

NADCRC January 2016 Concept Clearance

Implementation Science and Oral Health

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Goal

- Reduce the time between the development of the evidence base of interventions to widespread use in dental care and oral health settings.



Implementation Science and Oral Health

Background

- Implementation science is a rigorous set of methodologies focused on identifying, understanding, and overcoming barriers to the adoption, adaptation, integration, scale-up and sustainability of evidence-based interventions, tools, policies, and guidelines.
- There is benefit in understanding when/how to “de-implement” or reduce the use of strategies and procedures that are not evidence-based, have been prematurely widely adopted, or are potentially harmful or wasteful.

Implementation Science and Oral Health

- Examples:
 - Ready to implement: Dental Sealants
 - Ready to implement: SBIRT
 - Ready to de-implement: prophylactic use of antibiotics
- Gap Analysis: NIDCR participates in the NIH-wide Dissemination and Implementation Research in Health funding opportunity announcements
 - 4 Applications funded over the past 6 years

Implementation Science and Oral Health

Expert Panel Meeting

In April 2015 the NIDCR held an expert panel meeting to discuss the state of the science. The following recommendations were made:

- Make Implementation Science resources more accessible to the existing oral health research community
- Build interest in Implementation Science research among key stakeholders
- Encourage “Pre-implementation” efforts. Measuring the baseline and identifying changes in the evidence base