

List of Publications (2020-2022)

Orthopedics

1. Agarwal S, Agarwal A, Singh S, Nandwani S. Covid 19 – A comprehensive review of myths and facts. *International Journal of Surgery and Medicine*. (2020); 6(6):66-73. doi: 10.5455/ijsm.covid-19- myths-facts.
2. Agarwal A, Kumar S, Mishra J, Deshmukh G. Leiomyoma in extremity of a male and review of literature. *Int J Med Rev CaseRep*. (2020); 4(8):18-24. doi: 10.5455 / IJMRCR.Leiomyoma-Extremity- Male-case-report.
3. Agarwal S, Singh D, Agarwal A, Sharma R, Singh S. Congenital Methemoglobinemia with Multiple Limb Anomalies in an 11-Year-Old Boy. *Clin Med Rev Case Rep*. (2020); 7:324. doi: 10.23937/2378- 3656/1410324.
4. Agarwal A, Agarwal S, Motiani P. Difficulties Encountered While Using PPE Kits and How to Overcome Them: An Indian Perspective. *Cureus*. (2020Nov) (23);12(11):e11652. doi: 10.7759/cureus.11652. PubMed PMID: 33251079; PubMed Central PMCID: PMC7686919.
5. Agarwal A. Henna (Mehndi) as radio-opaque marker for pediatric orthopaedic operations. *Int J Orthop Sci*. (2021); 7(1):178-181. doi:10.22271/ortho.2021.v7.i1c.2478.
6. Agarwal A, Agarwal S, Singh S, Nandwani S. Spina Ventosa: An often Missed Diagnosis. *J Glob Infect Dis*. (2021) Jan-Mar;13(1):36-37. doi: 10.4103/jgid.jgid_198_20. eCollection (Jan-Mar2021). PubMed PMID:33911451; PubMed Central PMCID: PMC8054796.
7. Sinha S, Sharma A, Gupta S, Agarwal A, Kanojia RK. Multiple Bony Deformities and Short Stature in a Child with Lamellar Ichthyosis, What more can we do? A Case Report. *J Orthop Case Rep*. (Jul 2021);11(7):49-52. doi: 10.13107/jocr.(2021).v11.i07.2312. PubMed PMID: 34790603; PubMed Central PMCID: PMC8576770.
8. Gupta S, Parihar A, Singh S, Agarwal A, Agarwal S. Pediatric Osteoarticular Tuberculosis as a Diagnostic Dilemma and a Review of Literature. *Cureus*. (2022 Mar);14(3):e23053. doi: 10.7759/cureus.23053. eCollection (2022 Mar). PubMed PMID: 35308187; PubMed Central PMCID: PMC8926030.

Pediatrics

9. Gupta P, Dabas A, Seth A, Bhatia VL, Khadgawat R, Kumar P, Balasubramanian S, Khadilkar V, Mallikarjuna HB, Godbole T, Krishnamurthy S, Goyal JP, Bhakhri BK, Ahmad A, Angadi K, Basavaraj GV, Parekh BJ, Kurpad A, Marwaha RK, Shah D, Munns C, Sachdev HPS. "Indian Academy of Pediatrics Revised (2021) Guidelines on Prevention and Treatment of Vitamin D Deficiency and Rickets." *Indian Pediatr*. (2022 Feb 15);59(2):142-158. (Impact Factor- 3.83).
10. Rai R, Singh DK, Bhakhri BK. "Transient hypothyroxinemia of prematurity and its risk factors in an extramural neonatal intensive care unit." *Arch Endocrinol Metab*. (2021 Nov 24);65(6):723-729. (Impact Factor- 2.31)

