

Healthcare Public Health

Anna Beaven

Dental Specialty Registrar in Dental Public Health

Phil Kirby

Screening & Immunisation Lead and Consultant in Public Health



Healthcare Public Health: principles

Applying public health sciences to the planning, commissioning and provision of healthcare services

- standards and requirements set by national bodies
- support healthcare providers to understand and utilise population health data, and existing health inequalities and the evidence base for improving population health and reducing inequalities
- support healthcare providers to interpret population health data and evidence and to undertake reviews of and assess the likely effectiveness and cost-effectiveness of interventions, developments and strategies on population health outcomes and identify gaps or deficiencies in current care potential improvements
- the development of population health policies and strategies and their implementation

Healthcare Public Health: examples

Specialised Commissioning

Screening & Immunisation Programmes

Dental Public Health

Input to the commissioning & delivery of other healthcare services from NHS trusts and other providers (commissioned by ICBs and Local Authorities)

Specialised Commissioning

Specialised Commissioning site:

<https://www.england.nhs.uk/commissioning/spec-services/npc-crg/>

National Programmes of Care:

The six NPoCs, supported by clinical reference groups:

- [Cancer](#)
- [Mental health](#)

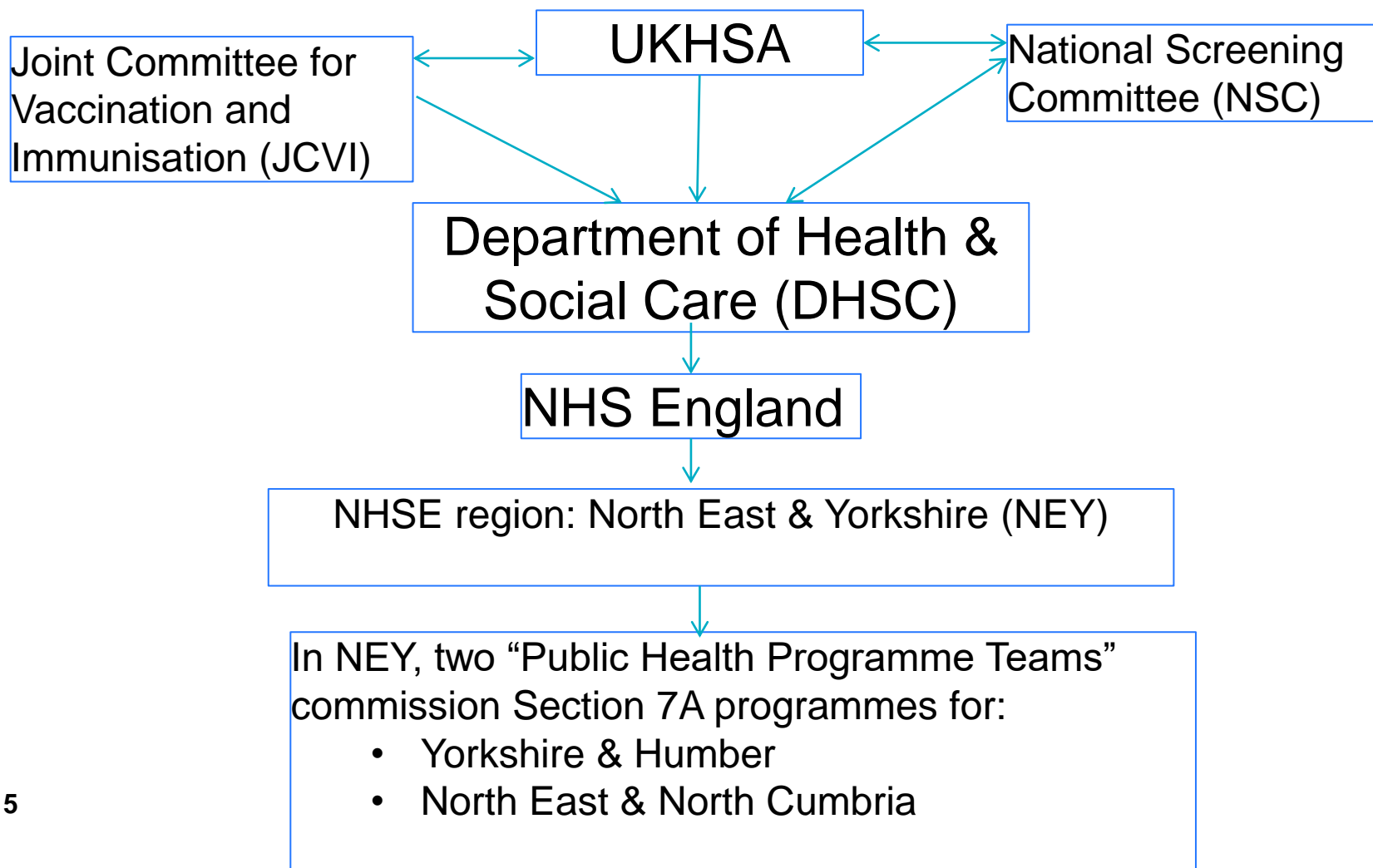
The following four NPoCs are grouped together as acute programmes of care:

