

Mr. Hem Chandra Sati

Designation: Junior Statistician

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About

Mr. Hem Chandra Sati is an M.Sc. post graduate in Statistics with over 10 years of experience as Biostatistician and currently working as Junior Statistician at the All-India Institute of Medical Sciences (AIIMS), New Delhi. He has collaborated extensively with clinicians and researchers across multiple specialties, providing statistical support in terms of data analysis and interpretation of results. He is proficient in STATA, SPSS, and R, with expertise in advanced statistical methods for clinical and epidemiological research. His research collaborations have contributed to numerous peer-reviewed publications in national and international journals.

Publications

- 1: Sharma R, Marwaha RK, Arya AK, Paharia K, Saha A, Gupta P, Saini H, Sati HC. Establishment of normal serum androgen levels in healthy Indian adolescent school-going girls by liquid chromatography-tandem mass spectrometry (LC-MS/MS). *Endocrine*. 2026 May 29;91(1):195. doi: 10.1007/s12020-026-04668-7. PMID: 42213202.
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- 3: Yadav VS, Makker K, Haidrus R, Ali M, Dawar A, Pandey J, Sati HC, Khan MA. Does Retention of Periosteum at the Palatal Donor Site During Subepithelial Connective Tissue Graft Harvesting Influence Wound Healing and Morbidity? A Randomized Controlled Trial. *Int J Periodontics Restorative Dent*. 2025 Aug 19;0(0):1-27. doi: 10.11607/prd.7814. Epub ahead of print. PMID: 40829008.
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- 7: Rashid S, Singh N, Rashid S, Das P, Gupta S, Chauhan SS, Sati HC, Dash NR, Sharma A, Dey S, Saraya A. Clinical Significance of MUC4 and Associated Proteins in Pancreatic and Periampullary Cancers. *Pancreas*. 2024 Aug 1;53(7):e595-e602. doi: 10.1097/MPA.0000000000002340. Epub 2024 May 1. PMID: 38696350.
- 8: Gupta V, Taneja N, Sati HC, Sreenivas V, Ramam M. 'Substantial clinical benefit' and 'substantial clinical worsening' cutoff of Vitiligo Impact Scale (VIS)-22 change scores. *Br J Dermatol*. 2024 Jul 16;191(2):307-308. doi: 10.1093/bjd/ljae178. PMID: 38644793.
- 9: Grover I, Gunjan D, Singh N, Gopi S, Sati HC, Sachdev V, Saraya A. Kitchen-based diet versus commercial polymeric formulation in acute pancreatitis: a pilot randomized comparative study. *Eur J Clin Nutr*. 2024 Apr;78(4):328-334. doi: 10.1038/s41430-024-01400-4. Epub 2024 Jan 20. PMID: 38243059.
- 10: Yegurla J, Qamar S, Gopi S, Madhusudhan KS, Agarwal S, Sati HC, Mani K, Tandon N, Gunjan D, Saraya A. Opportunistic screening for osteopathy with routine abdominal computed tomography scan in chronic pancreatitis. *Pancreatology*. 2024 Feb;24(1):41-47. doi: 10.1016/j.pan.2023.11.011. Epub 2023 Nov 17. PMID: 38072684.
- 11: Dar PMUD, Mir N, Katiyar AK, Sati HC, Priyadarshini P, Alam J, Kumar S, Gupta A, Sagar S. Outcome predictors of patients who underwent limb amputation/s following trauma at a level I trauma center in North India. *Eur J Trauma Emerg Surg*. 2024 Feb;50(1):233-242. doi: 10.1007/s00068-023-02273-1. Epub 2023 May 26. PMID: 37233748.
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- 17: Gulati S, Misra A, Tiwari R, Sharma M, Pandey RM, Upadhyay AD, Chandra Sati H. Premeal almond load decreases postprandial glycaemia, adiposity and reversed prediabetes to normoglycemia: A randomized controlled trial. *Clin Nutr ESPEN.* 2023 Apr;54:12-22. doi: 10.1016/j.clnesp.2022.12.028. Epub 2022 Dec 29. PMID: 36963852.