11. Nandwani S, Bhakhri BK, Singh N, Rai R, Singh DK. "Early hematological parameters as predictors for outcomes in children with dengue in northern India: A retrospective analysis." *Rev Soc Bras Med Trop.* (2021 Jan 29);54:e05192020. (Impact Factor- 1.52)
12. Goyal R, Bhakhri BK, Goyal JP, Lohiya N, Khadilkar V. "Appropriateness of Lower Waist Circumference Cutoffs for Predicting Derangement in Metabolic Parameters Among Asian Children and Adolescents: A Pilot Study." *Indian Pediatr.* (2021 Apr 15);58(4):392-394. (Impact Factor- 3.83).
13. Singh N, Chowdhury N, Pal S, Goyal JP, Bhakhri BK, Rao S. "Hyaline Vascular Type of Castleman Disease: Diagnostic Pitfalls on Cytology and Its Clinical Relevance." *Cureus.* (2021 Aug 14);13(8):e17174.(Impact Factor- 1.15).
14. Rai R, Singh DK, Bhakhri BK. "Hypothyroxinemia in sick term neonates and its risk factors in an extramural neonatal intensive care unit: a prospective cohort study." *Arch Endocrinol Metab.* (2022 Jun 2):2359-3997000000500. (Impact Factor- 2.31).
15. Bhakhri BK, Singh DK, Singh N, Rai R. "Does Malaria Co-Infection Alter the Clinical Course in Children Infected with Dengue? Analysis from 623 Indian Children Admitted with Dengue Infection." *J Trop Pediatr.* (2021 May 17);67(2) (Impact Factor- 1.79).
16. Umesh Shukla, Nita Radhakrishnan, Bhanu Kiran Bhakhri, Ravi Shankar, Sohini Ghosh, Vikas Jain, Dharmendra K Singh, Devendra K Gupta. "Children, comorbidities and COVID-19-What tilts the balance?" *Asian Journal of Medical Sciences* (2021) 12 (3), 10-13 (Impact Factor- 0.3).
17. Umesh Shukla, Bhanu Bhakhri, Satyam Arora, Mukul Jain, Vikas Jain, Seema Dua, Dharmendra Kumar Singh, Devendra Kumar Gupta. "Use of convalescent plasma for managing severe COVID- 19 infection in 2- month- old infant." *ISBT Science Series* (2021) 16 (1), 102-105 (Impact Factor- 1.0).
18. Bharadwaj, Madhavi, Vernika Tyagi, Aashima Dabas, and Sangeeta Yadav. "Quality of life and Disease Perceptions in Caregivers of Children with Congenital Adrenal Hyperplasia." *Medical Journal Armed Forces India*, (October 2021). <https://doi.org/10.1016/j.mjafi.2021.08.016>.
19. Dabas, Aashima, Shipra Agarwal, Vernika Tyagi, Shikha Sharma, Vandana Rastogi, Urmila Jhamb, and Pradeep Kumar Dabla. "Point of care Testing of Serum Electrolytes and Lactate in Sick Children."(2021) *EJIFCC* 32 (2): 158-66.
20. Dabas, Aashima, Vineet Dabas, Pradeep Kumar Dabla, Raman Kumar, Marwaha, Sangeeta Yadav, Madhavi Bharadwaj, Vernika Tyagi and Shipra Agarwal. "Daily versus Weekly Oral Vitamin D3 Therapy for Nutritional Rickets in Indian Children: A Randomized Controlled Open-Label Trial." *The British Journal of Nutrition*, (May2022), 1-23. <https://doi.org/10.1017/S0007114522001477>.
21. Dabla, Pradeep Kumar, Shikha Sharma, Aashima Dabas, Vernika Tyagi, Shipra Agarwal, Urmila Jhamb, Dennis Begos, Kamal Upreti, and Rashid Mir. "Ionized Blood Magnesium in Sick Children: An Overlooked Electrolyte." *Journal of Tropical Pediatrics* 68 (2):fmac022. (2022). <https://doi.org/10.1093/tropej/fmac022>.

22. Tyagi Vernika, Anika Agarwal, Devendra Mishra and Monica Juneja. "Status Dystonicus: A Rare Manifestation of Cerebral Palsy." *Indian Journal of Pediatrics* 87 (7): 563.(2020) <https://doi.org/10.1007/s12098-020-03206-1>.
23. Tyagi Vernika, Aashima Dabas, Sangeeta Yadav and Atul Mohan Kochhar. "Alopecia Areata in a Girl: A Conundrum of Endocrinopathies." *Indian Journal of Dermatology, Venereology and Leprology* 86 (3) (2020): 295-97. https://doi.org/10.4103/ijdv.IJDVL_22_19.
24. Maurya M, Badrinath S, **Singh DK**, Rai R. To study the incidence of anemia in HIV infected children on zidovudine-based highly active antiretroviral therapy regimen. *Indian J Sex Transm Dis AIDS*. 2020; 1: 135-36.
25. Rai S, Rai R, **Singh DK**, Nandwani S. Neonatal Salmonella Paratyphi b sepsis: a case report. *Journal of Neonatology* 2020; 34 (4): 241-2.
26. Nandwani S, Bhakhri BK, Singh N, Rai R, Singh DK. Early hematological parameters as predictors for outcomes in children with dengue in northern India: A retrospective analysis. *Rev Soc Bras Med Trop*. 2021 Jan 29;54:e05192020. doi: 10.1590/0037-8682-0519-2020. PMID: 33533817; PMCID: PMC7849329.
27. Bhakhri BK, Singh DK, Singh N, Rai R. Does Malaria Co-Infection Alter the Clinical Course in Children Infected with Dengue? Analysis from 623 Indian Children Admitted with Dengue Infection. *J Trop Pediatr*. 2021 May 17;67(2): fmab006.
28. **Rai R**, Singh DK. Care of the newborn. *In*: Gupta P, Joshi P, Dewan P, editors. *Essential Pediatric Nursing*. 5th ed. New Delhi: Jaypee Brothers; 2022.p 88-119.
29. **Rai R**, Singh DK. Examination of the abdomen. *In*: Gupta P editor. *Clinical methods in Pediatrics*. 5th ed. New Delhi: CBS Publishers; 2022.p 302-329.
30. [Shukla U](#), [Bhakhri BK](#), [Arora S](#), [Jain M](#), [Jain V](#), [Dua S](#), [Singh DK](#), [Gupta DK](#). Use of convalescent plasma for managing severe COVID-19 infection in 2-month-old infant. *ISBT* 09 January 2021. <https://doi.org/10.1111/voxs.12616>
31. Rai R, Singh DK, Bhakhri BK. Transient hypothyroxinemia of prematurity and its risk factors in an extramural neonatal intensive care unit. *Arch Endocrinol Metab*. 2021 Apr 27:2359-3997000000360. doi: 10.20945/2359-3997000000360. Epub ahead of print. PMID: 33909379.
32. Shukla U, Radhakrishnan N, Bhakhri BK, Shankar R, Ghosh S, Jain V, Singh DK, Gupta DK. Children, comorbidities and COVID-19-What tilts the balance? *Asian J Med Sci* 2021; 12(3), 10-13. <https://doi.org/10.3126/ajms.v12i3.32738>
33. Motiani P, Shukla U, Madan J, Bhakri B K, Singh D K, Jain D. Clinical Presentation and Outcomes of COVID-19 in Pediatric Age Group: An Observational Study of 93 Children from North India. *Int J Cur Res Rev*. 2nd Wave of COVID-19: Role of Social Awareness, Health and Technology Sector, June, 2021, 220-226, <http://dx.doi.org/10.31782/IJCRR.2021.SP270>.
34. Rai R, Singh DK, Bhakhri BK. Hypothyroxinemia in sick term neonates and its risk factors in an extramural neonatal intensive care unit: a prospective cohort study. *Arch Endocrinol Metab*.

