



Education Update SDEAG Shaping the Future

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Carolyn Oxenham

Diabetes in Scotland: Priorities for Improvement

Aim: To improve the experience and clinical outcomes for patients living with diabetes across Scotland.

Prevention and Early Detection of Diabetes and its Complications

To establish and implement approaches to support the prevention and early detection of type 2 diabetes, the rapid diagnosis of type 1 and the implementation of measures to promptly detect and prevent the complications of diabetes.

Person-Centred Care

To ensure people with diabetes are enabled and empowered to safely and effectively self-manage their condition by accessing consistent, high quality education and by creating mutually agreed individualised care plans.

Supporting & Developing Staff

To ensure healthcare professionals caring for people living with diabetes have access to consistent, high quality diabetes education to equip them with the knowledge, skills and confidence to deliver safe and effective diabetes care.

Improving Information

To ensure appropriate and accurate information is available in a suitable format and effectively and reliably used by all those involved in diabetes care.

Type 1 Diabetes

To improve the care and outcomes of all people living with type 1 diabetes.

Equality of Access

To reduce the impact of deprivation, ethnicity and disadvantage on diabetes care and outcomes.

Inpatient Diabetes

To improve the quality of care for people living with diabetes admitted to hospital by improving glucose management and reducing the risk of complications during admission.

Innovation

To accelerate the development and diffusion of innovative solutions to improve treatment, care and quality of life of people living with diabetes.

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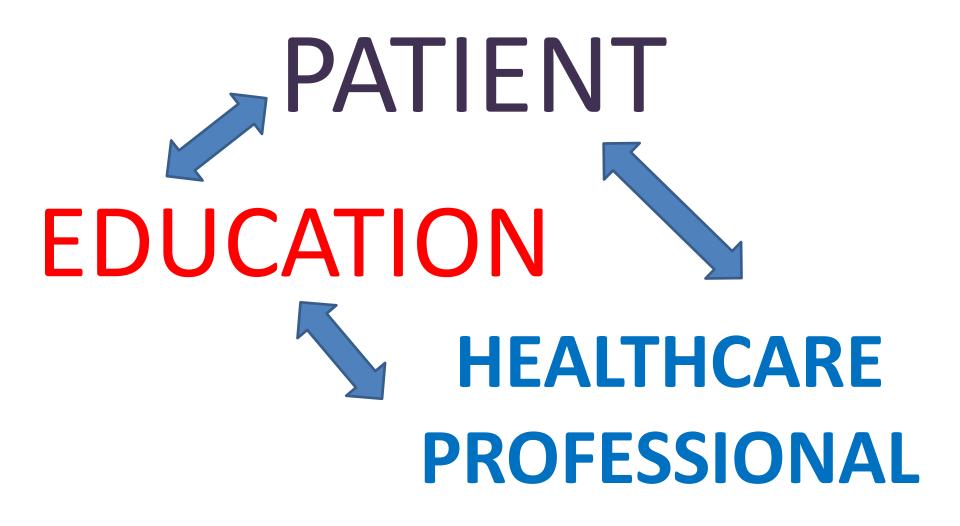
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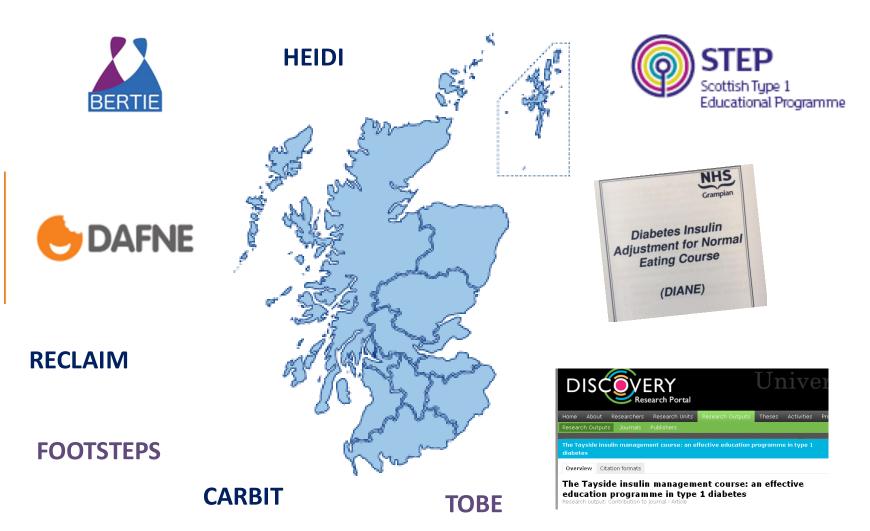
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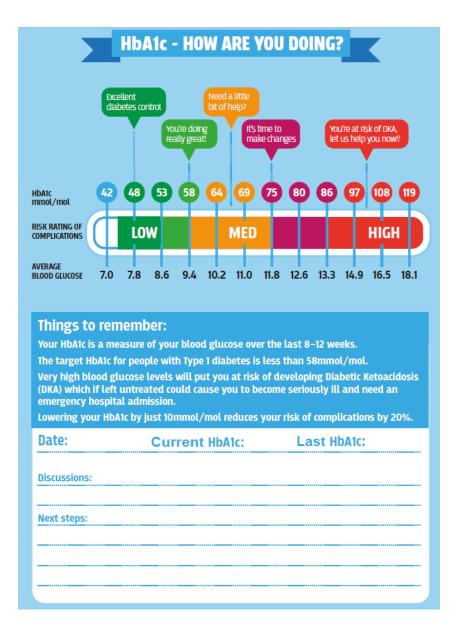
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Type 1 Structured Education





