology, GMERS Medical College, Dharpur, Patan, Gujarat, India.

Feb 2015 – May 2016 - Associate Professor, Dept of Pharmacology, GMERS Medical College, Dharpur, Patan, Gujarat. India.

May 2016 – June 2019 - Assistant Professor, Dept of Pharmacology, AIIMS Jodhpur.

July 2019 – Till now - Associate Professor, Dept of Pharmacology, AIIMS Jodhpur.

Academic Degrees

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| 2011 | PG Diploma in Research Methodology,
V N South Gujarat University, Surat, Gujrat, India |
| 2008 | Doctor of Medicine (MD) - Pharmacology
Govt. Medical College, New Civil Hospital, Surat, India |
| 2005 | Bachelor of Medicine and Bachelor of Surgery (MBBS)
Govt. Medical College, New Civil Hospital, Surat, India |
| 1998 | Diploma in Pharmacy (D. Pharm)
L M College of Science and Technology, Jodhpur, Rajasthan, India. |

Books

1. Statistical tests in Medical Research – Jaypee Publication, India.

Grants (As Principal Investigator)

1. **Extramural Research Grant – Indian Council of Medical Research** - Critical appraisal of methodological quality of negative studies published in Indian Medical Journals
2. **Extramural Research Grant – Indian Council of Medical Research** - Perception and practice of physicians, patients and pharmacists about prescription of generic drugs in India - Indian Council of Medical Research.
3. **Travel Grant** – To visit Dept of Comparative Effectives Research, University of South Florida, **USA** for one to one training on Systematic Review and Meta-analysis. 10th May to 24th May 2015.
4. **Travel Grant** - To attend “Academic Teachers Training Course” at LMU, **Munich, Germany** 24th Oct to 6th Nov 2016

5. **Travel Grant** - To attend “American Thoracic Society. Methods in Epidemiologic, Clinical and Operational Research (MECOR). India Course Level 1. 24-29th April 2017.
Mahabalipuram, India.
6. **Travel Grant** – For three day observer ship at – WHO regional office for Europe, Division of Communicable Disease, Health Security and Environment in **Copenhagen, Denmark.** – 24-26 Oct 2017.
7. **Travel Grant** – Workshop in Diabetes Epidemiology Methods arranged by the International Diabetes Epidemiology Group. **Abu Dhabi, UAE.** 11 Dec 2017
8. **Travel Grant** – The 7th International Congress on Lipid & Atherosclerosis (ICoLA 2018), **Seoul, South Korea.** 31st Sept to 1 Aug 2018.
9. **Travel Grant** – International Congress of Diabetes Metabolism (ICDM 2018) – **Seoul, South Korea.** 11-13 Oct 2018.
10. **Travel Grant** – 2019 Korean Society of Hematology International Conference & 60th Annual Meeting, **Seoul, South Korea,** 14-16 March 2019.

Bibliography

Peer reviewed journal publications

1. Kumar P, Thakur C, Goyal JP, Charan J, Singh K. Hindi Translation and Validation of Childhood Asthma Control Test (C-ACT). Indian Pediatrics 2022 [In press]
2. Ram H, Kala C, Sen K, Sakarwal A, Charan J, Sharma P, et al. In-vitro and in-silico determinations of HMG-CoA reductase inhibition potential of caffeic acid for therapeutics of hypercholesterolemia. Journal of Applied Pharmaceutical Science 2022;12(1):190-198
3. Kumar J, Kumar P, Goyal JP, Thakur C, Choudhary P, Meena J, Charan J, et al. Vitamin D Supplementation in Childhood Asthma: A Systematic Review and Meta-analysis of

Randomised Controlled Trials. ERJ Open Research 2021 DOI: 10.1183/23120541.00662-2021

4. Ayush Sharma, Akanksha Singh, Mukhtar Ahmad Dar, Rimple Jeet Kaur, Jaykaran Charan, Katia Iskandar, Mainul Haque, Krishna Murti, V. Ravichandiran, Sameer Dhingra, Menace of antimicrobial resistance in LMICs: Current surveillance practices and control measures to tackle hostility. Journal of Infection and Public Health, 2021, <https://doi.org/10.1016/j.jiph.2021.12.008>. [Impact Factor - 3.7]
5. Khandker SS, Godman B, Jawad MI, Meghla BA, Tisha TA, Khondoker MU, et al. A Systematic Review on COVID-19 Vaccine Strategies, Their Effectiveness, and Issues. Vaccines [Internet] 2021;9:1387. Available from: <http://dx.doi.org/10.3390/vaccines9121387> [Impact Factor - 4.4]
6. Ambwani S, Dutta S, Mishra G, Lal H, Singh S, Charan J, et al. Adverse Drug Reactions Associated With Drugs Prescribed in Psychiatry: A Retrospective Descriptive Analysis in a Tertiary Care Hospital. Cureus 2021;13(11): e19493. doi:10.7759/cureus.19493
7. Dar MA, Chauhan P, Kumar P, Chauhan R, Murti K, Charan J, et al. Safety, efficacy, and immunogenicity of COVAXIN: A review. Journal of Applied Pharmaceutical Science 2021;11:18-25.
8. Dutta S, Rahman S, Ahmad R, Kumar T, Dutta G, Benerjee S, Abubakar AR, Rowaiye AB, Dhingra S, Ravichandran V, Kumar S, Sharma P, Haque M, Charan J. An Evidence-Based Review of Neuronal Cholesterol Role in Dementia and Statins as A Pharmacotherapy in Reducing Risk of Dementia. Expert Review of Neurotherapeutics 2021 [In Press]

9. GBD 2019 Adolescent Mortality Collaborators. Global, regional and national mortality among young people aged 10-24 years, 1950 – 2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet* 2021;398:1593-1618.

10. Kinyoki D, Osgood-Zimmerman AE, Bhattacharjee NV; Local Burden of Disease Anaemia Collaborators, Kassebaum NJ, Hay SI. Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. *Nat Med.* 2021 Oct;27(10):1761-1782. doi: 10.1038/s41591-021-01498-0. Epub 2021 Oct 12. PMID: 34642490.

11. GBD 2019 Tuberculosis Collaborators. Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990-2019: results from the Global Burden of Disease Study 2019. *The Lancet Infectious Disease* 2021 [https://doi.org/10.1016/S1473-3099\(21\)00449-7](https://doi.org/10.1016/S1473-3099(21)00449-7)

12. Dutta S, Kaur R, Bhardwaj P, Ambwani S, Godman B, Jha P, Sukhija S, Venketesh S, Lugova H, Islam S, **Charan J**, Haque M. Demand of COVID-19 medicines without prescription among community pharmacies in Jodhpur, India: findings and implications. *Journal of Family Medicine and Primary Care* 2021 [In Press].

