

# Scottish Dental Practice Based Research Network

SOHRC Conference

Stirling Highland Hotel, 18 February 2015

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# Outline

Background to SDPBRN

SDPBRN research activities

Research audit

SDPBRN and the SOHRC

Established 1998 by SCPMDE

Funded by NHS Education for Scotland

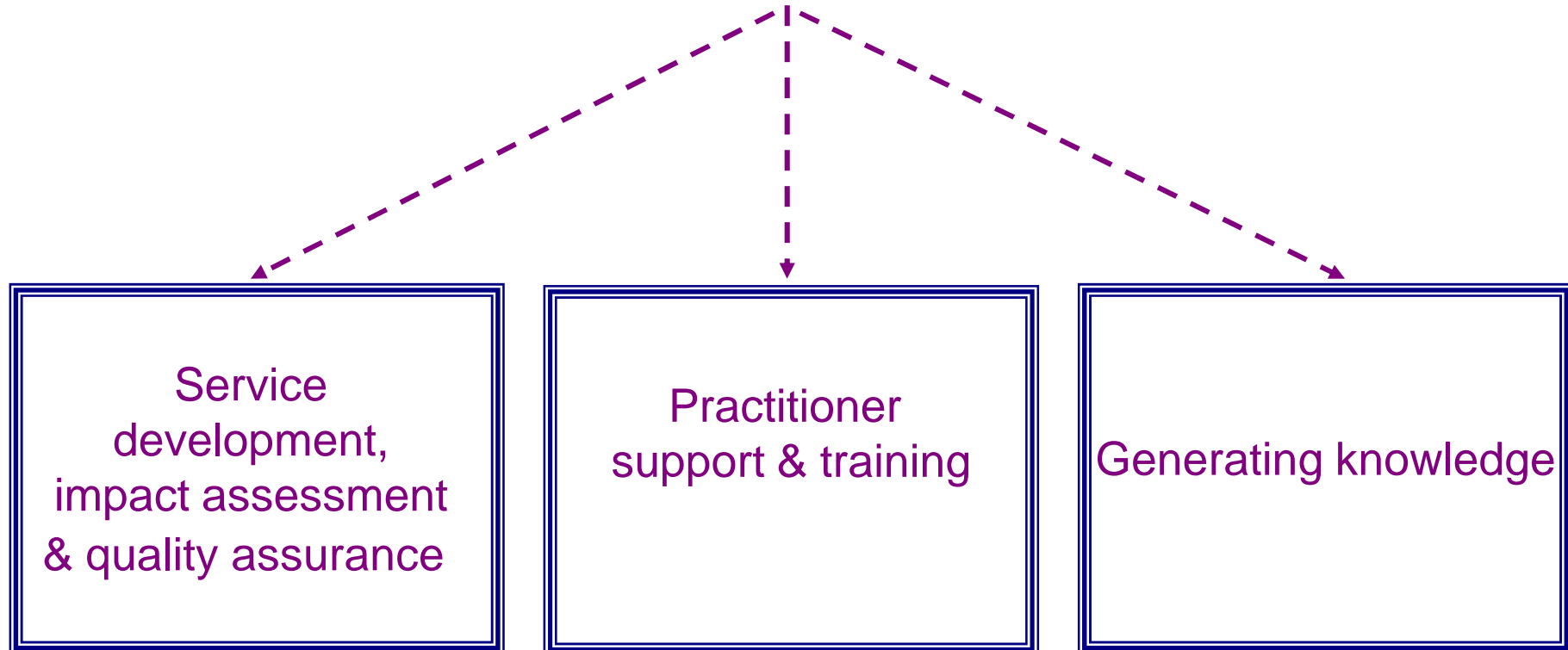
Aim:

*to encourage, facilitate and conduct high quality research in the primary care setting, and to disseminate information relevant to the provision of evidence-based primary dental care*

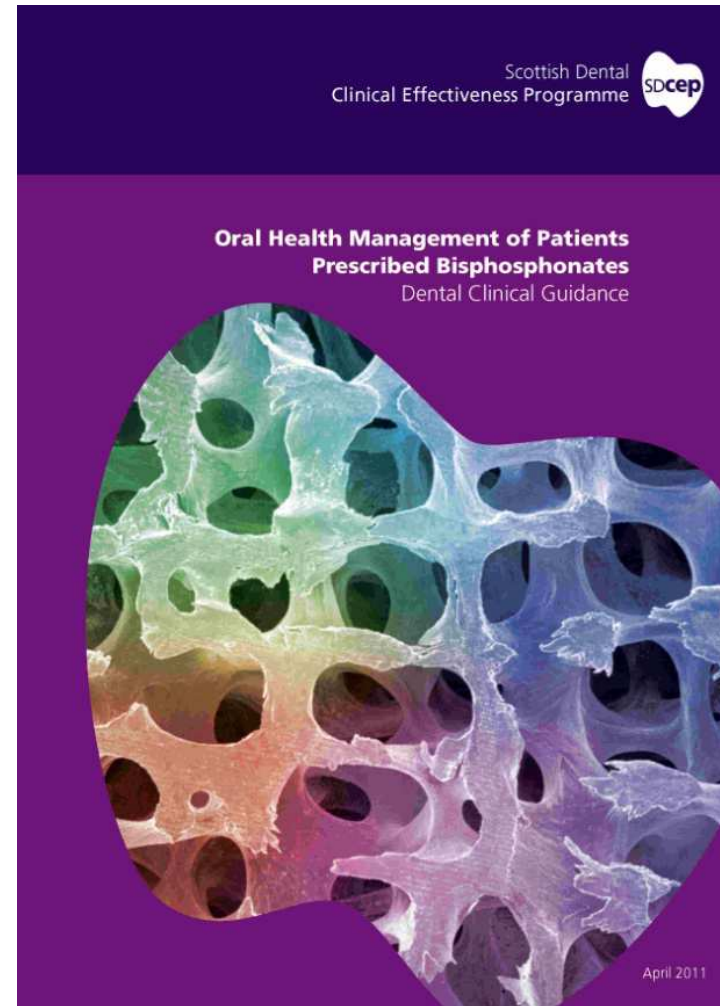
Supported by Rapid Evaluation Practitioners - primary care dentists with an interest in and willing to participate in research

