

## **DR. RANGANATHAN N IYER**

### **RESEARCH PUBLICATIONS**

1. Iyer R, Menon M. Evaluation of various modalities for the diagnosis of tuberculosis in body fluids. *Indian J Pathol Microbiol* 1999;42(4): 433-439.
2. Menon M Iyer R. Evaluation of various modalities for the diagnosis of HCV infection in a healthy blood donor population. *Indian J Pathol Microbiol* 2002;45(4): 421-424
3. Ranganathan S, Iyer R. How close are we to safe blood transfusion- an insight into HBV infection. *In J Haematol Blood Transfus* 2007;33: 29-31.
4. Screening practices for HBV & HCV infections in blood donors. *J Gen Med* 2008; 20( 2): 13-16
5. Iyer R.N. Cyclosporiasis in an infant. *Ind J Med Microbiol* 2006;24(2): 144-145
6. Iyer R.N Hittinahalli V. Modified PAP methodto detect heteroresistance to vancomycin among Methicillin resistant Staphylococcus aureus isolates at a tertiary care hospital. *Ind J Med Microbiol* 2008; 26(2): 176-9
7. Iyer R.N. D Kapoor. Diagnosis of Spontaneous Bacterial Peritonitis: Role of Tween 80 and Triton X in ascitic fluid cultures/ *Ind J Med Microbiol* 2009;27(2): 159-161.
8. B.N. Chaudhuri, C. Rodrigues, V. Balaji, R. Iyer, U. Sekar, Chand Wattal, DS Chitnis, TN Dhole, Sangeeta Joshi. Incidence of ESBL producers amongst Gram Negative Bacilli isolated from intra- abdominal infections across India ( Based on SMART Study 2007 data). *J Assoc Phys India* 2011;59: 1-6.
9. Antibiogram of S. enterica serovar Typhi and S. enterica serovar Paratyphi A: a multi-centre study from India WHO *South-East Asia Journal of Public Health* 2012;1(2):182-188 *Indian Network for Surveillance of Antimicrobial Resistance Group( INSAR)*
10. C. Rosy, Nikhil Oomen George, Kamaraju S. Ratnakar, Ranganathan N Iyer, Venkataraman Sritharan. Heterogeneity in Fem A in the Indian isolates of Staphylococcus aureus limits its usefulness as a species specific marker *Advances in Infectious Diseases* 2012;2: 82-88
11. R.N. Iyer, A.K. Reddy, S. Gande, A, Ayiangular. Evaluation of different culture methods for the diagnosis of peritonitis in patients on continuous ambulatory peritoneal dialysis. *Clin Microbiol Infect* 2014; 20:294-296
12. R.N. Iyer, Rao J, Venkatalaskmi A, Nahdi FB. Clinical and Microbiology profile and Outcome of Diarrhoea by coccidian parasites in Immunocompetent Children. *Paediatr Inf Dis J Sept2015*; 34(9): 937-939
13. Rabindran, Parakh H, RN Iyer, Rao JR . Study of causative agents and their susceptibility pattern in sepsis in young infants below 3 months of age. *Int J Med Res Rev2015*;3: 321-28
14. Chakrabarti A, Sood P, Rudramurthy S, Chen S, Kaur H, Kapoor M, Chhina D et al. Incidence, characteristics and outcome of ICU acquired candidemia in India. *Int Care Med; 2015 Feb 41(2):285-295*
15. Sirisharani S, Manikyam A, Anand Kumar K, R Iyer. Spectrum of systemic bacterial infections during febrile neutropenia in paediatric oncology patients in a tertiary care paediatric centre. *Indian J Cancer* 2014;51( 4): 403-5
16. Anand Manoharan, Vikas Manchanda, Sundaram Balasubramanian, Sanjay Lalwani, Meera Modak, Sushama Bai, Ajith Vijayan, Anita Shet, Savitha Nagaraj, Sunil Karande, Gita Nataraj, Vijay N Yewale, Shrikrishna A Joshi, Ranganathan N Iyer, Mathuram Santosham, Geoff rey D Kahn, Maria Deloria Knoll, for the Alliance for

