



Assessment of Antimicrobial Stewardship Program (AMSP) activities in the facility		Established at facility ✓ X	Comment
Policies to support optimal antibiotic use	Does your facility have a policy that requires p r e s c r i b e r s ?	<input type="checkbox"/>	
	Does your facility have a policy that requires prescribers to document in the medical record a dose and duration for all antibiotic prescriptions?	<input type="checkbox"/>	
	Does your facility have a policy that requires prescribers to document in the medical record an indication for each antibiotic prescription?	<input type="checkbox"/>	
	Does your facility have a policy that requires prescribers to collect and submit relevant clinical specimens before an antibiotic is prescribed?	<input type="checkbox"/>	
Policies to support optimal antibiotic procurement	Does your facility have a policy that requires prescribers to list the prescribed antibiotic by its generic name (instead of brand name)	<input type="checkbox"/>	
	Does your facility have a policy that requires the pharmacy to maintain a facility-level antibiotic formulary (i.e., a list of the antibiotics that the institution will procure and stock)	<input type="checkbox"/>	
Broad interventions to improve antibiotic use	Does your facility have a policy that requires the pharmacy to avoid procurement of unnecessary or duplicative combinations of antibiotics? (e.g., cloxacillin and dicloxacillin)	<input type="checkbox"/>	
	Are the following actions to improve antibiotic prescribing conducted in your facility?	<input type="checkbox"/>	
	Is there a procedure for reviewing the appropriateness of all empiric antibiotics 48 h after the initial orders?	<input type="checkbox"/>	
	Do specified antibiotic agents (e.g., colistin, carbapenems) need to be approved by a senior physician, pharmacologist, or ID specialist prior to administration (i.e., pre-authorization) at your facility?	<input type="checkbox"/>	
	Does a physician, pharmacist, or pharmacologist conduct retrospective audit with feedback for courses of therapy for specified antibiotic agents (e.g., colistin, carbapenems) at your facility	<input type="checkbox"/>	





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Prescription-specific interventions to improve antibiotic use	<ul style="list-style-type: none"> •Does your facility have written guidelines or policies for the following actions? •Recommended changes from intravenous to oral antibiotic therapy in appropriate situations (e.g., switch to an appropriate antibiotic with good oral bioavailability such as a quinolone in the setting of clinical improvement)? •Dose adjustments in cases of organ dysfunction? •Dose optimization (pharmacokinetics/pharmacodynamics) for treatment of organisms with reduced susceptibility? •Feedback in situations where therapy might be unnecessarily duplicative (e.g., double anaerobic coverage)? •Time-sensitive stop orders for specified antibiotics (e.g., colistin, carbapenems, surgical prophylaxis to be stopped after a certain number of days)? Does your facility provide written guidance for treatment of the following common infections?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Diagnosis and infections specific interventions to improve antibiotic use	Does your facility provide written guidance for treatment of the following common infections? Diagnosis and infections specific interventions to improve antibiotic use – hospitalised patients Community-acquired pneumonia Healthcare-associated pneumonia Community-acquired urinary tract infection Healthcare-associated urinary tract infection Skin- and soft-tissue infections (e.g., abscess, cellulitis) Surgical prophylaxis Acute gastrointestinal infections Meningitis Neonatal sepsis Clinical sepsis (non-neonates)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	





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	Maternal intrapartum/postpartum infections	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Diagnosis and infections specific interventions to improve antibiotic use – outpatients	Upper respiratory tract infection CAP Skin- and soft-tissue infections Acute gastroenteritis Sexually transmitted infections Maternal antenatal/intrapartum/postpartum infections	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Process measures	Routine monitoring allows program coordinators to assess the performance of stewardship practices at specified intervals (Does your stewardship programme routinely monitor adherence to... ...documentation of dose in inpatient antibiotic prescriptions? ...documentation of duration in inpatient antibiotic prescriptions? ...documentation of clinical indication in inpatient antibiotic prescriptions? ...facility-specific empiric treatment recommendations for at least one common inpatient infection (infections listed in Section H)? ...collecting and submitting cultures before beginning empiric antibiotic therapy for inpatient infections? ...adjusting antibiotics based on culture results for inpatient infections? ...documentation of dose in outpatient antibiotic prescriptions? ...documentation of duration in outpatient antibiotic prescriptions? ...documentation of clinical indication in outpatient antibiotic prescriptions? ...facility-specific empiric treatment recommendations for at least one common outpatient infection (infections listed in Section H)?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	



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	<p>...collecting and submitting cultures before beginning empiric antibiotic therapy for outpatient infections?</p> <p>...adjusting antibiotics based on culture results for outpatient infections</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Antibiotic use and outcome measures	<p>Does your facility track rates of infections caused by antibiotic resistant pathogens (e.g., bloodstream infections caused by carbapenem-resistant Enterobacteriaceae or colistin-resistant Gram-negative bacteria)?</p> <p>Does your facility produce an annual cumulative antibiogram for at least one common infection (infections listed in Section H)?</p> <p>Does your facility monitor antibiotic use (consumption) at the unit level and/or facility-wide level by one of the following metrics:</p> <p>By counts of antibiotics administered to patients per day (days of therapy)?</p> <p>By number of grams of antibiotics used (DDD)?</p> <p>By overall purchasing cost of antibiotics consumed</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Reporting information to staff on antibiotic use and resistance	<p>Does your stewardship programme share unit-/department-specific reports on antibiotic use with prescribers?</p> <p>Has a current antibiogram for common infections been disseminated to prescribers at your facility in the past year?</p> <p>Do prescribers routinely receive direct, personalised communication about how they can improve their antibiotic prescribing (e.g., dose adjustments, narrowing antibiotics based on culture results)?</p> <p>Do prescribers receive warnings regarding clinically significant interactions between prescribed antibiotics and other medications (e.g., co-trimoxazole and phenytoin toxicity, ototoxicity induced by gentamicin in combination with loop diuretics)</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	



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Education	Does your stewardship program provide orientation to prescribers for facility-specific antibiotic policies? Does your stewardship program provide refresher training to prescribers for facility-specific antibiotic policies? Does your stewardship programme provide unit-/department-specific training on antibiotic policies	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

ID: Infectious disease, CAP: Community-acquired pneumonia, IT: Information technology, DDD: Defined daily dose





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