A Narrative Review of Food Safety Research Studies of Professional Food-Handlers in Catering and Food Manufacturing Environments.

Ellen W. Evans¹, Rebecca L. Evatt² & David C. Lloyd³

¹*ZERO2FIVE Food Industry Centre, Cardiff Metropolitan University, *Cardiff School of Sport and Health Sciences, Cardiff Metropolitan University, Wales, United Kingdom.

*Corresponding author: elevans@cardiffmet.ac.uk

Introduction

Foodborne illness outbreaks associated with manufacturing and catering environments pose a public health concern. The food handler is often identified as one of the key causes of foodborne illness, and has been frequently cited as the major cause of foodborne illness in the UK catering industry and restaurant-associated outbreaks¹.

Consequently, there is a need to assess the food safety cognition and implementation and adherence of such recommendations are essential. Review of the food safety knowledge, attitudes, self-efficiency, and findings were summarised and recorded using the database.

Methods

Data Collection: An inclusion exclusion criteria was defined to identify primary research studies suitable for inclusion. Professional food-handlers were identified as those that are responsible for the preparation, service or sale of food products to food handlers. Inadequate refrigerated storage of food, inadequate hand decontamination practices and consumer contact are the major contributory factors associated with the transmission of foodborne illness².

Data capture: A database was devised to capture primary research data throughout the literature review. A Narrative Review of Food Safety Research Studies of Professional Food Handlers is required. It must be acknowledged that numerous food-handler food safety studies, for example those included in this study, have been conducted however, there exists a lack of comprehensive review of the methods and measures utilised in such studies to date. Consequently, the review of this report focuses on retail catering and food handling groups as a method of data collection.

Handouts

All posters from the ZERO2FIVE Food Industry Centre are available for download from: www.cardiffmet.ac.uk/health/zero2five/research

References