- Surveillance of Invasive Pneumococci (ASIP) Study Group\*. Invasive pneumococcal disease in children aged less than 5 years in India: A surveillance study . *Lancet Infectious Diseases Dec 2017 ; 17(3): 305-312*
17. R Chikkala, K Deepika, R Iyer Ratnakar KS, Sritharan V . Panton Valentine Leukocidin( PVL) and thermonuclease ( NUC) profile in clinical isolates of S. aureus and an assessment of impact of variations in nucleotide sequences of fem A, B and X genes.  
*In J Medical & Health Res 2018; 4(2) : 114-119*
18. Rabindran, Parakh H, Iyer RN, Rao JR. Study of Causative agent and their susceptibility pattern in sepsis in young infants below three months of age. *Int J Med Res Rev 2015 ;3(3): 321-325*
19. Bhattacharya S, GoelG, George K Shyamsundar R, Iyer RN et al. Laboratory Tests and clinical management in 26 healthcare institutions in India. *J Acad Clin Microbiol 2018; 20(1): 5-13*
20. Bhattacharya S, Joy VM, Goel G, Nath SR, Santosh S, George K, Iyer RN et al. Antimicrobial Stewardship programme- from policies to practices: A survey of antimicrobial stewardship programme practices from 25 centres in India. *J Acad Clin Microbiol 2019; 21(1): 4-9*
21. Chikkala R, Saxena P, Ratnakar KS, Iyer R, Sritharan V. Validation of a multiplex PCR for the Indentification of Methicillin Resistant S. aureus from uncultured Clinical Specimens. *Int J Science Res 2018; 7(1): 1697- 1699.*
22. RN Iyer, RR Jangam,A Jacinth, A Venkatalaskhmi , FB Nahdi. Prevalence and trends in the animcirobial susceptibility pattern of Salmonella enteric servars typhi & paratyphi A among children in a paediatric tertiary care hospital in South India over a period of ten years: a retrospective study *Eur J Clin Microbiol Inf Dis 2017; 36(12): 2399-2404*
23. Bhattacharya S, Goel G, George K, Shamsundar R, Lancy J, Sudarsana J, Devi S R, Sangeetha S, Kant K, Sathiavathy K A, Sarada Devi K L, Rejitha K, Shailaja T S, Raveendran G, John AP, Sohanlal T, Varghese G, Madhavan A, Sen B, Suseela K V, Ahmed SM, Mathew R, Pulikkottil SK, Philomina J B, Chinnan JP, Rani S, Iyer R, Maiti S, Nath SR, Balakrishnan SM, Raja K. Laboratory tests and clinical management of dengue in 26 healthcare institutions in India. *J Acad Clin Microbiol 2018;20:5-13*
24. Implementation manual to prevent and control the spread of Carbapenem –resistant organisms at the national and Health care facility level – **WHO Geneva 2019 ( WHO/UHC/SDS/2019.6). Licence: CC BY-NC-SA 3.0 IGO**
25. Bhattacharya S, Joy VM, Goel G, Nath SR, Santosh S, George K, Iyer R, et al. Antimicrobial Stewardship programme: from policies to practices: Survey of antimicrobial stewardship programme practices from 26 centres in India. *J Acad Clin Microbiol 2019;21(1): 4-9*
26. Predictors of mortality in solid-organ transplant recipientswith carbapenemase-producing Enterobacteralesbloodstream infections: the impact of cytomegalovirusdisease and lymphopenia. As part of the ESGICH group project of the ESCMID . *Am J Transplantation2020;20:1629-1641*
27. Rani, M., Kammili, N., Iyer, R.N. et al. Epidemiology and Prevalent Rotavirus Genotypes and Clinical Severity of Acute Gastroenteritis among Vaccinated and Unvaccinated Children. *Indian J Pediatr (2020).* <https://doi.org/10.1007/s12098-020-03349-1>
28. Iyer R.N., Rao JR, Rudramurthy S, Kapoor D. Two cases of Nocardia bacteremia in solid organ transplant recipients. *Indian J Med Microbiol 2020;38:123-6*

29. Bhattacharya S, Iyer R, Raja R, Joy VM, Bijulal SR, George K, et al. A survey of practices to diagnose, manage prevent and control COVID-19 from 28 centres. *J Acad Clin Microbiol* 2020;22:5-11
30. Chakrabarti A, Sood P, Rudramurthy SM, Chen S, Jilwin J, Iyer R, et al. Characteristics, outcomes and risk factors for mortality of paediatric patients with ICU acquired Candidaemia in India: multicenter prospective study. *Mycoses* 2020;63(11):1149-63  
Transplant Infectious Disease
31. Efficacy of  $\beta$ -lactam/ $\beta$ -lactamase inhibitors to treat extended-spectrum beta-lactamase-producing Enterobacterales bacteremia secondary to urinary tract infection in kidney transplant recipients (INCREMENT-SOT Project). Transplant Infectious Diseases **DOI:** <https://doi.org/10.1111/tid.13520>

#### **Review Articles:**

1. RN Iyer, Chelluri EP. Role of mesenchymal stem cells based therapies in MDR/ XDR Tuberculosis and comorbidities. *J Stem Cell Res Ther* 2015
2. Ranganathan S, Iyer R.N. Convalescent plasma- Is it useful for treating SARS CoV-2 infection. *Indian J Med Microbiol* 2020;38:252-60