T2 Structured Education

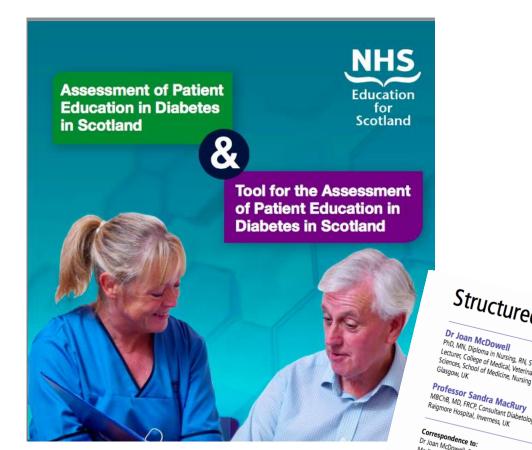






X-pert Diabetes

Footsteps



Structured diabetes patient education in Scotland PhD, MN, Diploma in Nursing, RN, SCM, DN, Senior rnu, mry, urpioina in vursing, mry, scim, ury, se Lecturer, College of Medical, Veterinary & Life Sciences School of Medicine, Nursing & Health Care,

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Received: 31 October 2014 Accounted in raylend form: 16 Documber 2014

Abstract
This article describes how Scotland is addressing the need to review structured diabetes

Advantage to suppose and second this on the national database Instance describes now Scouland is addressing the need to review structured dia a support self-management and record this on the national database. A National Education Coordinator (NEC) was appointed to lead the development of A National Education Coordinator (NEC) was appointed to lead the development or structured diabetes education. The NEC was supported by an education lead from the 14 national from nandiatric minority ethnic and nation drounce. STRICTURED GLADETES EQUICATION. THE NECL WAS SUPPORTED by an education lead from the health boards and representation from paediatric, minority ethnic and patient groups.

Through literature examples discreting discreting discreting and a consequence and a consequ And the property of the proper Through literature searching, discussion, workshops and a consensus approach, the criteria for structured patient education were developed appropriate for the Scottish context.

A non-acc to ravious adjustion programmes was established and ravious retrained in this role. A process to review education programmes was established and reviewers trained in this role.

A process to review education programmes was established and reviewers trained in this role. A process to review education programmes was established and reviewers trained in this Reviewers are professionals, patients and carers. Recording of education on the database Reviewers are professionals, patients and carers. Recording of education on the database utilises the process of education delivery. A website has been developed to host educational to other annountate information. resources and signpost people to other appropriate information. Sources and signpost people to other appropriate information.

