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**Presentation or session title** (100 characters)

Comprehensive Conceptual Framework for Translating Implementation Science towards Sustainability: A Systematic Narrative Review

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\*Please only list the authors who will be attending the summit. If your abstract is accepted, all authors must register for summit in order for your abstract to appear in the program. For a panel, please list all panel members. We will not accept proposals for all-male panels.

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**Type of session** (please select from the dropdown list)

**Individual presentation**

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Achieving scale and sustainability

**Objectives/aims** (Please describe the objectives and/or aims of the study or activity you wish to present on, or for the panel you suggest to include in the GEIS 2018 program. Max 600 characters.)

A large number of evidence-based interventions remain underused, and among those that have been used, few are sustainable in a real-world setting. There is little information in the implementation science literature about the sustainability of an intervention. The aim of this paper is to identify and develop a comprehensive conceptual framework that includes sustainability and can be applied to a real-world nutrition intervention in low-income settings.

**Methods** (What methods were used as part of your study or activity? If you are submitting a panel proposal, what will be the format of your session? Max 600 characters.)

We conducted a systematic narrative review of relevant literature using implementation science frameworks and theory published in the peer-reviewed journals. As part of search strategy, we searched PubMed and Scopus databases using “implementation science” OR “implementation research” AND “framework” OR “theory” OR “Model” as search terms. The literature search was performed during 1 June 2017 to 11 October 2017. The review identified twenty-seven papers that provided a unique conceptual framework published in peer-reviewed journals from 1998 to 2017.

**Main findings** (Please describe the results and/or outcomes of your study or activity. If you are submitting a panel proposal, describe the expected results from this panel. Max 600 characters.)

The review identified twenty-seven papers that provided a unique conceptual framework published in peer-reviewed journals from 1998 to 2017. The review results show none of the reviewed frameworks consider the whole spectrum of implementation science (from science innovation to sustainability). Most (n=22) frameworks emphasize implementation fidelity. Only half (n=14) of the frameworks considered the sustainability of implementations, although sustainability is one of the major current concerns of implementation literature. Based on this review, we offer a new conceptional framework that conceptualizes implementation science as a ‘science in practice’ and considers three domains: i) innovation through efficacy and effectiveness trials, ii) scaling-up to larger systems and iii) sustainability of effective interventions. This framework also considered a comprehensive methodological paradigm to identify ‘effective’ interventions, and to assess both the process and outcome indicators of implementation.

**Please note: If you are submitting an abstract for a symposium or panel**, please ensure your responses above describe the aims and intended results for your panel. Under ‘methods’, please include a description of your session format and panel participants.