- [Blood and infection](#) – infection, immunity and haematology
- [Internal medicine](#) – digestion, renal, hepatobiliary and circulatory system
- [Trauma](#) – traumatic injury, orthopaedics, head and neck and rehabilitation
- [Women and children](#) – women and children, congenital and inherited diseases.

Clinical reference groups not affiliated to a specific NPoC

- [Specialised Commissioning Medicines Optimisation Clinical Reference Group](#)
- [Gender Dysphoria Clinical Programme](#)
- [Armed Forces Clinical Reference Group](#)
- [Health and Justice Clinical Reference Group](#)
- [Genomics Clinical Reference Group](#)

“Section 7a Functions Agreement” – for Population Screening and Immunisation Programmes



Section 7a Screening Programmes

<https://www.england.nhs.uk/commissioning/pub-hlth-res/>



Cancer Screening Programmes

- NHS bowel cancer screening (BCSP) programme
- NHS breast screening (BSP) programme
- NHS cervical screening (CSP) programme

Adult and Young People's Screening Programmes

- NHS abdominal aortic aneurysm (AAA) programme
- NHS diabetic eye screening (DES) programme

Antenatal and Newborn Screening Programmes

- NHS foetal anomaly screening programme (FASP)
- NHS infectious diseases in pregnancy screening (IDPS) programme
- NHS newborn and infant physical examination (NIPE) screening programme
- NHS newborn blood spot (NBS) screening programme
- NHS newborn hearing screening programme (NHSP)
- NHS sickle cell and thalassaemia (SCT) screening programme

Childhood Vaccination

- Diphtheria
- Tetanus
- Pertussis (Whooping Cough)
- Polio
- Haemophilus Influenzae B (Hib)
- Pneumococcal
- Rotavirus
- Hepatitis B (routine since October 2017)
- Meningitis B
- Meningitis C
- Measles
- Mumps
- Rubella (German Measles)
- Flu



Adolescent Vaccination

- HPV Diphtheria
- Tetanus
- Polio
- Meningitis ACWY
- MMR (if not vaccinated)