- small projects e.g. surveys, interviews, focus groups
- larger projects e.g. piloting interventions

## SDPBRN Research Activities



- Combined practice inspection
- Patient experience questionnaire
- SDCEP – REP studies supporting SDCEP guidance development
- Patient safety – validation and piloting of a safety climate measure for primary care dental practice
- Evaluating undergraduate education



- Research advice
  - design, approvals, statistics, reporting
- Postgraduate study
  - feasibility of research in dental outreach
  - job satisfaction of hygienists and therapists
  - interceptive orthodontics in primary care
  - alcohol advice in primary dental care
- Personal interest
  - occupational exposure in dental practice
  - evaluation of CPR feedback device
- Annual national training days & REP training days

# Generating Knowledge

- RAPID
- HTA Trials
  - FiCTION
  - INTERVAL
  - IQuaD
- Workforce substitution project

New arrangements for clinical audit (Jan 2014)

Includes participation in practice based research

- max 5 hours in a 3 year period

Research audit arrangements in place August 2014

SDPBRN responsible for implementing and co-ordinating research audit

- application via [sdpbrn.org.uk](http://sdpbrn.org.uk)



# Why Research and Audit?

Participation not just data collecting

Requires participants to:

- self-assess current practice
- identify, reflect and report on the barriers/enablers to change

May require implementation and assessment of evidence-based interventions

Research audit incorporates a required reflective activity:

- critically analysing how research participation has impacted on clinical practice
- may include action plans for addressing barriers to improvement and monitoring change.

# Eligible Research Activities

## Practice-based

Inform and support the delivery of high quality dental care

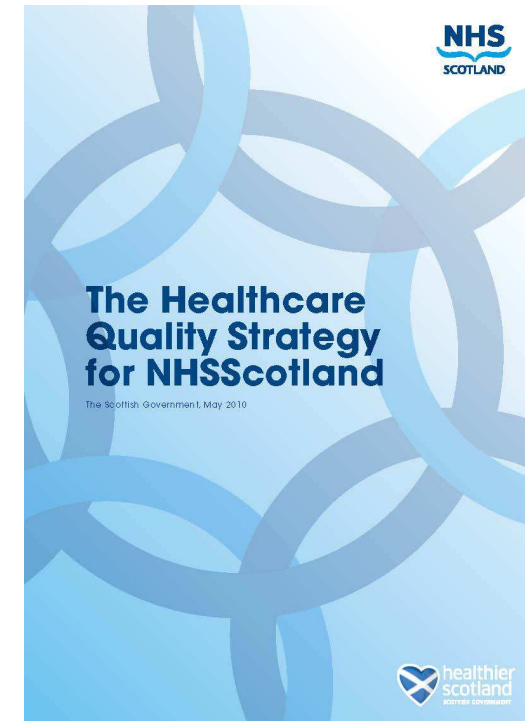
safety, effectiveness, patient centeredness, timeliness, efficiency, equity (IoM)

Includes research that

evaluates care

implements high quality delivery of care

generates evidence



# Study Categories

1. SDPBRN Rapid Evaluation Practitioner research studies;
2. Dental research studies conducted by Higher Education Institutions or NHS Health Boards;
3. Dental research studies that were awarded research funding through a process of open competition including high quality peer review;
4. National, practice-based, quality improvement initiatives that include a reflective research component.

First research audit projects already underway

- Safety climate
- Evaluation of the barriers and facilitator to implementing SDCEP periodontal guidance

# Scottish Oral Health Research Collaboration

SDPBRN works within and supports the SOHRC at all stages of the research process

- development of protocols and funding applications
  - incorporation of research audit components
- research governance including participant training
- piloting of interventions
- recruitment of participants
- study management
- analysis, interpretation and writing up of results
- dissemination and implementation

## 1<sup>st</sup> Symposium Edinburgh 2001

Targeted towards primary care practitioners – average 90–100 delegates

Opportunity for practitioners to raise their awareness of current research, to present their own research and for collaboration

**13 November 2015** joint SDPBRN and NES CPD team symposium, Dundee

- theme – pharmaceuticals
- presentations, discussion and hands-on sessions



# Thank You

SDPBRN thanks all dentists and dental teams who have contributed to these projects. The views expressed are those of the authors and not the funders who supported the projects.

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