



Behaviour Change Intervention Ontology Training Module:

Behaviour change interventions and their contexts within the Behaviour Change Intervention Ontology (BCIO)

Introduction

This module is part of the Behaviour Change Intervention Ontology (BCIO) online training programme whose purpose is to help potential users of the ontology to understand what it is, how it works, how to use it in their research, and for those who are interested, how to develop and improve it.

The module provides an overview of the parts of the Behaviour Change Intervention Ontology that cover its content (behaviour change techniques, dose and tailoring), delivery (source, mode, style, schedule) and context (population, setting and events). It illustrates the first of these, the Behaviour Change Technique Ontology.

This module follows the training module introducing the tools to access the Behaviour Change Intervention Ontology (BCIO). You may like to revisit this module in the light of learning more about how to use the BCIO to describe interventions. It is followed by a module showing you how to describe behaviour change interventions and their contexts using the BCIO.

This module consists of 1 video of 7 minutes in duration.

Here is a link to the video: <https://youtu.be/1Y567RBy3ms>

Prior training

Before doing this module you are advised to view Modules 1-5:

1. What are ontologies and why are they useful?
2. How can ontologies be used in behavioural science?
3. What is the Behaviour Change Intervention Ontology (BCIO)?
4. What are the key components of the Behaviour Change Intervention Ontology (BCIO)?
5. Introducing the Behaviour Change Intervention Ontology (BCIO) tools

Learning objectives:

After the training you should be able to:

1. Name the parts of the BCIO relevant to describing an intervention
2. Describe a behaviour change technique and the BCTO (Behaviour Change Technique Ontology)
3. Explain how the BCT Ontology differs from a taxonomy

Links to resources

HBCP website: <https://www.humanbehaviourchange.org/>

BCIO website: <https://bciontology.org>

BCIO Search website: <https://bciosearch.org>

Ontology Lookup Service: <https://www.ebi.ac.uk/ols/index>

Qeios publishing platform: <https://qeios.com>

Twitter: @HBCProject

Publications: <https://wellcomeopenresearch.org/collections/humanbehaviourchange>

Open Science Framework: <https://osf.io/efp4x/>

Github: <https://github.com/HumanBehaviourChangeProject>