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Area of Expertise

As an infectious diseases clinical pharmacist, Dr. Ramanathan's research interests encompass areas related to infectious diseases pharmacotherapy and antimicrobial stewardship. Dr. Ramanathan employs various antimicrobial stewardship interventions to help optimize clinical outcomes, while minimizing unintended consequences of antimicrobial use, including toxicity, the selection of pathogenic organisms, and the emergence of resistance. Her research has primarily focused on the use of procalcitonin and data-mining tools, such as Pharmacovigilanz, to promote being better stewards of our limited antimicrobial resources.

Qualifications

PharmD, The University of Texas at Austin College of Pharmacy

Publications

Drugs in tuberculosis and leprosy

Ramanathan, M. R., Howell, C. K. & Sanders, J. M., 2019, *Side Effects of Drugs Annual*. Ray, S. D. (ed.). Elsevier B.V., p. 321-338 18 p. (Side Effects of Drugs Annual; vol. 41).

Drugs in Tuberculosis and Leprosy

Ramanathan, M. R., Howell, C. K. & Sanders, J. M., 1 Jan 2018, *Side Effects of Drugs Annual*. Ray, S. D. (ed.). Elsevier B.V., p. 363-376 14 p. (Side Effects of Drugs Annual; vol. 40).

Pharmacokinetic Drug Interactions with Panax ginseng

Ramanathan, M. R. & Penzak, S. R., 1 Aug 2017, In: *European Journal of Drug Metabolism and Pharmacokinetics*. 42, 4, p. 545-557 13 p.

Drugs Used in TB and Leprosy

Ramanathan, M. R. & Sanders, J. M., 1 Jan 2017, *Side Effects of Drugs Annual*. Elsevier B.V., p. 283-293 11 p. (Side Effects of Drugs Annual; vol. 39).

Safety and tolerability of high-dose weekly liposomal amphotericin B antifungal prophylaxis

Hand, E. O. & Ramanathan, M. R., Aug 2014, In: *Pediatric Infectious Disease Journal*. 33, 8, p. 835-836 2 p.