Neonatology

35. Disturbances of temperature in newborns. *In:* Gupta P, editor. IAP Principles of Pediatric and Neonatal Emergencies. 4th ed. New Delhi: Jaypee Brothers; 2020. p. 770-777.
36. Maurya M, Badrinath S, Singh DK, **Rai R**. To study the incidence of anemia in HIV infected children on zidovudine-based highly active antiretroviral therapy regimen. *Indian J Sex Transm Dis AIDS*. 2020; 1: 135-36.
37. Rai S, **Rai R**, Singh DK, Nandwani S. Neonatal Salmonella Paratyphi b sepsis: a case report. *Journal of Neonatology* 2020; 34 (4): 241-2.
38. Nandwani S, Bhakhri BK, Singh N, Rai R, Singh DK. Early hematological parameters as predictors for outcomes in children with dengue in northern India: A retrospective analysis. *Rev Soc Bras Med Trop*. 2021 Jan 29;54:e05192020. doi: 10.1590/0037- 8682-0519-2020. PMID: 33533817; PMCID: PMC7849329.
39. Bhakhri BK, Singh DK, Singh N, Rai R. Does Malaria Co-Infection Alter the Clinical Course in Children Infected with Dengue? Analysis from 623 Indian Children Admitted with Dengue Infection. *J Trop Pediatr*. 2021 May 17;67(2): fmab006.
40. Anand P, Thukral A, Deorari AK; National Neonatology Forum Network. Dissemination of Best Practices in Preterm Care Through a Novel Mobile Phone-Based Interactive e-Learning Platform. *Indian J Pediatr*. 2021 Nov;88(11):1068-1074. doi: 10.1007/s12098-021-03689-6. Epub 2021 Mar 8. PMID: 33682022.
41. **Rai R**, Singh DK. Care of the newborn. *In:* Gupta P, Joshi P, Dewan P, editors. *Essential Pediatric Nursing*. 5th ed. New Delhi: Jaypee Brothers; 2022.p 88-119.
42. **Rai R**, Singh DK. Examination of the abdomen. *In:* Gupta P editor. *Clinical methods in Pediatrics*. 5th ed. New Delhi: CBS Publishers; 2022.p 302-329.
43. **Rai R**, Singh DK, Bhakhri BK. Transient hypothyroxinemia of prematurity and its risk factors in an extramural neonatal intensive care unit. *Arch Endocrinol Metab*. 2021 Apr 27:2359-3997000000360. doi: 10.20945/2359-3997000000360. Epub ahead of print. PMID: 33909379.
44. Bhardwaj A, **Rai R**. Impact of Pre-pregnancy Body Mass Index on Neonatal Outcome. *Iranian Journal of Neonatology*. 2021 Oct: 12(4).
45. Dwivedi N, Rai S, Sharma PK, **Rai R**. Hits and misses in treatment of ESCPM gram negative infections. *Indian J Med Microbiol*. 2022; 40(1):147-149.
46. Rai R, Singh DK, Bhakhri BK. Hypothyroxinemia in sick term neonates and its risk factors in an extramural neonatal intensive care unit: a prospective cohort study. *Arch Endocrinol Metab*. 2022 Jun 2:2359-3997000000500. doi: 10.20945/2359-3997000000500. Epub ahead of print. PMID: 35657132.

Ophthalmology

47. Jain, D., V. Verma, N. Parashar, S. Kumar, U. Kiran, A. Satija, and N. Tiwari. "A Study on the Willingness to Use Meditation for Maintaining Psychological Well-Being During the Covid-19 Pandemic." [In eng]. *Cureus* 14, no. 6 (Jun 2022): e25950. <https://doi.org/10.7759/cureus.25950>.
48. Dhua, A. K., D. Jain, P. Goel, V. Jain, D. K. Yadav, and M. Bajpai. "Analysis of Top Ten-Cited Articles Published in the Journal of Indian Association of Pediatric Surgeons over a 10-Year Period." [In eng]. *J Indian Assoc Pediatr Surg* 26, no. 1 (Jan-Feb 2021): 23-26. https://doi.org/10.4103/jiaps.JIAPS_201_19.
49. Jain Divya, Shukla Umesh, Madan Jyotsna, et al. "Epidemiological and Clinical Characterization of Covid-19 Patients: A Retrospective Observational Study of 245 Cases in a Government Teaching Institute of North India." *Indian Journal of Applied Research* 11, no. (2) (2021).
50. Motiani P, Shukla U, Madan J, Bhakri B K, Singh D K, Jain D. " Clinical Presentation and Outcomes of Covid-19 in Pediatric Age Group: An Observational Study of 93 Children from North India." *Int J Cur Res Rev.* 13(11) (2021): 220-26.
51. Sehgal M, Jain D, Goel P, Jain V, Yadav DK, Verma V, Dhua AK. An exploratory study on paediatric inguinal hernia Videos on the YouTube platform. Accepted in JIAPS.
52. Tripathy S, Nath D, Singh S, Madan J, Jain D. "Radiographic Imaging Covid-19: Negative Chest Radiograph in Majority Covid-19 Cases in a Dedicated Covid Care Centre of North India – A Indicator of Favourable Outcome. *J Radiol Med Imaging*:" 3(1); (2020): 1033.
53. D Jain. "Ocular Effects of Systemic Medications." *Delhi Journal of Ophthalmology* (2022): 87-92.
54. Jain, D, Ravishankar, V. " Ocular Manifestations Leading to a Diagnosis of Joubert Syndrome Related Disorder. *Nepalese Journal of Ophthalmology*." *14(1)* (2022): 173–77.