13. Global Burden of Disease 2020 Health Financing Collaborator Network. Tracking development assistance for health and for COVID-19: a review of development assistance, government, out-of-pocket, and other private spending on health for 204 countries and territories, 1990-2050. *Lancet.* 2021 Sep 22;S0140-6736(21)01258-7. doi: 10.1016/S0140-6736(21)01258-7. **[Impact Factor – 79.32]**

14. GBD 2019 Stroke Collaborators. Global, regional, and national burden of stroke and its risk factors, 1990-2019: A systematic analysis for the Global Burden of Disease Study 2019. *The Lancet Neurology* 2021 [https://doi.org/10.1016/S1474-4422\(21\)00252-0](https://doi.org/10.1016/S1474-4422(21)00252-0)
[Impact Factor – 44.18]
15. Duta S, Lal H, Kumar T, Mishra G, Charan J, Ambwani S, et al. Knowledge, Attitude, Practice among Healthcare Workers regarding COVID-19: An Online Questionnaire-based Study. *International Journal of Pharmaceutical Sciences Review and Research* 2021;69(2):238-244.
16. GBD 2019 Under-5 Mortality Collaborators. Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. *Lancet* 2021 DOI:[https://doi.org/10.1016/S0140-6736\(21\)01207-1](https://doi.org/10.1016/S0140-6736(21)01207-1). **[Impact Factor – 79.32]**
17. Ram H, Jaipal N, Charan J, Kashyap P, Kumar S. Efficacy of small molecule Phytochemicals of petroleum ether pod extract of *Prosopis cineraria* (L.) Druce on HMG-CoA Reductase and biomarkers indices of lipoproteins: In-vivo and In-silico study. *Biointerface Research in Applied Chemistry* 2021;12:2988-3001.
18. Kaur R, Dutta S, Charan J, Bhardwaj P, Tandon A, Yadav D, Islam S, Haque M. Cardiovascular Adverse Events Reported from COVID -19 Vaccines: A Study Based on WHO Database. *International Journal of General Medicine* 2021 [In Press] **[Impact Factor – 2.46]**
19. GBD 2020, Release 1, Vaccine Coverage Collaborators. Measuring routine childhood vaccination coverage in 204 countries and territories, 1980-2019: a systematic analysis

for the Global Burden of Disease Study 2020, Release 1. Lancet 2021 Jul 14;S0140-6736(21)00984-3. doi: 10.1016/S0140-6736(21)00984-3. **[Impact Factor – 79.32]**

20. Dutta S, Kaur R, Bhardwaj P, Sharma P, Ambwani S, Islam S, Tandon A, Abhayana JP, Sukhija S, Venkatesh S, Misra S, Haque M, Charan J. Adverse events reported from the COVID-19 vaccines: A descriptive study based on the WHO database (VigiBase). Journal of Applied Pharmaceutical Science 2021 [In Press].
21. Brian Godman, Mainul Haque, Santosh Kumar, Salekul Islam, Jaykaran Charan, Farhana Akter. Current utilisation patterns for long-acting insulin analogues including biosimilars among selected Asian countries and the implications for the future. Current Medical Research and Opinion 2021 [In Press]. **[Impact Factor – 2.58]**
22. Jaykaran Charan, Siddhartha Dutta, Rimplejeet Kaur, Pankaj Bhardwaj, Praveen Sharma, Sneha Ambwani, Iffat Jahan, Abdullahi Rabi Abubakar, Salekul Islam, Timothy Craig Hardcastle, Nor Azlina A Rahman, Halyna Lugova & Mainul Haque (2021) Tocilizumab in COVID-19: a study of adverse drug events reported in the WHO database, Expert Opinion on Drug Safety, DOI: [10.1080/14740338.2021.1946513](https://doi.org/10.1080/14740338.2021.1946513) **[Impact Factor – 4.25]**
23. Deora S, Sharma J, Sharma S, Chaudhry N, Kaushik A, Choudhry R, Charan J, et al. Clinical characteristic, red blood cell indices, iron profile and prognosis of heart failure in females. Global Cardiology Science and Practice. 2021 **[In Press]**
24. Local Burden of Disease Exclusive Breastfeeding Collaborators. Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000-2018. Nat Hum Behav 2021 Jun 3. doi: 10.1038/s41562-021-01108-6. **[Impact Factor – 13.66]**
25. Local Burden of Disease HIV Collaborators. Subnational mapping of HIV incidence and mortality among individuals aged 15-49 years in sub-Saharan Africa, 2000-18: a

modelling study. *Lancet HIV* 2021;8(6):E363-e375. doi: 10.1016/S2352-3018(21)00051-5.

[Impact Factor – 12.76]

26. Shah K, Singhal D, Patel A, Gadhavi B, Karan J, Gaidhane A, Saxena D. Dry eye Disease During COVID-19 : Need for Investment Into Research to Develop Solutions? , *Indian Journal of Forensic Medicine & Toxicology* 2021;15: 409-412.
<https://doi.org/10.37506/ijfmt.v15i1.13441>
27. Shah K, Charan J, Sinha A, Saxena D. Retraction rates of research articles addressing COVID-19 pandemic: Is it the evolving COVID epidemiology or scientific misconduct? *Indian J Community Med* 2021; 46:352-4.
28. Bhardwaj P, Joshi NK, Gupta MK, Goel AD, Saurabh S, Charan J, Rajpurohit P, Ola S, Singh P, Bisht S, Bishnoi NR, Manda B, Singh K, Misra S. Analysis of Facility and Home Isolation Strategies in COVID 19 Pandemic: Evidences from Jodhpur, India. *Infect Drug Resist.* 2021;14:2233-2239 **[Impact Factor – 4]**
29. Godman B, Haque M, Leong T, Allocati E, Kumar S, Islam S, Charan J, et al. The current situation regarding long acting insulin analogues including biosimilars among African, Asian, European and South American countries; findings and implications for the future. *Front. Public Health* **[Impact Factor – 3.70]. [In Press]**
30. Abubakar, A., Sani, I., Malami, S., Yaro, A., Jahan, I., Adnan, N., Kumar, S., Islam, S., Dutta, S., Charan, J., & Haque, M. Anxiety Disorders: Recent Global Approach to Neuro-pathogenesis, Drug Treatment, Cognitive Behavioral Therapy, and Their Implications. *Bangladesh Journal of Medical Science* 2021;20(3):487-503.
<https://doi.org/10.3329/bjms.v20i3.52790>

31. GBD 2019 Hearing Loss Collaborators. Hearing loss prevalence and years lived with disability, 1990–2019: findings from the Global Burden of Disease Study 2019. *Lancet* 397; 10278:996-1009. [**Impact Factor – 79.32**]
32. Rimplejeet Kaur, Siddhartha Dutta, Pankaj Bhardwaj, Jaykaran Charan, Praveen Sharma, Sanjeev Misra, et al. Adverse events reported from COVID – 19 vaccine trials: A systematic review. *Indian Journal of Clinical Biochemistry* 2021 [**In Press**]
33. Jaykaran Charan, Rimplejeet Kaur, Pankaj Bhardwaj, Kuldeep Singh, Sneha R. Ambwani, Sanjeev Misra. Sample Size Calculation in Medical Research: A Primer. *Ann Natl Acad Med Sci (India)* 2020;00:1–8. [**In Press**]
34. Dilshad Jahan, Ed Peile, Md Arif Sheikh, Salequl Islam, Sharlene Parasnath, Paras Sharma, Katia Iskandar, Sameer Dhingra, Jaykaran Charan, Timothy Craig Hardcastle, Nandeeta Samad, Tajkera Sultana Chowdhury, Siddhartha Dutta & Mainul Haque. Is it time to reconsider prophylactic antimicrobial use for hematopoietic stem cell transplantation? a narrative review of antimicrobials in stem cell transplantation, *Expert Review of Anti-infective Therapy*, 2021 DOI: [10.1080/14787210.2021.1902304](https://doi.org/10.1080/14787210.2021.1902304) [**Impact Factor – 5.09**]
35. Karthick Dharmalingam, Amandeep Birdi, Sojit Tomo, Karli Sreenivasulu, Jaykaran Charan, Dharmveer Yadav, Purvi Purohit, and Praveen Sharma. Trace Elements as Immunoregulators in SARS-CoV-2 and Other Viral Infections. *Indian J Clin Biochem.* 2021 Feb 12 : 1–11.
36. WHO Solidarity Trial Consortium. Repurposed Antiviral Drugs for Covid-19 - Interim WHO Solidarity Trial Results. *N Engl J Med* 2020 Dec 2;NEJMoa2023184. doi: 10.1056/NEJMoa2023184. [**Impact Factor – 91.24**]

