

FOOD-BORNE SALMONELLA OUTBREAK IN A SINGLE HOSPITAL WARD

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Abstract. In June 2012, an outbreak of *Salmonella* group C gastroenteritis occurred on a single hospital ward among 54.2% (13/24) of volunteers undergoing an unrelated clinical trial and among 14.3% (1/7) hospital ward worker. Food-borne transmission was suspected, so a retrospective cohort study was conducted to identify the vehicle of the outbreak along with implementing outbreak control measures. None of the food items was significantly associated with the outbreak. An epidemic curve suggests a common source of the outbreak. No cases were reported after outbreak control. Food should be stored, cooked and handled using strict hygiene to prevent future outbreaks.

Keywords: Salmonella, gastroenteritis, food-borne outbreak

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