Pathology

55. S.Arora, Seema Dua, Nita Radhakrishnan, Devajit Nath, Jyotsna Madan, Savitri Singh. Autoimmune hemolytic anemia in children: Clinical presentation and treatment outcome. *Asian Journal of Transfusion Science* (Nov 2021) 15(2). 15:160-5.
56. Savitri Singh, Devajit Nath, Neema Tiwari. The Pediatric Fluid Cytology: A 2-year experience of a tertiary care pediatric center of North India. *Asian Journal of Medical Sciences.* (Feb 2021). Retrospective data analysis of 170 fluid cytology cases taken from departmental data archive of pediatric cases (0-18 years) from Jan 2018-Dec.
57. Sumit Gupta, Asmita Parihar, Savitri Singh, Ankur Agarwal, Sheetal Agarwal. Pediatric Osteoarticular Tuberculosis as a Diagnostic Dilemma and a Review of Literature *Cureus.* (March 2022). 14(3): e23053. DOI 10.7759/cureus.23053.

58. R. Shankar, Savitri Singh, N. Radhakrishnan, Manideepa Maji. Bleeding profile and QOL of children with inhibitor positive haemophilia. *Pediatric Hematology Oncology Journal*. (Dec 2021) 6(4):S13.
59. N. Radhakrishnan, R. Shankar, Savitri Singh, Manideepa Maji. Natural history of immune thrombocytopenia in 21st century. *Pediatric Hematology Oncology Journal*. (Dec 2021) 6(4):S16.
60. Ravi Shankar, Nita Radhakrishnan, Savitri Singh. Griscelli Syndrome type 2 with deletion of entire RAB27A gene- *Indian Journal of Case Report*. (Dec 2020).
61. Nita Radhakrishnan, Ravi Shankar, Savitri Singh, Autoimmune hemolytic Anemia in Children: clinical presentation and ft. outcome. *Asian Journal of Transfusion Science, et. Al* (Under review).
62. Savitri Singh Devajit Nath, Neema Tiwari. Fluid Cytology an audit of two years with emphasis on pediatric CSF cytology. *AJMS* (Accepted). (Nov 2020).
63. Nita Radhakrishnan, Neema Tiwari, Savitri Singh, Jyotsna Madan, Devajit Nath, Usha Bindal, Ravi Shankar, Hemophgocytosis A small yet relevant bone marrow aspirate finding: Experience of a tertiary care pediatric center in INDIA. *AJMS* (Accepted). (Sep 2020).
64. Sangeeta Tripathy, Devajit Nath, Savitri Singh, Jyotsna Madan, Divya Jain. Radiographic Imaging of Covid-19: Negative Chest Radiography in Majority of COVID-19 Cases in a Dedicated Covid care centre of North India- A Indicator of Favourable Outcome. *Journal of Radiology and Medical Imaging*. (Sep 2020).
65. Devajit Nath, Ujjwal Madan, Savitri Singh, Neema Tiwari, Jyotsna Madan, Renu Agarwal. CBC Parameters and Morphological attractions in Peripheral Blood Cell in Covid-19 patients: Their significance and correlation with clinical course. ID JPTM-2020-0163 *Journals of Pathology and Translational Medicine as co-author (3rd) order*. (31st July 2020).
66. Ankur Agarwal, Sheetal Sharma, Savitri Singh, Sumi Nandwani. Spine Ventosa: An often missed diagnosis and review of literature. *Journal of Global Infections disease (Puboned. Wotters. K/c we medknow) JGID*.
67. Nita Radhakrishnan, Ravi Shankar, Savitri Singh, Megha Rana. Taking on a pandemic challenge emergent solutions from a single Hemophilia treatment center in North India. *Transfusion and apheresis science TRASC (PubMed) Accepted on 19th Oct 2020*. Impact 1.29.
68. Sheetal Agarwal, Ankur Agarwal, Savitri Singh, Sumi Nandwani. Covid-19- A Comprehensive review of Myths and facts. *Infections Disease Review Article- International journal of Surgery and Medicine* (2020).6(6):66-73.
69. Sheetal Dharmendra Singh, Ankul, Riddima, Savitri Singh. Congenital methemoglobinemia with multiple limb anomalies in an 11 years old boy. *Clinical Medical review and case Report*. (Nov 2020).
70. Neema T., Devajit Nath, J. Madan, Savitri Singh. The Neutrophil Lymphocyte Ratio (NLR). Platelet Lymphocyte Ratio (PLR) and routine hematological parameter of covid-19 patient:

Aperspective of the Indian Scenario from a frontline pilot study of 32 Covid-19 cases in a tertiary care Institute of North India (June 2020) preprint. DOI: 10.2196/preprint.20935.