- 18: Acharya P, Saha R, Quadri JA, Sarwar S, Khan MA, Sati HC, Gauniyal N, Shariff A, Swaroop S, Pathak P, Shalimar. Quantitative plasma proteomics identifies metallothioneins as a marker of acute-on-chronic liver failure associated acute kidney injury. *Front Immunol.* 2023 Jan 26;13:1041230. doi: 10.3389/fimmu.2022.1041230. PMID: 36776389; PMCID: PMC9909472.
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- 23: Garg A, Iyer H, Jindal V, Vashistha V, Ali A, Jain D, Tiwari P, Mittal S, Madan K, Hadda V, Guleria R, Sati HC, Mohan A. Prognostic factors for treatment response and survival outcomes after first-line management of Stage 4 non-small cell lung cancer: A real-world Indian perspective. *Lung India.* 2022 Mar-Apr;39(2):102-109. doi: 10.4103/lungindia.lungindia_408_21. PMID: 35259791; PMCID: PMC9053916.
- 24: Pangti R, Gupta S, Gupta P, Dixit A, Sati HC, Gupta S. Acceptability of artificial intelligence among Indian dermatologists. *Indian J Dermatol Venereol Leprol.* 2022 Mar-Apr;88(2):232-234. doi: 10.25259/IJDVL_210_2021. PMID: 35170270.
- 25: Ramakrishnan S, Ghatai N, Ahuja RS, Bhatt KN, Sati HC, Saxena A, Kothari SS. Efficacy and safety of propranolol in infants with heart failure due to moderate-to-large ventricular septal defect (VSD-PHF study) - A prospective randomized trial. *Ann Pediatr Cardiol.* 2021 Jul-Sep;14(3):331-340. doi: 10.4103/apc.APC_94_21. Epub 2021 Aug 11. PMID: 34667404; PMCID: PMC8457270.
- 26: Agarwal A, Pawar I, Singh S, Randev D, Sati HC. Validation of use of transverse acetabular ligament and mechanical angle guide device to orient the acetabular cup. *J Clin Orthop Trauma.* 2020 Oct;11(Suppl 5):S766-S771. doi: 10.1016/j.jcot.2020.07.034. Epub 2020 Aug 6. Erratum in: *J Clin Orthop Trauma.* 2021 Aug 05;21:101558. doi: 10.1016/j.jcot.2021.101558. PMID: 32999553; PMCID: PMC7503160.
- 27: Kaur C, Saini S, Pal I, Kumar P, Chandra Sati H, Jacob TG, Bhardwaj DN, Roy TS. Age-related changes in the number of cresyl-violet-stained, parvalbumin and NMDAR 2B expressing neurons in the human spiral ganglion. *Hear Res.* 2020 Mar 15;388:107883. doi: 10.1016/j.heares.2020.107883. Epub 2020 Jan 8. PMID: 31981822.
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- 29: Gupta N, Kumar R, Seth T, Garg B, Sati HC, Sharma A. Clinical significance of circulatory microRNA-203 in serum as novel potential diagnostic marker for multiple myeloma. *J Cancer Res Clin Oncol.* 2019 Jun;145(6):1601-1611. doi: 10.1007/s00432-019-02896-1. Epub 2019 Mar 19. PMID: 30891618; PMCID: PMC11810419.

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- 33: Gupta A, Khenduja P, Pandey RM, Sati HC, Sofi NY, Kapil U. Dietary Intake of Minerals, Vitamins, and Trace Elements Among Geriatric Population in India. *Biol Trace Elem Res*. 2017 Nov;180(1):28-38. doi: 10.1007/s12011-017-0972-8. Epub 2017 Mar 20. PMID: 28321633.
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- 35: Kapil U, Pandey RM, Goswami R, Sharma B, Sharma N, Ramakrishnan L, Singh G, Sareen N, Sati HC, Gupta A, Sofi NY. Prevalence of Vitamin D deficiency and associated risk factors among children residing at high altitude in Shimla district, Himachal Pradesh, India. *Indian J Endocrinol Metab*. 2017 Jan-Feb;21(1):178-183. doi: 10.4103/2230-8210.196031. PMID: 28217519; PMCID: PMC5240061.