

MovieS1. Movie showing simulations of the biofilm growth in normal conditions.

MovieS2. Movie showing simulations of biofilm recovery after 1/4 biofilm cut at $t=24$ h of normal growth.

MovieS3. Movie showing simulations of biofilm recovery after 1/4 biofilm cut at $t=24$ h of normal growth with a small fraction of residual (phantom) cells in the area of the cut.

MovieS4. Movie showing simulations of biofilm recovery after 1/2 biofilm cut at $t=24$ h of normal growth with a small fraction of residual (phantom) cells in the area of the cut.

MovieS5. Movie showing simulations of biofilm recovery after 1/2 biofilm cut at $t=24$ h of normal growth accompanied by a refresh of nutrients at the same time and no residual cells in the wound.