71. Madan Ujjwal, Himani Bhasin, Pooja Dewan, and Jyotsna Madan. "Improving Ineffective Erythropoiesis in Thalassemia: A Hope on the Horizon " (2021) *Cureus* 13, no 10.
72. Radhakrishnan, Nita, Savitri Singh, Ravi Shankar, Manideepa Maji, Shruti Saxena, Jyotsna Madan, Devajit Nath, and Megha Rana. " Natural history of immune thrombocytopenia in 21st century " *Pediatric Hematology Oncology Journal* 6, no. 4 (2021): S16.
73. Arora, Satyam, Seema Dua, Nita Radhakrishnan, Savitri Singh, Jyotsna Madan, and Devajit Nath. " Autoimmune hemolytic anemia in children: Clinical presentation and treatment outcome " *Asian Journal of Transfusion Science* 15, no. 2 (2021): 160.
74. Radhakrishnan, Nita, Neema Tiwari, Savitri Singh, Jyotsna Madan, Devajit Nath, Usha Bindal, and Ravi Shankar. " ‘Hemophagocytosis’ a small yet relevant bone marrow aspirate finding: experience of a tertiary care pediatric centre in India " *Asian Journal of Medical Sciences* 12, no.1 (2021): 75-80.
75. Tiwari, Neema, Devajit Nath, Jyotsna Madan, Savitri Singh, Manish Girhotra, and Abhishek Gupta. "Cytological Diagnosis of Giant Cell Lesions in Infants-A Red Herring." *Orthopedics and Rheumatology Open Access Journals* 16, no. 4 (2020): 82-86.
76. Radhakrishnan, Nita, Ravi Shankar, Savitri Singh, Jyotsna Madan, Devajit Nath, Anjali Tiwari, Ankur Agarwal, Usha Kiran, and A. B. Singh. "Experience of setting up a hemophilia treatment center in North India." In *HAEMOPHILIA*, vol. 26, pp. 90-91. 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY, 2020.
77. Tiwari, Neema, Devajit Nath, Jyotsna Madan, Prashant Bajpai, Ujjwal Madan, and Savitri Singh. "Novel insights into the hematological parameter abnormalities in pediatric COVID-19 cases: observation from a preliminary study of 11 pediatric COVID-19 cases in a tertiary care center of north India." *Saudi J Pathol Microbiol* 5, no. 05 (2020): 276-28.
78. Radhakrishnan, Nita, Savitri Singh, Devajit Nath, and Jyotsna Madan. "CLINICAL CASE letter." *Indian Pediatr* 57 (2020): 570-571.
79. Tiwari, Neema, Devajit Nath, Jyotsna Madan, Prashant Bajpai, Ujjwal Madan, and Savitri Singh. "Novel insights into the hematological parameter abnormalities in pediatric COVID-19 cases: observation from a preliminary study of 11 pediatric COVID-19 cases in a tertiary care center of north India." *Saudi J Pathol Microbiol* 5, no. 05 (2020): 276-28.
80. Tiwari, Neema, Devajit Nath, Jyotsna Madan, Savitri Singh, Prashant Bajpai, and Ujjwal Madan. "The Neutrophil Lymphocyte Ratio (NLR), Platelet Lymphocyte Ratio (PLR) and routine hematological parameters of COVID-19 Patient: A perspective of the Indian scenario from a frontline pilot study of 32 COVID-19 cases in a Tertiary Care Institute of North India." *medRxiv* (2020).
81. Nath, Devajit, Ujjwal Madan, Savitri Singh, Neema Tiwari, Jyotsna Madan, and Renu Agrawal. "CBC parameters and morphological alterations in peripheral blood cells in COVID-19 patients: Their significance and correlation with clinical

course." International Journal of Health and Clinical Research 3, no. 10 (2020): 95-108.

- 82.** Singh, Savitri, Jyotsna Madan, Devajit Nath, and Neema Tiwari. "Peripheral blood smear morphology-A red flag in COVID-19." *Int J Trop Dis Health* 41, no. 8 (2020): 54-58.

Anesthesia

- 83.** Motiani P., Ahmed Z., Sharma P.K., Gupta A et. al. Current practice and attitudes regarding the perioperative use of cuffed tracheal tubes for pediatric and neonatal tracheal intubation. A survey based evaluation among Indian anesthesiologists. *Indian Anaesth Forum.* (2021);(22):26-34.
- 84.** Agarwal A, Agarwal S, Motiani P. Difficulties encountered while using PPE Kits and how to overcome them: An Indian perspective *Cureus.* 2020 Nov 23;12(11): e11652. DOI: 10.7759/cureus.11652. PMID: 33521079; PMC7686919. (impact factor: 1.15).
- 85.** Motiani P, Chhabra V, Ahmad Z, et al. Risk recognition and multidisciplinary approach for non-cardiac surgeries in paediatric cardiac patients: *A Retrospective Observational Study.* (Dec 11,2020) *Cureus* 12(12): e12030. DOI:10.7759/cureus.12030. (impact factor: 1.15).
- 86.** Jain D, Shukla U, Madan J, Bhakhri BK, Gupta D.K, Motiani P.et al. Epidemiological and clinical characterization of Covid-19 patients: A Retrospective observational study of 245 cases in a Government teaching Institute of North India. (Feb 2021) *Indian Journal of Applied Research:* volume-11, issue-02, Print ISSN no 2249-55x DOI: 10.36106/ijar.
- 87.** Motiani P, Shukla U, Madan J, Bhakhri BK, Singh DK, Jain D. Clinical presentation and Outcome of Covid-19 in Pediatric Age Group: An Observational Study of 93 Children from North India. (June 2021) *Int J Cur Res Rev.* 2nd wave of Covid-19: Role of Social Awareness, Health and Technology Sector, 220-226, <http://dx.doi.org/10.31782/IJCRR.2021.SP270>.
- 88.** Chhabra V, Jain M.J, Motiani P, et al. Perioperative management of Button Battery foreign bodies in the pediatric aerodigestive tract- A case series and review of literature. (Apr 2021) *Journal of Clinical and Diagnostic Research.* Vol-15(4): UR01-UR03, DOI: 10.7860/JCDR/2021/47898.14732.
- 89.** Bothra Meenakshi, Motiani Poonam, Ahmad Zainab. Evaluation of quality of abstracts of randomized controlled trials on procedural sedation in children after publication of CONSORT guidelines for abstracts. (11 Jan 2022) *Journal of Anaesthesiology Clinical Pharmacology:* Vol-Issue. DOI: 10.4103/joacp.JOACP_514_20. (impact factor: 0.869).

