

**Table S1. Definitions of antimicrobial appropriateness and associated results**

<b>Positive culture</b>	<b>Urinary symptoms</b>	<b>MS flare/ progression symptoms</b>	<b>Antimicrobial therapy appropriateness</b>	<b>Number of treated cultures meeting criteria (N = 201), n (%)</b>
X	X	X	Appropriate	67 (33)
X	X		Appropriate	
X		X	Potentially appropriate	49 (24)
X			Not appropriate	81 (40)

Note: Four cultures that were treated were not able to be evaluated for appropriateness due to the retrospective nature of this study and unavailable data.