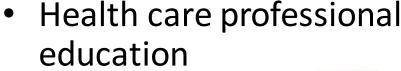
Four reviewed education programmes meet structured patient education criteria. Patients Pour reviewed education programmes meet structured patient education criteria. Patients the second of the national database. The



Education



- Patient Handbooks
- Leaflets
- Websites
- Pregnancy
- Insulin Pump starts
- Rolling Programs/Topics
- Education Days
- CGM starts
- Apps CHO/fitness







- On Line
- My Diabetes My Way
- Think Check Act

3rd Sector

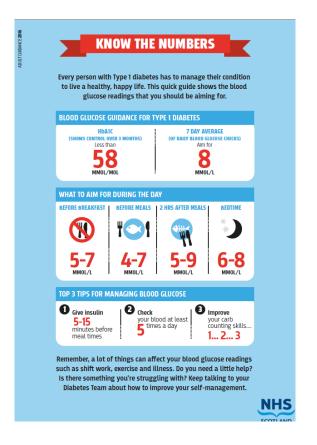




















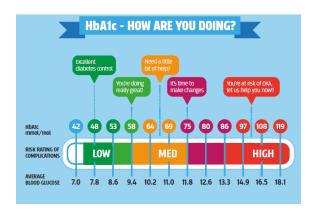








n the modules above you'll find a range of resources to help you learn more about diabetes and support people with the condition. You can complete the nodules in your own time but we recommend you complete them in order. When you exit the course, we'll save your progress for next time.



NEWLY DIAGNOSED WITH TYPE 2 DIABETES



NEWLY DIAGNOSED WITH TYPE 2 DIABETES

Diabetes UK is the leading UK charity for people affected by and at risk of diabetes. We're here with all the information, advice and support you might need to manage your condition well. We're here to put you in touch with others with diabetes, and campaign tirelessly for better care and improved healthcare services. Our world-class research changes lives and is bringing us closer to a future without diabetes.

This education pack is funded by The Scottish Government Diabetes Improvement Fund

*Mon-Fri, 9am-7pm. The cost of calling 0141 numbers can vary according to the provider. Calls may be recorded for quality and training purposes.

The information provided in this guide is correct at time of publication. It is not a substitute for seeing a healthcare proffessional and is not intended to replace the advice given by a healthcare professional.

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T: 0141 212 8710 1



NEWLY DIAGNOSED WITH TYPE 2 DIABETES

NEWLY

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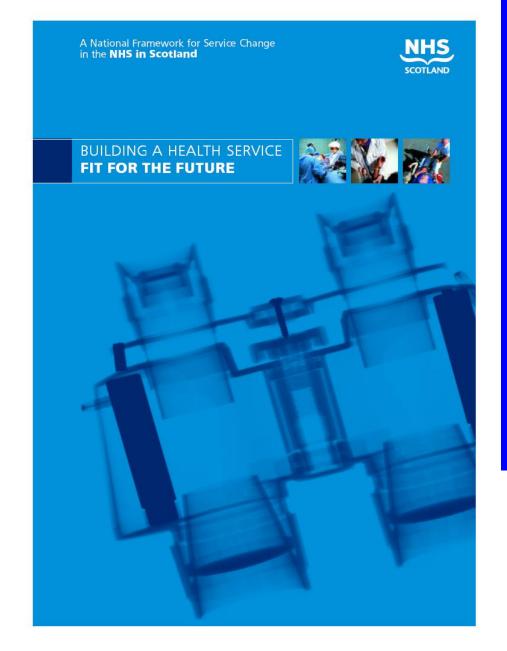
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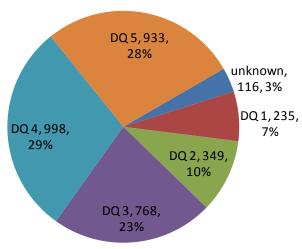
DIABETES SCOTLAND Shaping the Future Stirling 2018