Transfusion Medicine

- 90.** Arora, S., Dua, S., & Goel, R. Neonatal and pediatric transfusion practices and policies in India: A survey-based cross-sectional assessment of blood centers. *Transfusion,* (2022) 62(5), 1000–1009. <https://doi.org/10.1111/trf.16857>. (impact factor: 3.37)
- 91.** Bisht A, Marwaha N, Arora S, Patidar GK, Chhabra R. National blood donor vigilance programme of India: Analysis of donor adverse reactions reported during initial 2 years of implementation (2016 -2017). *Asian J Transfus Sci.* 2021 Jan-Jun;15(1):1-11 doi:

10.4103/ajts.ajts_195_20. Epub 2021 Jun 12. PMID: 34349450; PMCID: PMC8294431. (impact factor: 0.662)

- 92.** Shaw B, Wood E, McQuilten Z, Callum J, Romon I, Sanroma P, Garcia D, Crispin PJ, Castilho L, Kutner JM, Yokoyama APH, Bravo A, Sanchez EF, Maldonado Silva K, Arora S et al. International Forum on Home-Based Blood Transfusion: Summary. *Vox Sang.* 2021 Oct 25. doi: 10.1111/vox.13200. Epub ahead of print. PMID: 34697808. (impact factor: 2.347)
- 93.** Shaw B, Wood E, McQuilten Z, Callum J, Romon I, Sanroma P, Garcia D, Crispin P, Castilho L, Kutner JM, Yokoyama APH, Bravo A, Sanchez EF, Silva KM, Arora S et al. International Forum on Home-Based Blood Transfusion: Responses. *Vox Sang.* 2021 Oct 25. doi: 10.1111/vox.13199. Epub ahead of print. PMID: 34697811. (impact factor: 2.347)
- 94.** Arora S, Dua S, Radhakrishnan N, Singh S, Madan J, Nath D. Autoimmune hemolytic anemia in children: Clinical presentation and treatment outcome. *Asian J Transfus Sci* 2021;15:160-5. (impact factor: 0.662)
- 95.** Goel R, Bloch EM, Pirenne F, Al-Riyami Arwa, Crowe E, Dau L, Land K, Townsend M, Jecko T, Rahimi-Levene N, Patidar P, Arora S et al. ABO blood group and COVID- 19: a review on behalf of the ISBT COVID- 19 working group. <https://doi.org/10.1111/vox.13076>. *Vox Sanguinis* 2021. (impact factor: 2.347)
- 96.** Nayak K, Gottimukkala K, Kumar S, Reddy ES, Edara VV, Kauffman R, Floyd K, Mantus G, Savargaonkar D, Goel PK, Arora S. et al. Characterization of neutralizing versus binding antibodies and memory B cells in COVID-19 recovered individuals from India. *Virology.* (Mar 2021) 5;558:13-21. doi: 10.1016/j.virol.2021.02.002. Epub ahead of print. PMID: 33706207; PMCID: PMC7934698. (impact factor: 3.616)
- 97.** Wendel S, Land K, Devine DV, Daly J, Bazin R, Tiberghien P, Lee CK, Arora S, Patidar GK, Khillan K, Smid WM, Vrieling H, Oreh A, Al-Riyami AZ, Hindawi S, Vermeulen M, Louw V, Burnouf T, Bloch EM, Goel R, Townsend M, So-Osman C. Lessons learned in the collection of convalescent plasma during the COVID-19 pandemic. *Vox Sang.* 2021 Mar 27. doi: 10.1111/vox.13096. Epub ahead of print. PMID: 33772791. (impact factor: 2.347)
- 98.** Al-Riyami AZ, Masser B, Herczenik E, Arora S, Boateng LA, Dinardo CL, Hutchinson T, Ji Y, Langi Sasongko S, Tung JP, Panchatcharam SM; ISBT Young Professional Council. Psychological impact of the COVID-19 pandemic on young professionals in blood banks and transfusion services: A global cross-sectional survey. *Vox Sang.* 2022 Jan 12. doi: 10.1111/vox.13236. Epub ahead of print. PMID: 35023178. (impact factor: 2.347)
- 99.** Chauhan N, Chahar AS, Dua S, Mohan Y, Arora S, Agrawal A, et al. Comparison of indigenous enzyme- linked immunosorbent assay and chemiluminescent immunoassays for screening for immunoglobulin G antibodies against SARS- CoV- 2 in India. *Glob J Transfus Med* 2021; 6:224-7.
- 100.** Basavarajegowda A, Bajpai M, Arora S, Maheshwari A, Dua S, Sahoo D. Survey based cross-sectional study to analyse the variation of practices at blood centres during COVID-19 pandemic in India. *Transfus Apher Sci.* 2021 Apr 14:103131. doi: 10.1016/j.transci.2021.103131. Epub ahead of print. PMID: 33865716. (impact factor: 2.596)
- 101.** Shukla, Umesh, Bhanu Bhakhri, Satyam Arora, Mukul Jain, Vikas Jain, Seema Dua, Dharmendra Kumar Singh, and Devendra Kumar Gupta. " Use of convalescent plasma