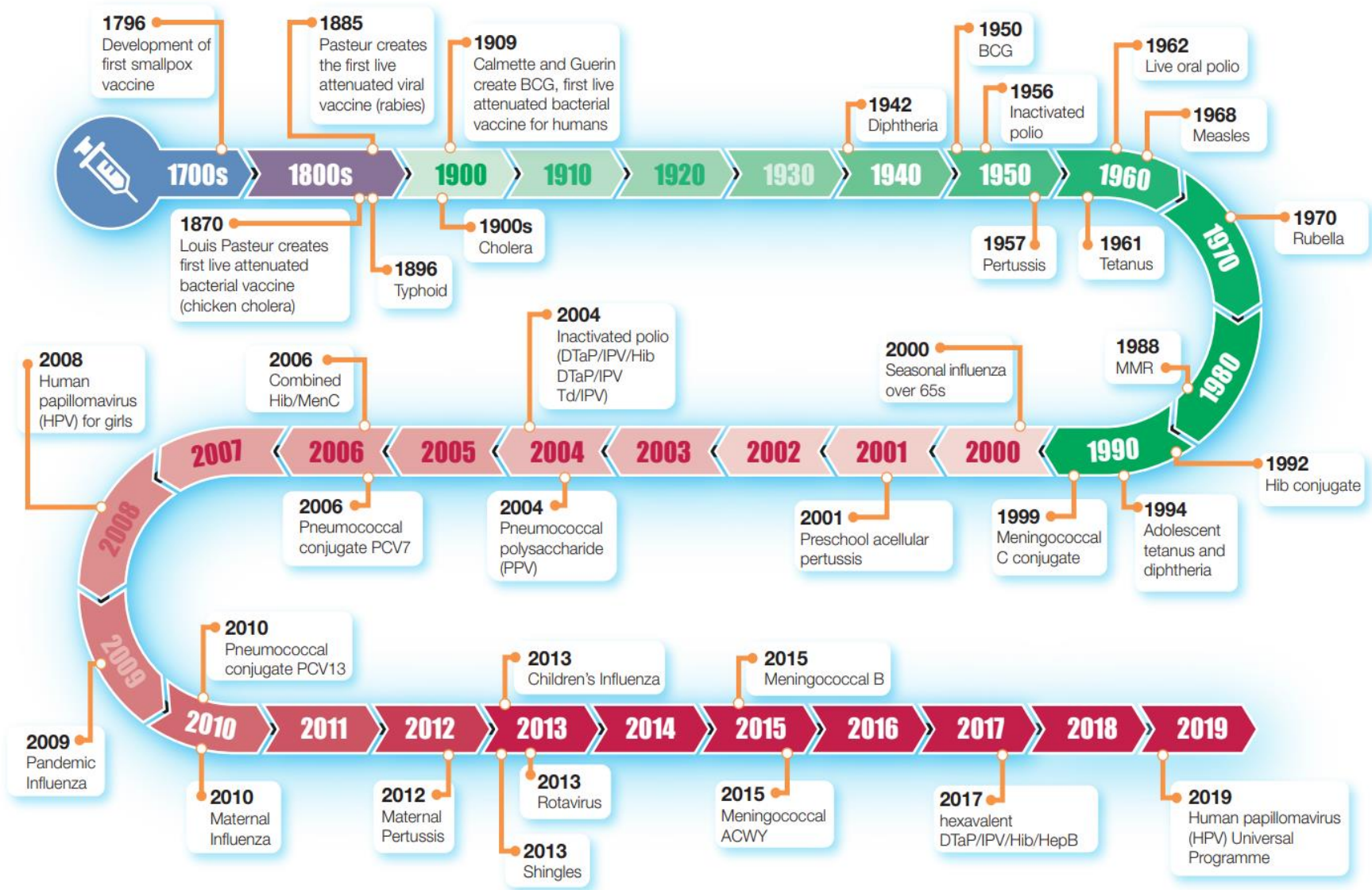
Plus: targeted vaccines for individuals with underlying medical conditions [see: Complete routine immunisation schedule from 1 September 2023 - GOV.UK (www.gov.uk).]