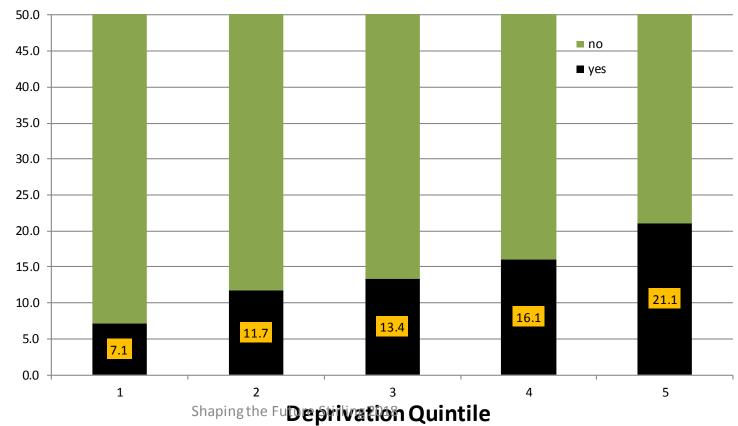
" The average person with diabetes will spend 3 hours with a Healthcare Professional and will take care of themselves for the remaining 8757 hours in a year"

0.034%

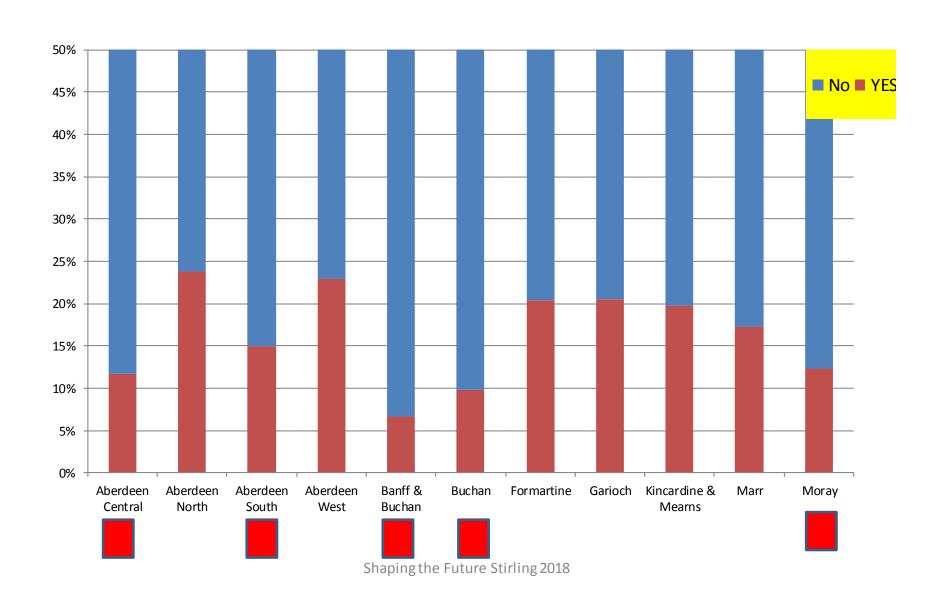
Type 1 Diabetes population: SIMD

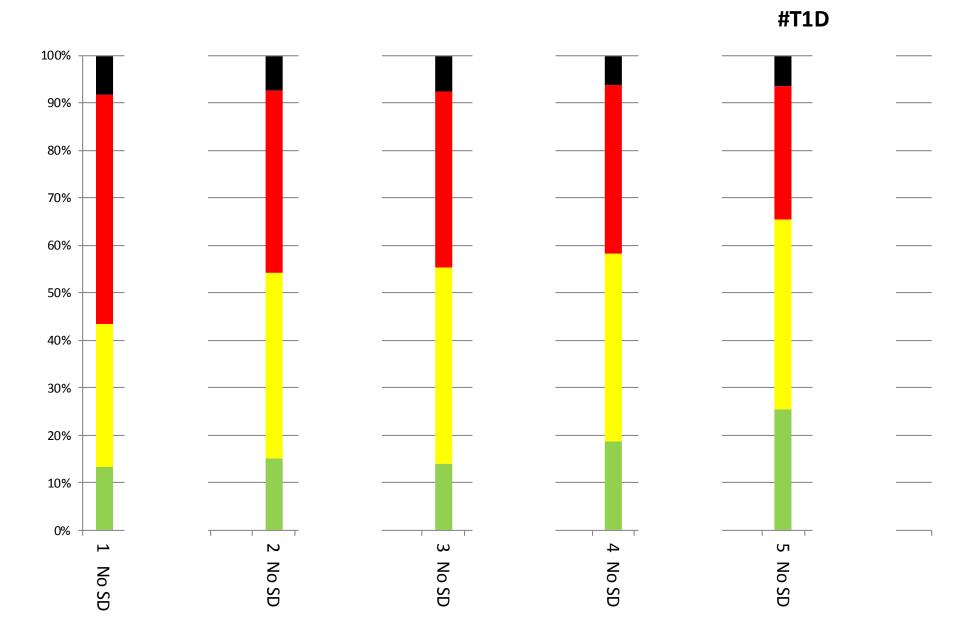


Uptake of Structured Education



Uptake of Structured Education













T.I.M eLearning

Home

My Record

My Learning

My Resources

Home

Insulin Management Home Page

Welcome To Insulin Management Online Learning Programme

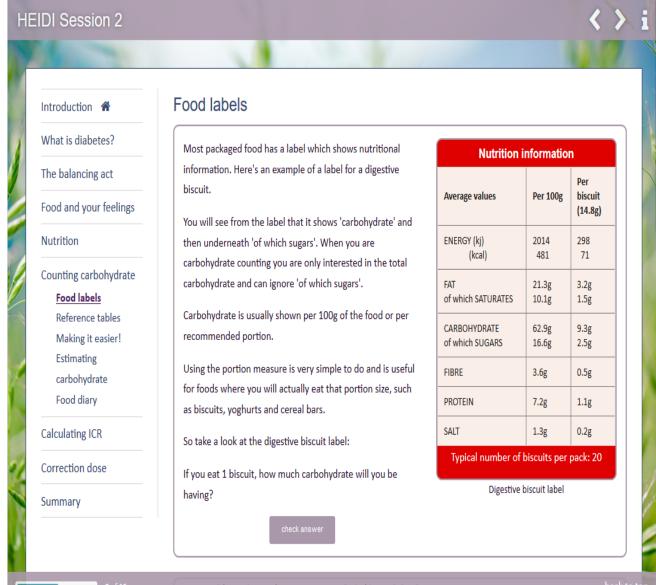
This online learning programme has been specifically designed to provide background information and practical advice to support people with type 1 diabetes to make living with diabetes easier and enable you to manage your diabetes more effectively. The content is based upon the Tayside Insulin Management Programme, or TIM as it is also known, which is an education programme for people with Type 1 Diabetes following a basal bolus insulin regimen. TIM was developed to enable people on this insulin regimen to:

- Learn all aspects of carbohydrate counting and insulin dose adjustment.
- Enhance their knowledge and skills in relation to their diabetes.
- Achieve maximum quality of life, while controlling blood glucose levels.