for managing severe COVID- 19 infection in 2- month- old infant & quot; ISBT Science Series 16, no. 1 (2021): 102-105.

- 102.** Shankar R, Radhakrishnan N, Dua S, Arora S, Rana M, Sahu DK, Rai S, Gupta DK. Convalescent plasma to aid in recovery of COVID-19 pneumonia in a child with acute lymphoblastic leukemia. *Transfus Apher Sci.* 2020 Sep 24;102956. doi: 10.1016/j.transci.2020.102956. Epub ahead of print. PMID: 32994125. (impact factor: 2.596)
- 103.** Agarwal A, Mukherjee A, Kumar G, Chatterjee P, Bhatnagar T, Malhotra P; PLACID Trial Collaborators. Convalescent plasma in the management of moderate covid-19 in adults in India: open label phase II multicentre randomised controlled trial (PLACID Trial). *BMJ.* 2020 Oct 22;371:m3939. doi: 10.1136/bmj.m3939. (impact factor: 93.33)
- 104.** Dhiman Y, Patidar GK, Arora S. Covid-19 pandemic response to challenges by blood transfusion services in India: a review report. *ISBT Science Series* (2020) 0, 1-9. DOI: 10.1111/voxs.12563.
- 105.** Arora S, Al-Riyami AZ, Hutchinson T, Cecile Toly-Ndour, Tung JP, Ji Y, Uyogya S. Young Professional Council with the International Society of Blood Transfusion. *Global J Transfusion Med AATM* Jan-Jun, 2020;1:104-107.

Microbiology

- 106.** Sumi Nandwani Bhanu Kiran Bhakhri, Nupur Singh, Ruchi Rai and Dharmender Kumar Singh. "Usefulness of specific hematological parameters at presentation for predicting outcomes in children admitted with dengue . Analysis from 613 Indian children, relevant to resource limited facilities." *Revista da Sociedade Brasileira de Medicina Tropical . Journal of the Brazilian Society of Tropical Medicine .* (2021) Vol.:54. e05192020. (Impact factor 1.44)
- 107.** Ankur Agarwal, Sheetal Agarwal, Savitri Singh, Sumi Nandwani. "Spina Ventosa-An Often Missed Diagnosis and Review of Literature." *J Global Infect Dis.* 13(1). (2021). 36-37 Published online PMID: PMC8054796, PMID 33911451 (Impact factor 0.89).
- 108.** Sumit Rai, Ruchi Rai, D. K. Singh, Sumi Nandwani. "Neonatal Salmonella Paratyphi B Sepsis: A Case Report". *Journal of Neonatology* (2021) 1–2. (Impact factor 4.035).
- 109.** Sheetal Agarwal, Ankur Agarwal, Savitri Singh, Sumi Nandwani. "Covid19–A comprehensive Review of Myths and Facts." *International Journal of Surgery and Medicine.* (2020);6(6) :66-73.(Impact factor 1.27)
- 110.** Ramesh Kumar, Sumi Nandwani, Suman, Samander Kaushik.. "Green synthesized Allium cepa nanoparticles with enhanced antiprotozoal activities for E gingivalis.." (2020) *Chem. Biol. Lett.*,7(4), 247-250. (Impact factor 4.4)
- 111.** Perween N, Rai S, Nandwani S et al. "Retrospective Analysis of Urinary Tract Infection in Pediatric Population at a Tertiary Care Centre." (2022) *Cureus.*14(5) e 24796. (Pub med indexed)
- 112.** Accepted for publication: 'Impact of Interventions on Knowledge, Attitude, and Practices related to Bio-Medical Waste Management for Covid – 19 in Non-Health Care settings – A Community Based online study in India. Kashvi Sahjwani, J anashee Punjabi, Raghav

ENT

- 113.** Cytological diagnosis of Giant cell Lesions in Infants-A Red Herring. *Orthopaedics and Rheumatology Open access journal*, (July 2020) 16(4):36-39. Impact factor 0.712
- 114.** Covid-19 Medical Perspective *Indian Journal of Pharmacy Practice*, (2020) Special Bulletin Covid issue.
- 115.** Perioperative Management of “Button Battery” foreign bodies in the paediatric Aerodigestive tract – A case series and review of literature. *Journal of Diagnostic Research*. April 202. Vol 15(4).
- 116.** Sinonasal Minor Salivary Gland Carcinoma-Our Experience. *IOSR Journal of Dental & Medical Sciences*, (Sep 2021). Vol-20; issue-9.
- 117.** Comparative Study of Crescentic Cartilage and Anterior tucking Tympanoplasty. *Otolaryngology Open Access Journal*. (Oct 2021); Vol-06; issue-2.

