Author’s response to reviews

Title: Antibiotic Control of Antibiotic Resistance in Hospitals: A Simulation Study

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We revised the sentences mentioned by the Associate Editor.

Page 5: Methods: The model we develop here is an extension of that in [5].

This has been revised. It now reads: The model we develop here is an extension of the model presented in a previous publication [5].

Page 13, second paragraph: In most of this Discussion we consider the implications of our simulation results to this switching process as a mechanism to reduce the frequency of resistance.

We combined the first two sentences of this paragraph. It now reads:
In this report we have focused primarily on the effects of switching to second-line antibiotics to reduce the incidence and term of hospital-acquired infections, especially infections caused by drug-resistant bacteria.

Page 15, second paragraph: Saying this in another way, the use of a second line drug to deal with resistance to first line antibiotics is only a transient solution to this problem.

We deleted ‘that’. The sentence is now: Saying this in another way, the use of a second line drug to deal with resistance to first line antibiotics is only a transient solution to this problem.