37. Yadav D, Birdi A, Tomo S, Charan J, Bhardwaj P, Sharma P. Association of Vitamin D Status with COVID-19 Infection and Mortality in the Asia Pacific region: A Cross-Sectional Study. *Ind J Clin Biochem* (2021). <https://doi.org/10.1007/s12291-020-00950-1>
38. Roth GA, Mensah GA, Johnson CO, Addolorato G, Ammirati E, Baddour LM, et al. GBD-NHLBI-JACC Global Burden of Cardiovascular Diseases Writing Group. Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. *J Am Coll Cardiol.* 2020 Dec 22;76(25):2982-3021. doi: 10.1016/j.jacc.2020.11.010. **[Impact Factor – 24.09]**
39. Local Burden of Disease HIV Collaborators. Mapping subnational HIV mortality in six Latin American countries with incomplete vital registration systems. *BMC Med* **19**, 4 (2021). <https://doi.org/10.1186/s12916-020-01876-4>. **[Impact Factor – 8.77]**
40. Charan J, Saxena D, Chaudhri M, Dutta S, Kaur RJ, Bhardwaj P. Opinion of Primary care physicians regarding prescription of generic drugs: A Cross-sectional study. *Journal of Family Medicine and Primary Care* 2020;10:1390-8.
41. Ram Niwas, Aneesa Shahul S, M K Garg, Vijaya lakshmi Nag, Pradeep Kumar Bhatia, Naveen Dutt, et al. Clinical outcome, viral response and safety profile of chloroquine in COVID-19 patients — initial experience. *Adv Respir Med* 2020;88:515-519.
42. Jaykaran Charan, Rimple Jeet Kaur, Pankaj Bhardwaj, Mainul Haque, Praveen Sharma, Sanjeev Misra & Brian Godman (2021) Rapid review of suspected adverse drug events due to remdesivir in the WHO database; findings and implications, *Expert Review of Clinical Pharmacology* 2021;14:1, 95-103, DOI: [10.1080/17512433.2021.1856655](https://doi.org/10.1080/17512433.2021.1856655). **[Impact Factor – 5.04].**

43. GBD 2019 Universal Health Coverage Collaborator. Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 2020, 396(10258), 1250-1284. **[Impact Factor – 79.32]**
44. GBD 2019 Disease and Injuries Collaborators. Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 2020, 396(10258), 1204-1222. **[Impact Factor – 79.32]**
45. GBD 2019 Risk Factors Collaborators. Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 2020, 396(10258), 1223-1249. **[Impact Factor – 79.32]**
46. GBD 2019 Demographic Collaborators. Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 2020, 396(10258), 1160-1203. **[Impact Factor – 79.32]**
47. LBD Double Burden of Nutrition Collaborators. Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. *Nature Medicine*, 2020, 26(5), 750-759. **[Impact Factor – 53.44]**
48. Dutta S, Kaur RJ, Bhardwaj P, Charan J, Bist SKS, Detha MD, Kanchan T, Sharma P, Misra S. Household Transmission of COVID-19: A Cross-Sectional Study. *Infect Drug Resist.* 2020;13:4637-4642 DOI:<https://doi.org/10.2147/IDR.S285446> **[Impact Factor – 4].**
49. Kaur RJ, Charan J, Dutta S, Sharma P, Bhardwaj P, Sharma P, Lugova H, Krishnapillai A, Islam S, Haque M, Misra S. Favipiravir Use in COVID-19: Analysis of Suspected Adverse

- Drug Events Reported in the WHO Database. *Infect Drug Resist.* 2020;13:4427-4438.
<https://doi.org/10.2147/IDR.S287934> [**Impact Factor – 4**].
50. Dutta S, Kaur R, Haque M, Bhardwaj P, Saxena D, Rahman NAA, Lugova H, Jahan D, Islam S, Chowdhury TS, Charan J. Terminated Interventional Trials in the Clinical Trial Registry of India Database: An Analysis to Evaluate the Reasons for Termination. *Open Access Journal of Clinical Trials.* 2020;12:61-70.
51. Mainul Haque, Salekul Islam, Md Arif Sheikh, Sameer Dhingra, Peace Uwambaye, Francesco Maria Labricciosa, Katia Iskandar, Jaykaran Charan, Alaeddin Bashir Abukabda & Dilshad Jahan (2021) Quorum sensing: a new prospect for the management of antimicrobial-resistant infectious diseases, *Expert Review of Anti-infective Therapy*, 19:5, 571-586, DOI: [10.1080/14787210.2021.1843427](https://doi.org/10.1080/14787210.2021.1843427) [**Impact Factor – 5.09**].
52. Patel, K., Yasobant, S., Charan, J., Chaudhari, M., Gaidhane, A., & Saxena, D. (2020). Acceptability and Perceptions of Generic Drugs among Patients, Pharmacists, and Physicians. *Journal of Pharmaceutical Research International*, 2020;32(33):40-47.
<https://doi.org/10.9734/jpri/2020/v32i3330948>.
53. Charan, J., Bhardwaj, P., Dutta, S. *et al.* Use of Complementary and Alternative Medicine (CAM) and Home Remedies by COVID-19 Patients: A Telephonic Survey. *Ind J Clin Biochem* **36**, 108–111 (2021). <https://doi.org/10.1007/s12291-020-00931-4>.
54. Haque M, Kumar S, **Charan J**, Bhatt R, Islam S, Dutta S, et al. Utilisation, availability and price changes of medicines and protection equipment for COVID-19 in India: findings and implications *Front. Pharmacol.*, 14 January 2021 Doi: <https://doi.org/10.3389/fphar.2020.582154>. [**Impact Factor – 5.8**]

