**COURSE TWO – Exercise 3.**

This exercise is about the costs saved from downstream impact on health services

An infection prevention programme to improve hand hygiene among hospital staff successfully reduced risks of infection and saved 4 days stay for 100 patients.

1. How would you estimate the costs of the hand hygiene programme?

Next we consider the costs saved from the downstream impact on health services

2. How many bed days are saved

3. Based on the historical cost accountant methods, what are the estimated cost savings?

Now consider the information in the blue box. Taken from a published study that reports the willingness to pay by CEO’s for bed days released by infection prevention programmes.

4. If all bed days were ‘ward’ days’, what are the estimated cost savings to the CEO?

5. If all bed days were ‘ICU days’, what are the estimated cost savings to the CEO?