- Reduce the risk of long-term complications.

Carbohydrate counting gives you more choice and flexibility with the type and amount of food you eat. It can also help you maintain your blood sugar levels within your target ranges.



HEIDI ON-LINE





Introduction *

What is diabetes?

The balancing act

Food and your feelings

Nutrition

Counting carbohydrate

Calculating ICR

Correction dose

Summary

Nutrition

Nutrition is the process of taking food in for health and growth. It refers to all the nutrients that we need to survive and be healthy.

Recap from week 1: There are 5 main macro-nutrients, or big nutrients'. Click on each nutrient for more detail:

Protein

Fat

Carbohydrate

Fibre

Alcohol

Protein is made up of amino acids. These are essential nutrients needed for growth, repair and maintenance of the body.

Protein is found in a wide variety of foods, but is in higher amounts in foods such as meat, fish, eggs, nuts and beans.

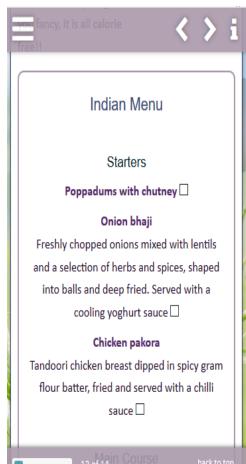
It contains 4kcal per gram and excess dietary protein is used as an energy source or stored as fat. Protein is broken down differently in the body to carbohydrate and so does not cause a big rise in blood glucose and so is not counted when carbohydrate counting.