55. Godman B, Haque M, Islam S, Iqbal S, Urmi U, Kamal J, et al. Rapid assessment of price instability and paucity of medicines and protection for COVID-19 across Asia: findings and public health implications for the future. *Front. Public Health* 2020 doi: 10.3389/fpubh.2020.585832. eCollection 2020 [**Impact Factor – 3.70**]
56. Rahman S, Singh K, Dhingra S, Charan J, Sharma P, Islam S, Jahan D, Iskandar K, Samad N, Haque M. The Double Burden of the COVID-19 Pandemic and Polypharmacy on Geriatric Population – Public Health Implications. *Ther Clin Risk Manag.* 2020;16:1007-1022.<https://doi.org/10.2147/TCRM.S272908>. [**Impact Factor – 2.42**]
57. Charan J ,Saxena D, Chaudhri M, Dutta S, Kaur R, Bhardwaj P. Opinion of patients seeking primary care, regarding prescription of generic drugs: A Cross-sectional study. *Journal of Family Medicine and Primary Care* 2020;9:5725-5730.
58. Haque M, McKimm J, Sartelli M, Dhingra S, Labricciosa FM, Islam S, Jahan D, Nusrat T, Chowdhury TS, Coccolini F, Iskandar K, Catena F, **Charan J**. Strategies to Prevent Healthcare-Associated Infections: A Narrative Overview. *Risk Manag Healthc Policy.* 2020;13:1765-1780 <https://doi.org/10.2147/RMHP.S269315>. [**Impact Factor – 3.20**]
59. Ladha N, Bhardwaj P, **Charan J**, Mitra P, Goyal JP, Sharma P, et al. Association of Environmental Parameters with COVID-19 in Delhi, India. *Ind J Clin Biochem* **35**, 497–501 (2020). <https://doi.org/10.1007/s12291-020-00921-6>.
60. **Charan J**, Kaur R, Bhardwaj P, Kanchan T, Yadav D, Mitra P, *et al*. Snapshot of COVID-19 Related Clinical Trials in India. *Ind J Clin Biochem* **35**, 418–422 (2020). <https://doi.org/10.1007/s12291-020-00918-1>

61. Kaur R, Charan J, Reljic T, Singh S, Bhardwaj P, Tsalatsanis A, Kumar A. Relationship between clinical trials and disease burden of India: A cross-sectional study. *J Pharm Bioall Sci* 2020;12:269-76.
62. Ram H, Jaipal N, **Charan, J.** Kashyap P, Kumar S, Tripathi R, et al. Phytoconstituents of an ethanolic pod extract of *Prosopis cineraria* triggers the inhibition of HMG-CoA reductase and the regression of atherosclerotic plaque in hypercholesterolemic rabbits. *Lipids Health Dis* **19**, 6 (2020). <https://doi.org/10.1186/s12944-020-1188-z>
[Impact Factor – 3.87]
63. **Charan J**, Tank N, Reljic T, Singh S, Bhardwaj P, Kaur R, Goyal JP, Kumar A. Prevalence of multidrug resistance tuberculosis in adults patients in India. A systematic review and meta-analysis. *J Family Med Prim Care* 2019;8:3191-201.
64. **Charan J**, Chaudhari M, Saxena D, Bhardwaj P, Dwivedi P, Ambwani S. Patients Opinion on the use of Generics and Factors Associated with it: A Cross-Sectional Study. *J Young Pharm.* 2019;11(2):172-6.
65. **Jaykaran Charan**, Bhavisha N Vegada. Prediction of scores in pharmacology in the second MBBS university examination based on previous academic performance and gender of the students: A pilot study. *Natl J Physiol Pharm Pharmacol.* 2019; 9(2): 183-186.
66. **Charan J**, Dhanani JV, Doshi MS, Reljic T, Tsalatsanis A, Kumar A. Drug approval in India does not match the disease burden: A cross-sectional study. *J Pharmacol Pharmacother* 2018;9:6-10
67. Bajpai NK, Bajpayee A, **Charan J**, Pareek P, Elhence P, Kirubakaran R. Interventions for treating antibody-mediated acute rejection in kidney transplant recipients

(Protocol). Cochrane Database of Systematic Reviews 2018, Issue 5. Art. No.: CD013033.

DOI: 10.1002/14651858.CD013033. **[Impact Factor – 9.26]**

68. Chikara G, Sharma PK, Dwivedi P, **Charan J**, Ambwani S, Singh S. A Narrative Review of Potential Future Antidiabetic Drugs: Should We Expect More? *Ind J Clin Biochem* 2018; 33: 121-131. PMID 29651202
69. Sneha Ambwani, Bhavisha Vegada, **Jaykaran Charan**. Impact of integrated teaching sessions for comprehensive learning & Rational Pharmacotherapeutics. *International Journal of Applied and Basic Medical Research* 2017;7(S1):S57-61. PMID 29344460.
70. Surjit Singh, Nitish K. Tank, Pradeep Dwiwedi, **Jaykaran Charan**, Rimplejeet Kaur, Preeti Sidhu et al. Monoclonal Antibodies: A Review. *Curr Clin Pharmacol* 2017. DOI: [10.2174/1574884712666170809124728](https://doi.org/10.2174/1574884712666170809124728). PMID 28799485
71. Charan J, Goyal JP, Reljic T, Emmanuel P, Patel A, Kumar A. Isoniazid for the prevention of tuberculosis in HIV-infected children: A systematic review and meta-analysis. *Pediatr Infect Dis J* 2018;37:773-780. **[Impact Factor – 2.12]**
72. **Charan J**, Chaudhari M, Mulla S, Reljic T, Mhaskar R, Kumar A. Pharmacotherapy for resistant hypertension in adults (Protocol). Cochrane Database of Systematic Reviews 2017, Issue 8. Art. No.: CD012769. DOI: 10.1002/14651858.CD012769. **[Impact Factor – 9.26]**
73. Singh S, Dwivedi P, **Charan J**, Bhandari B, Sidhu P. Increase in Glycosylated Haemoglobin (HbA1c) or Diabetes Risk and Use of Statin. *J Diab Meta Syndro* 2017 1: 002.

74. Vegada Bhavisha, Shukla Apexa, Khilnani Ajeet, **Charan J**, Desai C. Comparison between 3 option, 4 option and 5 option MCQ tests for quality parameters: A randomized study. Indian Journal of Pharmacology 2016;48:571-5. [**Impact Factor – 1.2**]
75. **Charan J**, Saxena D, Goyal JP. Efficacy and safety of Carica papaya leaf extract in the dengue: A systematic review and meta-analysis. Int J App Basic Med Res 2016;6:249-54.
76. Upadhyaya SK, Raval CM, Sharma DK, **Charan J**. Risk factors of social anxiety in medical college students. J Health Spec 2016;4:207-11
77. Purohit, R., Rao, S.S., Goyal, J.P., Shah Vijay, **Charan J**. Pulmonary Function Tests in Sickle Cell Disease. Indian J Pediatr;2016;83;783.
78. **Charan J**, Reljic T, Kumar A. Author Reply. Indian J Pharmacol 2016;48:467. [**Impact Factor – 1.2**]
79. **Charan J**, Reljic T, Kumar A. Bedaquiline versus placebo for management of multiple drug-resistant tuberculosis: A systematic review. Indian J Pharmacol 2016;48:186-91. PMID: 27127322. [**Impact Factor – 1.2**]
80. Khilnani AK, **Charan J**, Thaddanee R, Pathak RR, Makwana S, Khilnani G. Structured oral examination in pharmacology for undergraduate medical students: Factors influencing its implementation. Indian J Pharmacol 2015;47:546-50. PMID: 26600646. [**Impact Factor – 1.2**]
81. Mulla S, **Charan J**, Rajdev S. Antibiotic sensitivity pattern in blaNDM-1-positive and carbapenemase-producing *Enterobacteriaceae*. Int J App Basic Med Res 2016;6:14-7. PMID: 26958516.
82. **Charan J**, Mayur Chaudhri, Tea Reljic, Ryan Jackson, Rahul Mhaskar, Ambuj Kumar. Comparison of methodological quality of positive versus negative comparative studies

published in Indian Medical Journals— A systematic review. BMJ Open 2015;**5**:e007853 doi:10.1136/bmjopen-2015-007853 [**Impact Factor – 2.69**]

