Simulation of improper food hygiene practices: A quantitative assessment of *Vibrio parahaemolyticus* distribution

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https://doi.org/10.1016/j.ijfoodmicro.2018.08.012

**Highlights**

- Improper kitchen hygiene practices facilitate *Vibrio parahaemolyticus* dissemination in the kitchen.

- Superficial treatments significantly reduced the bacterial count, but were insufficient to eliminate them.

- Awareness of proper handling practices should be encouraged.

**Abstract**

Kitchen mishandling practices contribute to a large number of *foodborne illnesses*. In this study, the transfer and cross-contamination potential of *Vibrio parahaemolyticus* was assessed.