Pixabay / CCO 1.0

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Diabetes Education Scotland



Home

Patient Education

Professional Education

Key Literature

Who's Who

Websites

News

Children and young people
Dietetics
Learning disabilities
Learning theories
Minority Ethnic groups
Patient Education
Professional
Self Management / Long

Term Conditions

Websites regarding Patient Education

There are various websites that support and develop patient education.

In Scotland, the Assessment of Patient Education in Diabetes in Scotland & Tool for the Assessment of Patient Education in Diabetes in Scotland (APEDS & TAPEDS) can be accessed here.

The Reviewers' Handbook for the Assessment of Patient Education in Diabetes in Scotland can be accessed here.

The Diabetes UK Fife voluntary group leads the way for people with diabetes in Fife.

Healthtalkonline is website with patient's stories supports people living with long term conditions like diabetes.

The Knowledge Network provides information and resources on caring for older people.

The <u>digital story library</u> holds a collection of short audiovisual stories about people's real-lived experiences of health and social care in Scotland.

The NHS Institute of Innovation and Improvement Diabetes in-patient workshop hosts patient stories on diabetes and its management in a hospital setting.

<u>Listen to Barbara</u>, as part of the patient voices programme, shares how diabetes lives with her, not Barbara living with diabetes.

Volunteers are often required for many aspects of patient care. Read more about volunteering here.







NHS



Vivien Swanson, Wendy Maltinsky, University of Stirling

Blended Lea

- •Two weeks pre
 - diary task
 - BCT questionnaire
- Training intervention Full DAY 1. 0,5 day 2
 - action and coping plans
 - satisfaction questionnaire
- 3 weeks post training
 - BCT questionnaire
- •6 weeks post-training
 - Email follow-up
- 3 months post training
 - BCT questionnaire

11 Boards
165 participants
Multiprofessional

The Consultation Framework

We use the MAP framework for delivering interventions and have related this to stages of a consultation to support the process of change. The remainder of this manual will look at the process of change in stages and the accompanying consultation framework and techniques as

MAP Behaviour Change Process: Techniques/Tools Consultation Framework Motivation, Action and Prompts Opening Agenda setting 01 **Agenda Setting** Open consultation 02 Typical day **Behavioural Satisfaction** Check for understanding 03 Behavioural Satisfaction Identify/agree behaviour **Share Information** 04 Share information Motivation M1 **Explore importance and confidence Identify specific** behavioural goal Reveal motivation **M2** Pros and cons of change Discuss options for Identifying goal(s) MЗ self-monitoring M4 Self-monitoring Action (using prompts) Planning Work out the plan including prompts to build and overcome Problem solving habits **ACTION** and Use of prompts and cues Behaviour A4 Rehearsing Establish social support Maintenance Reviewing and contracts Set review period and processes, Establish social support commitment and contract

The Diabetes Practitioners' M.A.P Health Behaviour Change Training Toolbox Manual

A good action plan should include the following elements (with examples):

ACTION PLAN	SAMPLE
What is the behavioural goal?	Ride my bike
When will I do it?	5 p.m. after work
When will I start?	On Tuesday the 16th of October
How often?	Monday, Tuesday and Thursday's
For how long?	30 minutes
How far?	I will cycle the high street and to the next village and back
Who will support me?	My husband; I know he'll come with me
How will I measure this?	l'II use an app
How will I know when I have achieved it?	I'll enter the data each data for 2 weeks and then review and I'll measure my heart rate too.
When will I review this plan?	In one month

A2: Problem Solving: Coping Plans

Action plans specify what and when to do something as well as the detail of how much and how often. However, it is easy for someone to revert to habit. Challenges or barriers can more easily be overcome if they are anticipated and planned for in advance (see Appendix 11 for a template).

Steps to Success

Small steps, taken slowly, build stairs to success...



- Theory based training in BCTs
- self-reported use of BCT in 50% of attendees at 6 week follow-up
- most plans (56%) were rated as high quality
- developing coaching and training network
- developing video clips of BCTs
- positively rated interactive activities and personal behaviour change
- range of professionals

Future plans –