83. **Charan J**, Saxena D. Reporting of various methodological and statistical parameters in negative studies published in prominent Indian Medical Journals: A systematic review. J Postgrad Med 2014;**60**:362-5. PMID:25370542. [**Impact Factor – 1.47**]
84. **Charan J**, Saxena D. Negative animal studies published in Indian Medical Journal: Are they methodologically strong enough to conclude what they are concluding? Journal of pharmacy & bioallied sciences. 2014 Apr;**6**(2):134-6. PubMed PMID: 24741285. Pubmed Central PMCID: PMC3983746. Epub 2014/04/18. eng.
85. **Charan J**. Impact factor: is this a true measure of quality? International Journal of Medical Science and Public Health 2014; **3**: 246-248.
86. **Saxena D, Charan J**. Guideline for reporting negative studies in biomedical journals. National Journal of Physiology, Pharmacy and Pharmacology 2014;**4**:252-254.
87. **Charan J**, Kantharia ND. How to calculate sample size in animal studies? Journal of pharmacology & pharmacotherapeutics. 2013 Oct;**4**(4):303-6. PubMed PMID: 24250214. Pubmed Central PMCID: PMC3826013. Epub 2013/11/20. eng.
88. **Charan J**, Biswas T. How to calculate sample size for different study designs in medical research? Indian journal of psychological medicine. 2013 Apr;**35**(2):121-6. PubMed PMID: 24049221. Pubmed Central PMCID: PMC3775042. Epub 2013/09/21. eng.
89. **Charan J**, Goyal JP, Saxena D. Effect of Polypill on cardiovascular parameters: Systematic review and meta-analysis. Journal of cardiovascular disease research. 2013 Jun;**4**(2):92-7. PubMed PMID: 24027363. Pubmed Central PMCID: PMC3770125. Epub 2013/09/13. eng.

90. Chaudhari M, **Charan J**. Prescription of Generic Drugs. *Natl J Physiol Pharm Pharmacol*. 2013;3(1):1-3.
91. **Charan J**. Negative studies: Why should be they methodologically strong? *Int J Med Sci Public Health*. 2013;2(4):778-9.
92. Charan J, Saxena D, Mulla Summaiya, Yadav P. Antibiotics for the treatment of Leptospirosis. Systematic review and meta-analysis of controlled trials. *Int J Prev Med*. 2013 May; 4(5): 501–510.
93. Mody P, Biswas T, **Charan J**, Parikh D. Reporting of adverse drug reactions in clinical trials published in Indian Medical/Dental journals. *Journal of pharmacology & pharmacotherapeutics*. 2012 Oct;3(4):325-6. PubMed PMID: 23326104. Pubmed Central PMCID: PMC3543553. Epub 2013/01/18. eng.
94. **Charan J**, Goyal JP, Saxena D, Yadav P. Vitamin D for prevention of respiratory tract infections: A systematic review and meta-analysis. *Journal of pharmacology & pharmacotherapeutics*. 2012 Oct;3(4):300-3. PubMed PMID: 23326099. Pubmed Central PMCID: PMC3543548. Epub 2013/01/18. eng.
95. **Jaykaran Charan**, Deepak Saxena, Summaiya Mulla. Prophylaxis and treatment for leptospirosis: where are the evidences? *National Journal of Physiology, Pharmacy and Pharmacology* 2012;2:78-83.
96. **Charan J**, Saxena D. Suggested statistical reporting guidelines for clinical trials data. *Indian journal of psychological medicine*. 2012 Jan;34(1):25-9. PubMed PMID: 22661803. Pubmed Central PMCID: PMC3361838. Epub 2012/06/05. eng.
97. Buch N, Goyal JP, Kumar N, Parmar I, Shah VB, **Charan J**. Prevalence of hypertension in school going children of Surat city, Western India. *Journal of cardiovascular disease*

- research. 2011 Oct;2(4):228-32. PubMed PMID: 22135481. Pubmed Central PMCID: PMC3224443. Epub 2011/12/03. eng.
98. **Charan J**, Saxena D, Yadav P, Kantharia ND. Quality of antidepressant drugs research articles published in Indian medical journals. Indian journal of psychological medicine. 2011 Jul;33(2):141-4. PubMed PMID: 22345837. Pubmed Central PMCID: PMC3271487. Epub 2012/02/22. eng.
 99. Mulla S, **Charan J**, Panvala T. Antibiotic sensitivity of Enterobacteriaceae at a tertiary care center in India. Chronicles of Young Scientists. 2011;2(4):214.
 100. **Jaykaran**, Bhardwaj P, Kantharia ND, Yadav P, Panwar A. Effect of fluoxetine on some cognitive functions of patients of depression. Indian journal of psychological medicine. 2009 Jan;31(1):24-9. PubMed PMID: 21938087. Pubmed Central PMCID: PMC3168075. Epub 2009/01/01. Eng
 101. Yadav P, Sinha A, **Karan J**, Mody P, Panwar A, Kantharia N. Awareness about emergency contraceptives pill in women who came for medical termination of pregnancy. National Journal of Physiology, Pharmacy and Pharmacology. 2011;1(2):68-78.
 102. **Jaykaran PY**, Kantharia N, Saxena D. Gender and racial bias in drug promotional material distributed by pharmaceutical companies. Journal of pharmacology & pharmacotherapeutics. 2012;3(1):55. PMID:22368418 PMCID:PMC3284038.
 103. Yadav P, **Jaykaran MC**, Saxena D, Kantharia N. Clinical trials registered in clinical trial registry of India: A survey. Journal of pharmacology & pharmacotherapeutics. 2011;2(4):289. PMID: 22025862 PMCID:PMC3198529.

104. **Charan J**, Mulla S, Ryavanki S, Kantharia N. New Delhi Metallo-beta lactamase-1 containing enterobacteriaceae: origin, diagnosis, treatment and public health concern. The Pan African medical journal. 2012;11:22. PubMed PMID: 22514756. Pubmed Central PMCID: PMC3325060. Epub 2012/04/20. eng.
105. **Jaykaran**, Saxena D, Yadav P, Kantharia ND. Nonsignificant P values cannot prove null hypothesis: Absence of evidence is not evidence of absence. Journal of pharmacy & bioallied sciences. 2011 Jul;3(3):465-6. PubMed PMID: 21966174. Pubmed Central PMCID: PMC3178960. Epub 2011/10/04. eng.
106. **Jaykaran**, Yadav P, Kantharia N. Reporting of sample size and power in negative clinical trials published in Indian medical journals. Journal of Pharmaceutical Negative Results. 2011;2(2):87.
107. **Jaykaran C**, Saxena D, Yadav P, Kantharia ND. Reporting of outcomes in drug promotional materials distributed by pharmaceutical companies. Journal of postgraduate medicine. 2011 Jul-Sep;57(3):256-7. PubMed PMID: 21941074. Epub 2011/09/24. eng. [**Impact Factor – 1.47**]
108. **Charan J**, Yadav P, Saxena D, Kantharia ND. Drug advertisements published in Indian Medical Journals: Are they ethical? Journal of pharmacy & bioallied sciences. 2011 Jul;3(3):403-6. PubMed PMID: 21966161. Pubmed Central PMCID: PMC3178947. Epub 2011/10/04. eng.
109. **Jaykaran**. Don't use great people to sell your drug. Indian journal of medical ethics. 2011 Oct-Dec;8(4):263. PubMed PMID: 22106679. Epub 2011/11/24. eng.
110. **Jaykaran**, Saxena D, Yadav P, Kantharia ND. Drug promotional literature distributed by pharmaceutical companies: Do they provide enough information

