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epidemiology since  
that time. Field trials  
supported this  
conclusion and led to  
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models, delay-  
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and epidemiology of the disease. 2. Set up mathematical models for the transmission process based on these assumptions. This usually starts from drawing the transfer diagram and then deriving the mathematical equations. 3. Perform



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on the model to  
understand all possi-  
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controlling the  
distribution of  
infections and disease  
in populations. 1

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provide an explicit  
framework within  
which to develop and  
communicate an  
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2 Because we ...

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