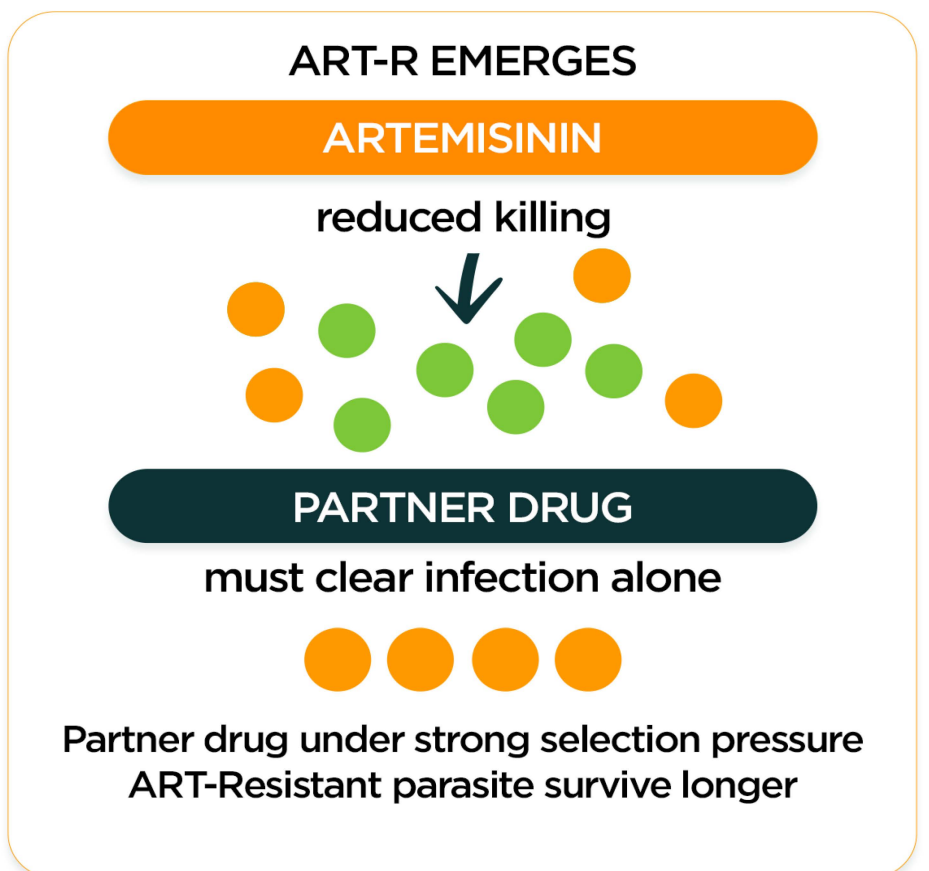
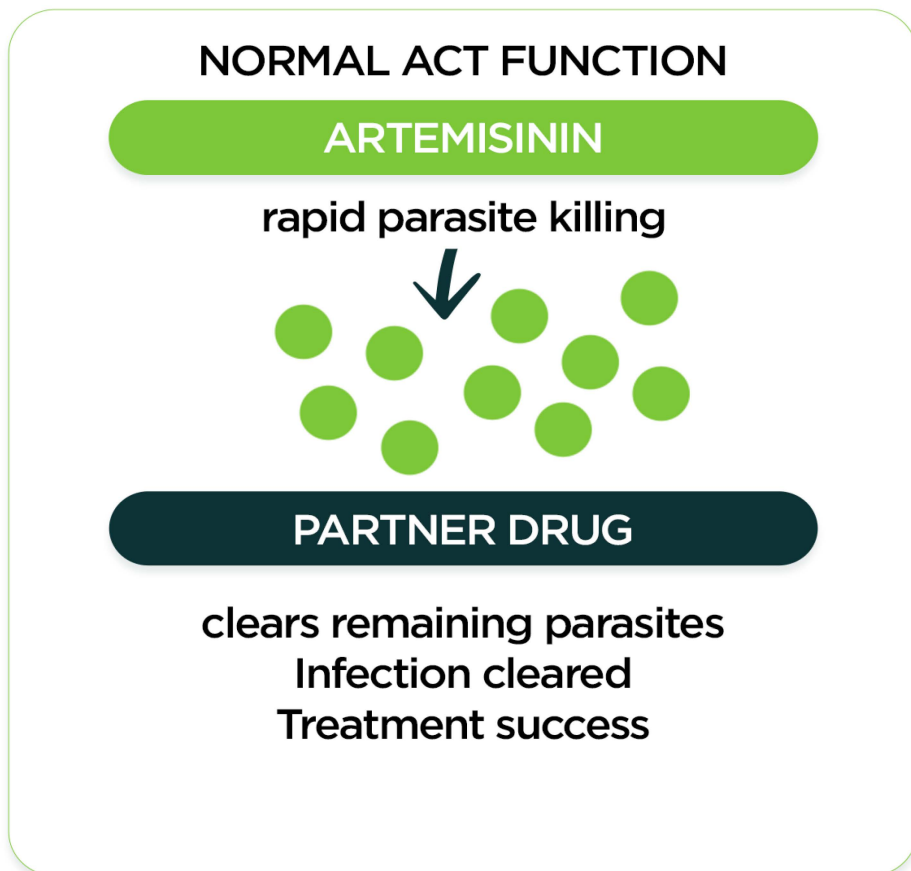