- to ascertain their validity? J Pharmacol Pharmacother. 2011 Jul;2(3):192-4. PubMed PMID: 21897717. Pubmed Central PMCID: PMC3157133. Epub 2011/09/08. eng.
111. **Karan J**, Panwar A, Yadav P, Kantharia N. Metaphors and symbols in drug promotional literature distributed by pharmaceutical companies. National Journal of Physiology, Pharmacy and Pharmacology. 2011;1(1):32-4.
 112. Chavda N, Yadav P, **Karan J**, Kantharia ND. Second MBBS medical student's feedback on teaching methodology and evaluation methods in Pharmacology. Natl J Physiol Pharm Pharmacol. 2011;1(1):23-31.
 113. **Jaykaran**, Saxena D, Yadav P, Kantharia ND. Negative studies published in medical journals of India do not give sufficient information regarding power/sample size calculation and confidence interval. Journal of postgraduate medicine. 2011 Apr-Jun;57(2):176-7. PubMed PMID: 21654149. Epub 2011/06/10. eng. [**Impact Factor – 1.47**]
 114. Solanki P, **Jaykaran**, Saxena D, Kantharia N. Study design and statistical methods in Indian medical journals. Journal of Pharmaceutical Negative Results. 2011;2(1):35.
 115. **Karan J**. Advertisement of "Complan". Indian pediatrics. 2011 May;48(5):412-3. PubMed PMID: 21654017. Epub 2011/06/10. eng. [**Impact Factor – 1.16**]
 116. **Jayakaran C**, Saxena D, Yadav P. Negative studies published in Indian medical journals are underpowered. Indian pediatrics. 2011 Jun;48(6):490-1. PubMed PMID: 21743119. Epub 2011/07/12. eng. [**Impact Factor – 1.41**]

117. **Jaykaran**, Saxena D. Clinical trials with poor methodological quality and inappropriate statistics: Are they ethical? Journal of Pharmaceutical Negative Results. 2011;2(1):42.
118. **Jaykaran**. Data transformation. J Pharmacol Pharmacother. 2011 Jan;2(1):43-4. PubMed PMID: 21701647. Pubmed Central PMCID: PMC3117570. Epub 2011/06/28. eng.
119. **Jaykaran**, Saxena D, Yadav P, Kantharia N, Solanki P. Quality of reporting of descriptive and inferential statistics in negative studies published in Indian medical journals. Journal of Pharmaceutical Negative Results. 2011;2(1):39.
120. **Jaykaran**, Yadav P. Quality of reporting statistics in two Indian pharmacology journals. J Pharmacol Pharmacother. 2011 Apr;2(2):85-9. PubMed PMID: 21772766. Pubmed Central PMCID: PMC3127356. Epub 2011/07/21. eng.
121. **Jay Karan** DS, Hitesh Shah. Full Moon Days and Crime: Is there any association? International Journal of Criminology and Sociological Theory 2010;3(2):419-24.
122. **Jaykaran**, Yadav P, Chavda N, Kantharia ND. Factors associated with performance of second year student in pharmacology examinations. J Pharmacol Pharmacother. 2011 Apr;2(2):123-5. PubMed PMID: 21772778. Pubmed Central PMCID: PMC3127344. Epub 2011/07/21. eng.
123. **Jaykaran**, Yadav P, Kantharia ND. Reporting of method of animal sacrifice in articles published in Indian journals. J Pharmacol Pharmacother. 2011 Apr;2(2):125-7. PubMed PMID: 21772779. Pubmed Central PMCID: PMC3127345. Epub 2011/07/21. eng.

124. Chavda N, Kantharia ND, **Jaykaran**. Effects of fluoxetine and escitalopram on C-reactive protein in patients of depression. J Pharmacol Pharmacother. 2011 Jan;2(1):11-6. PubMed PMID: 21701640. Pubmed Central PMCID: PMC3117562. Epub 2011/06/28. eng.
125. **Jaykaran**, Yadav P, Kantharia ND. Ethics in animal experiments. Indian journal of medical ethics. 2012 Jan-Mar;9(1):70-1. PubMed PMID: 22319862. Epub 2012/02/11. eng.
126. **Jaykaran**, Chavda N, Yadav P. Proper Reporting of Statistical Parameters in Clinical Trials Published in Indian Medical Journals. Is Inclusion of Statistician Play any Significant Role? Journal of young pharmacists : JYP. 2011 Apr;3(2):167-8. PubMed PMID: 21731364. Pubmed Central PMCID: PMC3122048. Epub 2011/07/07. eng.
127. **Jaykaran**. Animal research: reporting in vivo experiments: New guideline for reporting animal research. J Pharm Negative Results. 2011;2(1):43-4.
128. **Jaykaran**. How to select appropriate statistical test? J Pharm Negative Results. 2010;1:61-3.
129. **Jaykaran**. Some commonly observed statistical errors in clinical trials published in Indian Medical Journals. J Pharm Negative Results. 2010;1(2):64-5.
130. **Jaykaran**, Chavda N, Yadav P, Kantharia ND. Intern doctors' feedback on teaching methodologies in pharmacology. J Pharmacol Pharmacother. 2010 Jul;1(2):114-6. PubMed PMID: 21350622. Pubmed Central PMCID: PMC3043338. Epub 2011/02/26. eng.

131. **Karan J**, Goyal JP, Bhardwaj P, Yadav P. Statistical reporting in Indian Pediatrics. Indian pediatrics. 2009 Sep;46(9):811-2. PubMed PMID: 19812429. Epub 2009/10/09. eng. **[Impact Factor – 1.46]**
132. **Jaykaran**, Yadav P, Chavda N, Kantharia ND. Survey of "instructions to authors" of Indian medical journals for reporting of ethics and authorship criteria. Indian journal of medical ethics. 2011 Jan-Mar;8(1):36-8. PubMed PMID: 22106597. Epub 2011/11/24. eng.
133. Jaiswal A, Bhavsar V, **Jaykaran**, Kantharia ND. Effect of antihypertensive therapy on cognitive functions of patients with hypertension. Annals of Indian Academy of Neurology. 2010 Jul;13(3):180-3. PubMed PMID: 21085527. Pubmed Central PMCID: PMC2981754. Epub 2010/11/19. eng. **[Impact Factor – 0.89]**
134. **Jaykaran**. How to increase response rate to a questionnaire study? Indian journal of pharmacology. 2011 Feb;43(1):93-4. PubMed PMID: 21455438. Pubmed Central PMCID: PMC3062139. Epub 2011/04/02. eng. **[Impact Factor – 1.2]**
135. **Jaykaran**. "Mean +/- SEM" or "Mean (SD)"? Indian journal of pharmacology. 2010 Oct;42(5):329. PubMed PMID: 21206631. Pubmed Central PMCID: PMC2959222. Epub 2011/01/06. eng. **[Impact Factor – 1.2]**
136. **Jaykaran** PY, Nilesh Chavda. Some frequently observed statistical errors in clinical trials: a short review. Journal of Pharmacy Research 2010;3(6):1367-70.
137. **Jaykaran** YP, Chavda N, Kantharia N. Some issue related to the reporting of statistics in clinical trials published in Indian medical journals: A Survey. Int J Pharmacol. 2010;6:354-9. **[Impact Factor – 0.75]**

