

Risk Factor

A person's chance of experiencing treatment failure for foodborne bacteria due to antibiotic resistance is quite low when compared to other known risks

RISK COMPARISON OF MACROLIDE ANTIBIOTICS TYLOSIN* AND TILMICOSIN*

	<u>Risk (High to Low)</u>	<u>Yearly Probability</u>
*Tylan	Being the victim of a violent crime	1 in 200
	Dying from heart disease	1 in 384
	Dying from cancer	1 in 514
	Dying from a stroke	1 in 1,750
	Being murdered	1 in 18,000
	Dying from choking	1 in 200,000
	Acquiring a food-borne infection from fruit or vegetables	1 in 375,000
*Micotil	Being struck by lightning	1 in 550,000
	Being attacked by a shark	1 in 700,000
	Acquiring a food-borne infection from beef	1 in 900,000
*Pulmotil	Dying from a bee sting	1 in 6 million
	Acquiring resistant <i>Campylobacter</i> from macrolide-treated poultry which results in treatment failure	<1 in 14 million
	Dying from a dog bite	1 in 18 million
Sept. 2003	Acquiring resistant <i>Campylobacter</i> from macrolide-treated swine which results in treatment failure	<1 in 53 million
	Odds of winning the Powerball® lottery	1 in 120 million
	Dying from <i>Salmonella</i> poisoning from an egg shell	<1 in 142 million
	Acquiring resistant <i>Campylobacter</i> from macrolide-treated beef which results in treatment failure	<1 in 236 million
	Acquiring resistant <i>E. faecium</i> from macrolide-treated poultry which results in treatment failure	<1 in 3 billion
	Acquiring resistant <i>E. faecium</i> from macrolide-treated swine which results in treatment failure	<1 in 21 billion
	Acquiring resistant <i>E. faecium</i> from macrolide-treated beef which results in treatment failure	<1 in 29 billion

Definition: Treatment failure is defined as longer duration of symptoms such as diarrhea; progression to more severe disease; or in the worst-case scenario, mortality.

Risk Comparison

The chance of treatment failure due to a certain type of antibiotic (macrolides) resistance from eating pork is 1 in 53 million

A person is more likely to:

- Die from a dog bite
- Be Attacked by a shark
- Die from a bee sting
- Be Struck by lightning

