



Vision for the Future Control of Antimicrobial Resistance in Australia

Ben Howden
Cheryl Jones

Key Priority 1

The Council of Australian Governments should formally designate antimicrobial resistance (AMR) as a major national human and animal safety issue.



Key Priority 2

Australia should, as a priority, develop better cross-jurisdictional capacity to coordinate and manage national AMR control activities :

- AMR surveillance,
- key control interventions and guidelines,
- targeted research, and to
- inform national AMR strategy and policies



Strategic Pillar 1: Improve Infection Prevention and Control

Goal	Action	Who	Deliverable	Timelines
1	Facilitate national adoption of the WHO Core Components of Infection Prevention & Control (IPC) to enhance and focus national IPC initiatives as a key AMR control strategy	Council of Australian Governments		
2	Establish a national coordinated hospital-acquired infection (HAI) surveillance program that allows Australia to accurately report on the epidemiology of HAI infection and associated AMR for direct action	To be discussed		
3	Enhance and refocus national IPC initiatives for both human and animal health so that they become a key AMR control strategy	To be discussed		



Strategic 2: Pillar Practical Antimicrobial Stewardship

Goal	Action	Who	Deliverable	Timelines
1	Implement National prescribing guidelines (TG) in all GP clinics and all veterinary practices			
2	Ensure audit and feedback of antimicrobial use in GP (including appropriateness) and in higher risk livestock industries (pigs and aquaculture)			
3	Set prescribing targets and develop actions to drive improvement – in hospitals (targets for appropriateness) and in community (fall in antibiotic usage in community to OECD average)			



Strategic Pillar 3: Improving Surveillance and outbreak response

Goal	Action	Who	Deliverable	Timelines
1	Human and non-human AMR surveillance be integrated under a single surveillance authority and linked to implementation arm			
2	All Australian labs to move to a single susceptibility testing system			
3	Strengthen processes for managing multi-facility/multi-jurisdictional/community outbreaks of multi-resistant organisms			



Strategic Pillar 4: Research and Development

Goal	Action	Who	Deliverable	Timelines
1	Support research on AMR as a high national priority for human and animal health and safety			
2	Align research and development priorities to the strategic pillars: 2.1 Antibiotic preservation (decrease inappropriate use and increase stewardship, infection control measures) 2.2 Antibiotic and novel diagnostic development (new agents, tests) 2.3 Maintain antibiotic supply (preventing antibiotic shortages, new models for antibiotic manufacturing and supply) 2.4 Link AMR Surveillance with outbreak response			
3	Emphasis on transparency and cross-sector and cross-jurisdictional collaboration and coordination for research and development efforts			