Adult Vaccination

- Flu (Over 65, Pregnant Women , At risk groups)
- Pertussis - Pregnant Women
- Shingles - 70 and 79 years (up to the 80th birthday)
- Pneumococcal - Over 65, At risk groups



Historical vaccine development and introduction of routine vaccine programmes in the UK



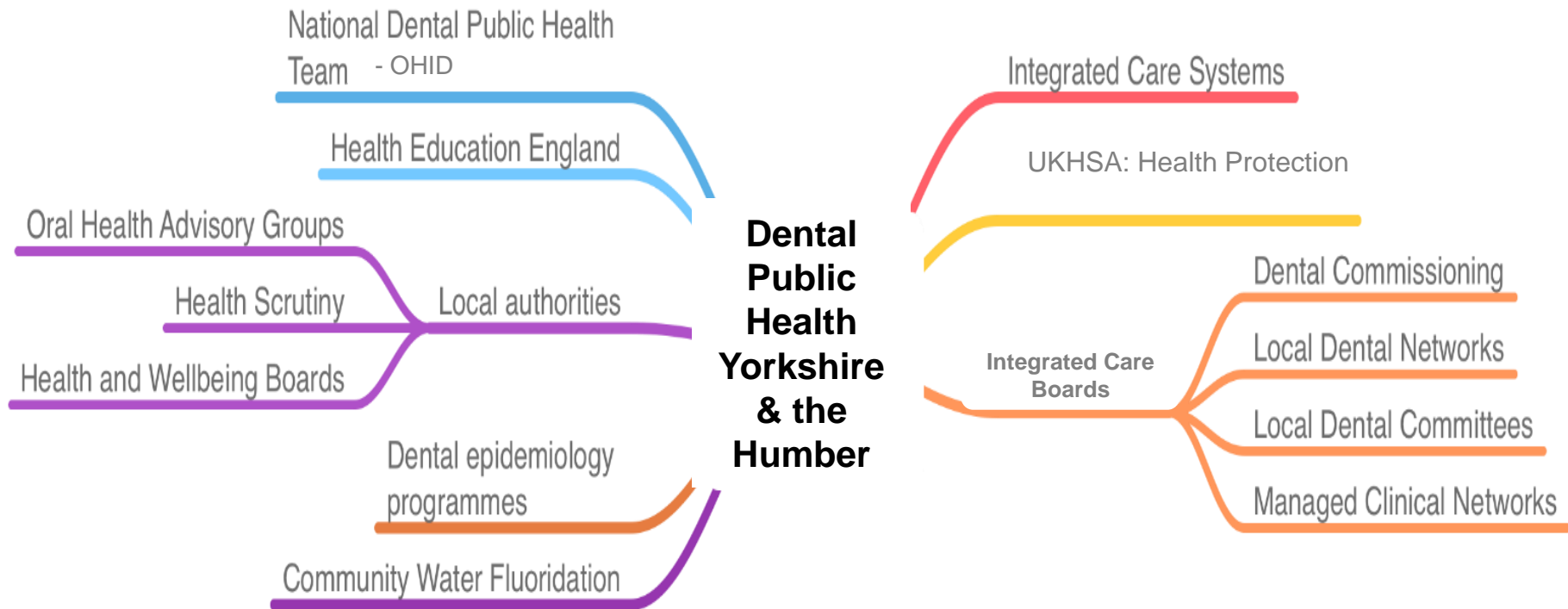
Public Health Commissioning of Section 7A programmes: processes

- National NHS Standard Contract
- National Screening and Immunisation “Service Specifications”
- Enhanced Service agreements
- Local contract negotiations and agreements with providers
- Gap analysis – compliance templates
- SDIP (Service Development Improvement Plans)
- CQUIN (Commissioning for Quality & Innovation)

- Role and scope of dental public health
- Dental services
- Oral health promotion
- Dental public health and general health



Dental Public Health - Role





Commissioned by
NHSE – contracts

Dental Schools by
Universities



General
Dental
Council

protecting patients,
regulating the dental team

Guidance

Delivering better oral health: an evidence-based toolkit for prevention

This is an evidence based toolkit to support dental teams in improving their patient's oral and general health.