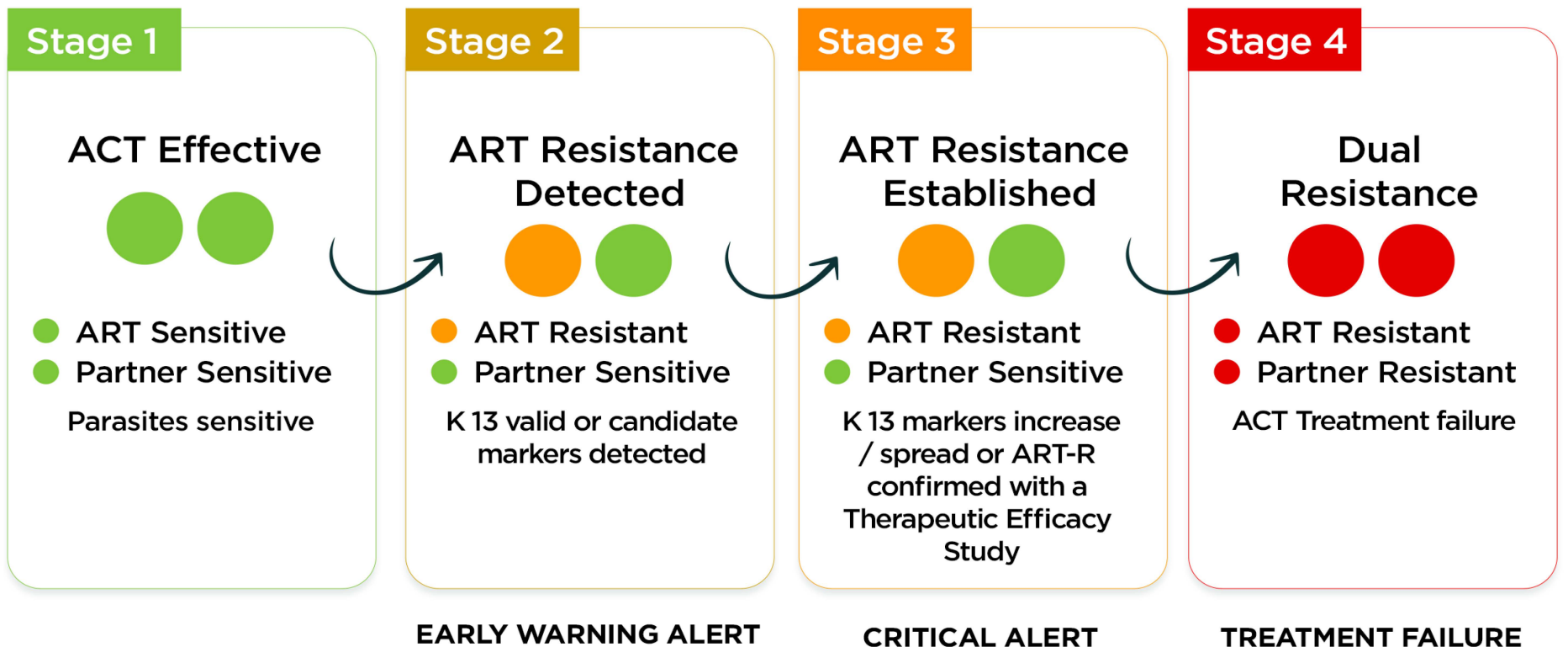
AMDR ACTION

Artemisinin resistance shifts selection pressure



● ART Sensitive ● ART Resistant Mutant

Drug resistance causes ACT failure





AMDR ACTION

Resistance signals trigger escalating action

Regular molecular surveillance (No ART resistance detected)

Conduct molecular surveillance, resistance mitigation plan in place, TES used to identify drugs for switch/MFT



EARLY WARNING (ART resistance signal detected – K13 mutations detected)

Strengthen and repeat molecular surveys

- Plan for ACT diversification and introduction for new antimalarials



CRITICAL ALERT (ART resistance established – K13 mutations increase/ spread; K 13 mutations > 5%, delayed parasite clearance and/ or day 3 parasite detected in TES)

Change first-line treatment in ART Resistant and neighbouring areas

- Plan for longer term diversification, e.g., drug rotation, multiple first line therapy strategy



ACT TREATMENT FAILURE (Dual resistance – ACT Failure detected in TES or health care system)

Urgent first-line switch

- Mitigate ACT resistance spread by increasing vector control and access to quality treatment and diagnosis

Resistance signals trigger escalating action