Radiology

- 118.** S. Tripathy, D. Nath, S. Singh, J. Madan, D. Jain. “Radiographic imaging of Covid-19; Negative chest Radiograph in majority of Covid-19 cases in a dedicated Covid care center of North India- An indicator of Favourable outcome.” (18 Sep 2020); *Journal of Radio & Medical Imaging*, 3(1), 1033, p-240.
- 119.** S. Tripathy, S. Shukla, D. Nath, “Radiographic imaging of Covid-19 pediatric cases- in chest x-ray dependable in diagnosing Covid-19 in children-An experience of a tertiary care pediatric center of North India”.(2 Nov 2020) *Journal of Radio & Medical Imaging*, 3(1), 1035.
- 120.** S. Tripathy, “Clinico- Radiologic characteristics & diagnosis of Gall stones in Children in a tertiary care hospital”. Sent of Publication on 04/08/2022 to *The Antiseptic National Journal*.

Research facility

- 121.** Neetu Singh N, Dinesh Kumar Sahu, Ratnesh Kumar Tripathi, Archana Mishra, Hari Shyam, Pratap Shankar, Mayank Jain, Nawazish Alam, Anil Kumar Devendra Kumar Gupta, Madan Lal Brahma Bhatt and Ravi Kant. Differentially expressed full-length, fusion and novel isoforms transcripts-based signature of well-differentiated Keratinized oral squamous cell carcinoma. (2020). *Oncotarget*, Vol. 11, (No. 34), pp: 3227-3243, DOI: <https://doi.org/10.18632/oncotarget.27693>. Equal First Author Contribution. (Impact factor: 5.168).
- 122.** Neetu Singh, Archana Mishra, Dinesh Kumar Sahu, Mayank Jain, Hari Shyam, Ratnesh Kumar Tripathi, Pratap Shankar, Anil Kumar, Nawazish Alam, Riddhi Jaiswal, Shailendra Kumar. Comprehensive Characterization of Stage IIIA Non-Small Cell Lung Carcinoma. (2020). Volume: 12 Pages: 11973 DOI: 10.2147/CMAR.S279974. Cancer management and research (Impact factor: 3.0).

- 123.** Archana Mishra, Neetu Singh, Hari Shyam, Mayank Jain, Dinesh Kumar Sahu, Pratap Shankar, Nawazish Alam, Anil Kumar, Riddhi Jaiswal, Shailendra Kumar. Differential expression profiling of transcripts of IDH1, CEA, Cyfra21-1, and TPA in stage IIIa non-small cell lung cancer (NSCLC) of smokers and non-smokers cases with air quality index. (2021). Volume 766 Pages 145151, DOI: 10.1016/j.gene.2020.145151. Gene (Impact factor: 3.9).
- 124.** Ravi Shankar, Nita Radhakrishnan, Seema Dua, Satyam Arora, Megha Rana, Dinesh Kumar Sahu, Sumit Rai, Devendra Kumar Gupta. Convalescent plasma to aid in recovery of COVID-19 pneumonia in a child with acute lymphoblastic leukemia. (2021). Pages 102956 DOI: 60(1):102956. 10.1016/j.transci.2020.102956, Journal Transfusion and Apheresis Science (Impact factor: 1.38).
- 125.** Poonam Motiani, P K Sharma, Arpita Gupta, Mukal k jain, D K Sahu. Current practice and attitudes regarding the perioperative use of cuffed tracheal tubes for periatric and neonatal tracheal intubation: a servay based evaluation among indian anesthesiologies. (2021) The indian Anaesthetists forum. The Indian Anaesthetists Forum 22 (1), 26.
- 126.** Mukul Kumar Singh, Mayank Jain, Hari Shyam, Dinesh Kumar Sahu, Archana Mishra, Pratap Shankar, Shailendra Kumar, vishwajeet singh. Association of severity and mortality of Covid-19 cases among acute kidney injury and sexual dimorphism" Molecular Biology Report; DoI (10.1007/s11033-022-07308-1) (Impact factor: 3.0).
- 127.** Neetu Singh; Nawazish Alam; Dinesh K. Sahu; Ratnesh K. Tripathi; Mayank Jain; Pratap Shankar; Hari Shyam; Archana Mishra; Anil Kumar; Uma S. Singh; Anil Chandra; Chhitij Srivastava; Bal K. Ojha; Devendra K. Gupta; Ravi Kant; Bipin Puri. Comprehensive coding and antisense-transcript based characterization of Indian medulloblastoma a prÃ©cised approach. Accepted on Annals of Clinical Case Reports. (Impact factor: 1.9).
- 128.** Dinesh Kumar Sahu, Neetu Singh, Mumani Das, Jiledar Rawat, Devendra Kumar Gupta. Differential expression profiling of onco and tumour suppressor genes from major signaling pathways in Wilms' tumour cases. Accepted on Pediatric Surgery International (Impact factor: 2.0).
- 129.** S K, Pradhan Dinesh Kumar Sahu, NR Singh, U Kumar and H N Thatoi (2022) Unveiling of metal-tolerance bacterial consortia in chromite mine by metagenomic approaches. Research Square (Communicated in Scientific Report).
- 130.** Dinesh Kumar Sahu, Neetu Singh, Jiledar Rawat, Ajai Singh, Devendra Kumar Gupta. Expression profiling of genes associated with syndrome in Wilms' tumor cases. Under Consideration on Indian Journal of Medical Sciences (Impact factor: 5.47).