



**Table 17: Antimicrobial stewardship initiatives<sup>1-5</sup>**

### Government level antimicrobial stewardship initiatives

- Promote global regulation of prescription and supply of antimicrobials.
- Support global initiatives focused on reducing AMR.
- Promote awareness of AMR in the health and animal sectors and the general public.
- Support and stimulate ongoing research on AMR and development of new antimicrobial agents

### Organisational level antimicrobial stewardship initiatives

- Provide adequate funding and resources to support antimicrobial stewardship.
- Convene an antimicrobial stewardship committee responsible for guiding and monitoring the use of antimicrobial agents in the facility.
- Develop institutional policies and procedures on the use of antimicrobial agents based on global guidance
- Implement best clinical practice in wound infection prevention and treatment.
- Facilitate accurate diagnosis of wound infection with appropriate policies, resources and care pathways.
- Monitor trends in microbial sensitivities in the facility.
- Audit antimicrobial prescribing and patterns of use.
- Monitor and publish incidence of wound infection, types of wounds being managed with antimicrobial agents and their effectiveness.
- Provide regular education to all stakeholders on AMR and antimicrobial stewardship.

### Clinical level antimicrobial stewardship initiatives

- Provide adequate funding and resources to support antimicrobial stewardship.
- Convene an antimicrobial stewardship committee responsible for guiding and monitoring the use of antimicrobial agents in the facility.
- Develop institutional policies and procedures on the use of antimicrobial agents based on global guidance
- Implement best clinical practice in wound infection prevention and treatment.
- Facilitate accurate diagnosis of wound infection with appropriate policies, resources and care pathways.
- Monitor trends in microbial sensitivities in the facility.
- Audit antimicrobial prescribing and patterns of use.
- Monitor and publish incidence of wound infection, types of wounds being managed with antimicrobial agents and their effectiveness.
- Provide regular education to all stakeholders on AMR and antimicrobial stewardship.

### Table 17 References

1. Rippon MG, Rogers AA and Ousey K. Antimicrobial stewardship strategies in wound care: Evidence to support the use of dialkylcarbamoyl chloride (DACC)- coated wound dressings. *J Wound Care*, 2021. 30(4): p. 284-96.
2. Woodmansey EJ and Roberts CD. Appropriate use of dressings containing nanocrystalline silver to support antimicrobial stewardship in wounds. *Int Wound J* 2018. 15(6): p. 1025-32.
3. Roberts C, Leaper D and Assadian O. The role of topical antiseptic agents within antimicrobial stewardship strategies for prevention and treatment of surgical site and chronic open wound infection. *Adv Wound Care*, 2017. 6(2): p. 63-71.
4. Pulcini C, Beovic B, Howard P and Mendelson M. Human resources estimates and funding for antibiotic stewardship teams are urgently needed: authors' response. *Clin Microbiol Infect*, 2018. 24(5): p. 557.
5. World Union of Wound Healing Societies. The role of non-medicated dressings for the management of wound infection. 2020, Wounds International: London.