**Publications**

Global burden of bacterial antimicrobial resistance in 204 countries and territories in 2019 (GRAM paper)

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(21)02724-0/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2821%2902724-0/fulltext)

* Castro-Sánchez E et al. Nurses: an underused, vital asset against drug-resistant infections. Lancet 2022. [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(22)01531-8/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2822%2901531-8/fulltext)
* Courtenay M et al. Preparing nurses for COVID-19 response efforts through involvement in antimicrobial stewardship programmes. Journal of Hospital Infection, 2020. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7283056/>
* Jarina NV et al. Antimicrobial management in primary health care: nurses’ perceptions and actions. Saúde Coletiva 2021. DOI: <https://doi.org/10.36489/saudecoletiva.2021v11i70p8835-8846>
* Valentim Jarina, N. ., Cristina Scalon da Costa Perinoti, L. ., Sanches Couto, D. , Isabel Simões Guilherme, L. ., Marina da Silva Felix, A. ., & Moralez de Figueiredo, R. . (2021). Gerenciamento de antimicrobianos na atenção primária à saúde: percepção e ações dos enfermeiros. Saúde Coletiva (Barueri), 11(70), 8835–8846. <https://doi.org/10.36489/saudecoletiva.2021v11i70p8835-8846>
* Felix AMS & Toffolo SR. Participation of nurses in antimicrobial stewardship programs: an integrative review. Cogitare enferm 2019 <https://www.researchgate.net/publication/331997621_PARTICIPATION_OF_NURSES_IN_ANTIMICROBIAL_STEWARDSHIP_PROGRAMS_AN_INTEGRATIVE_REVIEW>
* Gotterson et al. Nurse role and contribution to antimicrobial stewardship: An integrative review

Int J Nurs Stud 2021 May;117:103787.  doi: 10.1016/j.ijnurstu.2020.103787.

* Courtenay M et al. Development of consensus based international antimicrobial stewardship competencies for undergraduate nurses education. Journal of Hospital Infection 2019. <https://pubmed.ncbi.nlm.nih.gov/31421195/>
* Charter AM et al. Influences on nurse’s engagement in antimicrobial stewardship behaviours: a multi-country survey using the Theoretical Domains Framework. Journal of Hospital Infection 2022 <https://www.sciencedirect.com/science/article/pii/S0195670122002274>
* Perinotti JNV et al. Antimicrobial management in primary health care: nurses’ perceptions and actions. Saúde Coletiva 2021.
* Strengthening infection prevention and control in primary care: A collection of existing standards, measurement and implementation resources <https://www.who.int/publications/i/item/9789240035249>
* WHO Minimum requirements for infection prevention and control programmes <https://www.who.int/publications/i/item/9789241516945>
* Antimicrobial stewardship programmes in health-care facilities in low- and middle-income countries: a WHO practical toolkit. WHO 2019 (Arabic, English, French, Russian) <https://www.who.int/publications/i/item/9789241515481>

**Some WHO Online courses**

* “Antimicrobial Stewardship: A competency-based approach”   (English, French, Italian, Russian & Spanish) <https://openwho.org/courses/AMR-competency>
* Surgical site infections <https://openwho.org/courses/IPC-SSI-EN>
* Catheter-associated urinary tract infections <https://openwho.org/courses/IPC-CAUTI-EN>
* Infection Prevention and Control in Maternal and Neonatal Care <https://openwho.org/courses/care-pregnant-woman-antenatal-clinic-en>
* Reducing antimicrobial resistance of treatable sexually transmitted infections in antenatal care <https://openwho.org/courses/amr-sti-anc>
* Antimicrobial stewardship programmes in health-care facilities in low- and middle-income countries: a WHO practical toolkit <https://openwho.org/courses/practical-toolkit-for-AMS>