138. Panwar A, **Jaykaran**, Chavda N, Saurabh M, Yadav P. Subacute toxicity study of an aqueous extract of *Ficus racemosa* Linn. bark in rats. *Journal of Pharmacy Research*. 2010;3(4).
139. Saurabh MK, **Jaykaran**, Chavda N, Yadav P, Kantharia N, Kumar L. Misuse of standard error of mean (SEM) when reporting variability of a sample: A critical appraisal of four Indian journals. *Journal of Pharmacy Research*. 2010;3(4).
140. **Jaykaran**. Saurabh M, Yadav P, Chavda N, Mody P. False positive clinical trials published in four Indian medical journals: a survey. *Journal of Pharmacy Research*. 2010;3(4).
141. Saurabh MK, Yadav AK, Jyoti N, **Jaykaran**. Study of prescribing pattern and assessment of rational use of drugs in tertiary hospital, Rajasthan. *Journal of Pharmacy Research*. 2010;3(3).
142. **Jaykaran**. Is cytochrome modulation the new frontier for decreasing the risk of cataract? *Indian journal of pharmacology*. 2009 Dec;41(6):289. PubMed PMID: 20407565. Pubmed Central PMCID: PMC2846507. Epub 2010/04/22. eng. **[Impact Factor – 1.2]**
143. **Jaykaran** G, Kantharia ND, Preeti Y, Bhaddwaj P, Goyal J. Reporting statistics in clinical trials published in Indian journals: a survey. *African health sciences*. 2010 Jun;10(2):204-7. PubMed PMID: 21326978. Pubmed Central PMCID: PMC2956292. Epub 2011/02/18. eng. **[Impact Factor – 0.84]**
144. **Mody P, Jaykaran**. Doctors criticise proposed changes to the undergraduate medical curriculum in India. *BMJ*. 2011 Feb 15;342:d1043. doi: 10.1136/bmj.d1043.

145. **Jaykaran**, Gohiya S, Gohiya V, Sharma G, Yadav P. Reporting of the methodological quality and ethical aspects in clinical trials published in Indian journals: a survey. *Journal of Pharmacy Research*. 2010;3(2).
146. **Jaykaran**, Gohiya S, Gohiya V, Sharma G. Reporting of Power, Sample Size and Confidence interval in negative clinical trials published in four Indian medical journals. *Journal of Pharmacy Research*. 2010;3(2).
147. **Jaykaran**, Sharma G, Jyoti N. Effect of amitriptyline on some cognitive functions of patients of depression. *Journal of Pharmacy Research*. 2010;3(2).
148. Deoghare S, **Jaykaran**, Yadav P, Kantharia N, Chavda N, Lokesh R. Drug Review on Cycloset. *Journal of Pharmacy Research*. 2010;3(2).
149. Manoj kumar saurabh, **Jaykaran**, Yadav P, Lokesh R, Deodhare S. Reporting of missing data in clinical trials published in four Indian journals-a Survey. *Journal of Pharmacy Research*. 2010;3(2).
150. **Jaykaran**. Surrogate end points and their role in clinical trial. *Indian journal of pharmacology*. 2009 Feb;41(1):54. PubMed PMID: 20177585. Pubmed Central PMCID: PMC2825018. Epub 2010/02/24. eng. **[Impact Factor – 1.2]**
151. **Bhardwaj P, Kosambia JK, Vikas KD, Jaykaran**. Chemoprophylaxis with doxycycline in suspected epidemic of leptospirosis during floods: does this really work. *Afr Health Sci* 2010;10:199-200.
152. **Jaykaran**. Still in search of a herbal medicine: Culprit is poor methodological quality of research. *Indian journal of pharmacology*. 2009 Apr;41(2):91. PubMed PMID: 20336226. Pubmed Central PMCID: PMC2841241. Epub 2010/03/26. eng. **[Impact Factor – 1.04]**

153. **Jaykaran** YP, Bhardwaj P, Goyal J. Problems in reporting of statistics: Comparison between journal related to basic science with journal related to clinical practice. Internet J Epidemiol. 2009;7:1.
154. **Jaykaran**, Bhardwaj P, Chavda N, Yadav P, Panwar A. Prescribing knowledge of intern doctors in India. The Internet Journal of Epidemiology 2008;7;1.
155. **Jaykaran**, P Yadav, P Bhardwaj, A Panwar, N Chavda. Perception of faculties regarding the stress in medical education – a qualitative study. The Internet Journal of Epidemiology, 2008;7:1.

Conference Abstracts

1. Godman B, Haque M, Islam S, Kamal Z, Kumar S, Charan J et al. Rapid assessment of possible price instability and shortages of medicines and equipment during the COVID-19 pandemic across Asia and the public health implications. 2020. Abstract from Federation of Infection Societies/Healthcare Infection Society International - 9/11/20 → 11/11/20
2. Jaykaran Charan, Ravindra Shukla, Nitin Vajpayee, Pankaj Bhardwaj, Sneha Ambwani. Association between consumption of Complementary and Alternative Medicines (CAM) and deterioration of kidney functions in patients of diabetes. Poster Presentation. The 7th International Congress on Lipid & Atherosclerosis (ICoLA 2018), **Seoul, South Korea**. 31st Sept to 1 Aug 2018.
3. Jaykaran Charan, Jatin V Dhanani, Maulik Sumantbhai Doshi, Tea Reljic , Athanasios Tsalatsanis, Ambuj Kumar. Drug approval in India does not match the disease burden: A cross-sectional study. 18th World Congress of Basic and Clinical Pharmacology (WCP 2018), **Kyoto, Japan**.
4. Summaiya Mulla, Sangita Rajdev, **Jaykaran Charan**. Emergence of Carbapenem, Colistin and Tigecycline Resistance in carbapenemase producing enterobacteriaceae isolated from tertiary care centre. Journal of Patient Safety and Infectious Control. 2015; 2: 27-118.

5. **Charan J**, Choudhari M, Jackson R, Mhaskar R, Reljic T, Kumar A. Methodological quality of negative versus positive studies. In: Evidence-Informed Public Health: Opportunities and Challenges. Abstracts of the 22nd Cochrane Colloquium; 2014 21-26 Sep; Hyderabad, India. John Wiley & Sons; 2014.
6. Charan J, Saxena D. A systematic review on use of antibiotics for treatment of leptospirosis: Insight into evidences. In: Joint Annual Conference of Indian Public Health Association & Indian Association of Preventive and Social Medicine-Gujarat Chapter; 17th March 2012; Ahmedabad, India
7. Chavda N, Kantharia N, **Charan J**. Effects of fluoxetine and escitalopram on C-reactive protein in patients of depression (POSTER): In 28th Annual conference of IPS (Gujarat Chapter) (January 2010) held at Pramukhswami Medical College, Karamsad.

Resource Person/Guest Lectures/Invited Faculty

1. Resource Faculty – Scientific Paper Writing Workshop- 29th -31st March 2017. Thimphu, Bhutan. Workshop sponsored by Bhutan Foundation.
2. As a representative of Indian Scientists - India Africa Health Science Meet – Organized by Ministry of Health and Family Welfare and Ministry of External Affairs – New Delhi – 1-3 September 2016
3. Resource Person – Preconference workshop- Annual National Conference of Indian Association of Surgical Oncology NATCON-IASO 2016 from 22nd to 25th September 2016, Jodhpur.
4. Guest Faculty – Selection of right journals. Research methodology workshop for faculty of AIIMS Jodhpur Sept 2016.
5. Resource Person – Research Methodology Workshop- NMOCON Jodhpur. 11-12 Feb 2017.
6. Resource Person – Problem Based Learning – Medical Education Orientation Workshop at AIIMS Jodhpur. 24th March 2017.
7. Resource Person –Protocol Design and Introduction to Evidence Based Medicine for PG and MPH Students- AIIMS Jodhpur- 06th – 7th & 10th April, 2017.

8. Resource Person – Introductory Course on ‘Evidence Based Medicine’ for Faculty All India Institute of Medical Sciences Jodhpur – 18 April 2017
9. Resource Person – Pre conference workshop- 1st Annual National Conference of Association for Medical Updates at Geetanjali Medical College, Udaipur, Rajasthan – 1st Sept 2017.
10. Resource Person – Workshop on Research Methodology and Scientific Writing. Gujarat Adani Institute of Medical Sciences, Bhuj. 4th Oct 2017.
11. Resource Person – 4th Annual Conference of Bhavnagar Medical Association, Bhavnagar, Gujarat. 14th to 18th December 2020.
12. Resource Person – Workshop on Epidemiology and Disease Modelling 29th April 2021, IIPH, Ahmedabad.

Session Chaired

1. Judge- Young Scientist Award - 1st Annual National Conference of Association for Medical Updates at Geetanjali Medical College, Udaipur, Rajasthan – 2st Sept 2017.

Conference/Workshop/Training organized

1. Introduction to Cochrane Systematic Reviews and Meta-analysis. AIIMS Jodhpur. 20th August 2016. [Organizing Secretary]
2. Grant writing workshop at Govt. Medical College, Surat. [Organizing Secretary]
3. Basic Medical Education Workshop at GMERS Medical College, Dharpur, Patan, Gujarat. [Organizing Committee Member]

Training/Workshop Attended

1. The 7th International Congress on Lipid & Atherosclerosis (ICoLA 2018), **Seoul, South Korea.** 31st Aug to 1 Sept 2018.

2. 18th World Congress of Basic and Clinical Pharmacology (WCP 2018), July 1- July 6. **Kyoto, Japan.**
3. International Congress of Diabetes Metabolism (ICDM 2018) – **Seoul, South Korea.** 11-13 Oct 2018.
4. **3.** 2019 Korean Society of Hematology International Conference & 60th Annual Meeting, **Seoul, South Korea,** 14-16 March 2019.
5. American Thoracic Society. Methods in Epidemiologic, Clinical and Operational Research (MECOR). India Course Level 1. 24-29th April 2017. Mahabalipuram, India.
6. Manuscript writing and publication ethics and Research Methodology. AIIMS Jodhpur. 20-21 Sept 2016.
7. Academic Teachers Training Course. LMU, Munich. Germany. 24th Oct to 6th Nov 2016.
8. Introduction to Cochrane Systematic Reviews and Meta-analysis. AIIMS Jodhpur. 20th August 2016.
9. Short term training program in Evidence Based Public Health. Tampa, Florida, USA. 10th May to 24th May 2015.
10. 22nd Cochrane Colloquium; 2014 21-26 Sep; Hyderabad, India
11. Research Methods: Conducting Randomized Controlled Trials and Case Control Studies. Jointly organized by University of South Florida, USA and Govt. Medical College, Surat. 5th Feb 2014.
12. Publication strategies and Role of Systematic Review and Meta-analysis in Healthcare. Jointly organized by University of South Florida, USA and Govt. Medical College, Surat. 8th April to 10th April 2013.
13. Multivariate Data-analysis. Workshop. Department of Business and Industrial management, Veer Narmad South Gujarat University, Surat. 8th May to 9th May 2012.
14. Joint Annual Conference of Indian Association of Preventive and Social Medicine and Indian Public Health Association (Gujarat Chapter). Indian Institute of Public Health, Gandhinagar. 17 March 2013.
Ethics in Health Research Workshop. Jointly organized by University of South Florida, USA and Govt. Medical College, Surat. 8th Feb to 9th Feb 2011.
15. Train the Trainer workshop on literature searching by Q Med Knowledge Foundation, Mumbai. Govt. Medical College, Surat. 24th -25th August 2011.

16. Annual Conference of Indian Pharmacological Society (Gujarat Chapter). Pramukh Swami Medical College, Karamsad. 24th January 2010.
17. Train the Trainer workshop on the Responsible Conduct of Research. Jointly organized by University of South Florida, USA and Govt. Medical College, Surat. 31st Jan to 3rd Feb 2012.
18. Business Statistics using SPSS. Department of Business and Industrial management, Veer Narmad South Gujarat University, Surat. 3rd March to 4th March 2012.
19. Integrated Teaching in Medical Education. Workshop. Govt. Medical College, Surat. 23rd July 2012.
20. Workshop on Orientation Research Methods and Grant Writing. Govt. Medical College, Surat. 8th April 2011.
21. Training of NVBDCP and New Malaria Guideline 2010. Govt. Medical College, Surat. 29th to 29th March 2011.
22. Basic course workshop- Medical education technologies. 27th Sept to 29th Sept 2010
23. Good clinical practice workshop- Govt Medical College, Bhavnagar. 27th June 2010.
24. DASH project workshop for medical teachers. Govt. Medical College, Surat. 21st March 2009.
25. Joint International Conference of The International Society for Heart Research (Indian section) and The International academy of cardiovascular science. Govt. Medical College, Surat. 13-15 December 2008.
26. 7th Annual Conference of Society of Pharmacovigilance, India. NIMS, Jaipur. Nov 23-25, 2007
27. Training – Revised National Tuberculosis Control Program. Govt. Medical College, Surat. Feb 2, 2007.
28. The Association of Physiologists and Pharmacologists of India. First APPI Ahmedabad Conference. Innovation in Medical Education. NHL Municipal Medical College, Ahmedabad. Sept 29, 2007
29. Biomedical Communications in the Cyberage. Workshop. Ahmedabad. March 8-10. 2007.
30. 4th Annual Conference of Association of Physiologist and Pharmacologists of India. Feb 4, 2006.
31. Annual Conference of Indian Pharmacological Society (Gujarat). BJ Medical College, Ahmedabad. 8 Oct 2006.

Editorial Board Member

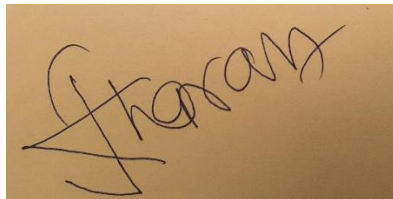
International Journal of Applied and Basic Medical Research (PubMed)

Reviewer (Funding Agency)

Indian Council of Medical Research (ICMR)

Reviewer (Journals)

BMJ, Indian Journal of Pharmacology, International Journal of Pharmacology, Journal of Pharmacy and Bioallied Science, Journal of Pharmacology and Pharmacotherapeutics, Journal of Postgraduate Medicine etc.

A handwritten signature in dark ink on a light brown background. The signature is stylized and appears to read "J. Harash".