From: [Office for Health Improvement and Disparities](#), [Department of Health and Social Care](#), [NHS England](#), and [NHS Improvement](#)

Published 12 June 2014

Last updated 9 November 2021 — [See all updates](#)



Dental checks: intervals between oral health reviews

Clinical guideline [CG19] Published: 27 October 2004

Guidance Tools and resources Information for the public Evidence History

Overview

- Introduction
- Recommendations
- Implementation in the NHS
- Recommendations for research
- Finding more information and committee details
- Update information

Guidance

[Download guidance \(PDF\)](#)

Next >

This guideline covers assigning recall intervals between oral health reviews that are appropriate to the needs of individual patients. The guideline takes account of the effect of dental checks on: people's wellbeing, general health and preventive habits; caries incidence and avoiding restorations; periodontal health and avoiding tooth loss; and avoiding pain and anxiety. It aims to improve or maintain patients' quality of life and reduce morbidity associated with oral and dental disease.

Oral health promotion



Local authorities improving oral health: commissioning better oral health for children and young people

An evidence-informed toolkit for local authorities

Bradford Babies
Bin the Bottle!
16 Jan-25 Feb 2023

Find out where you can pick up your FREE feeder cup and toothbrushing pack.

www.bdct.nhs.uk/bradford-babies-bin-the-bottle/

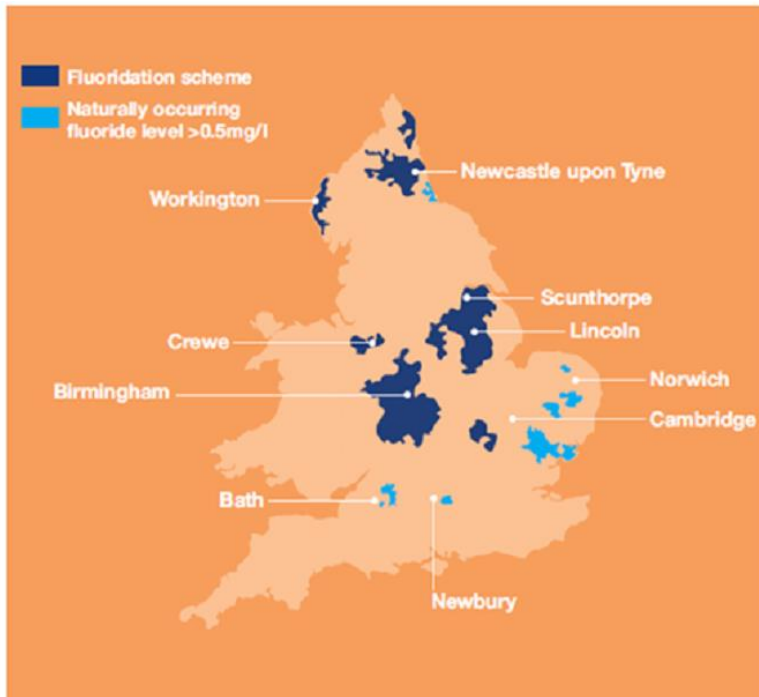
For parents/carers of babies aged over one

NHS
Bradford District Care
NHS Foundation Trust

Better Start BRADFORD **COMMUNITY FUND**

The poster features a cartoon baby sitting at a table with a pink feeder cup. It includes a QR code and icons of a toothbrush and a feeder cup.






Department
of Health &
Social Care

Consultation outcome

Water fluoridation: seeking views on future consultation process

Updated 20 July 2022

Applies to England

Why is dental public health important?



A **quarter** of 5-year-olds have tooth decay with on average **3 or 4** teeth affected



The majority of tooth decay in children under 6 was untreated

There were **7,926** episodes of children aged under 5 years having 1 or more teeth extracted in hospital because of tooth decay



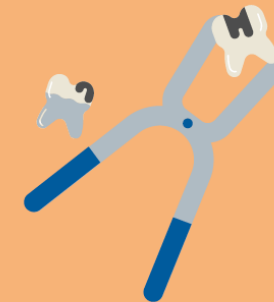
The average cost of a **tooth extraction** in hospital for a child aged 5 and under is

£836



£50.5m

was spent on tooth extractions among those under the age of 19 in 2015 to 2016

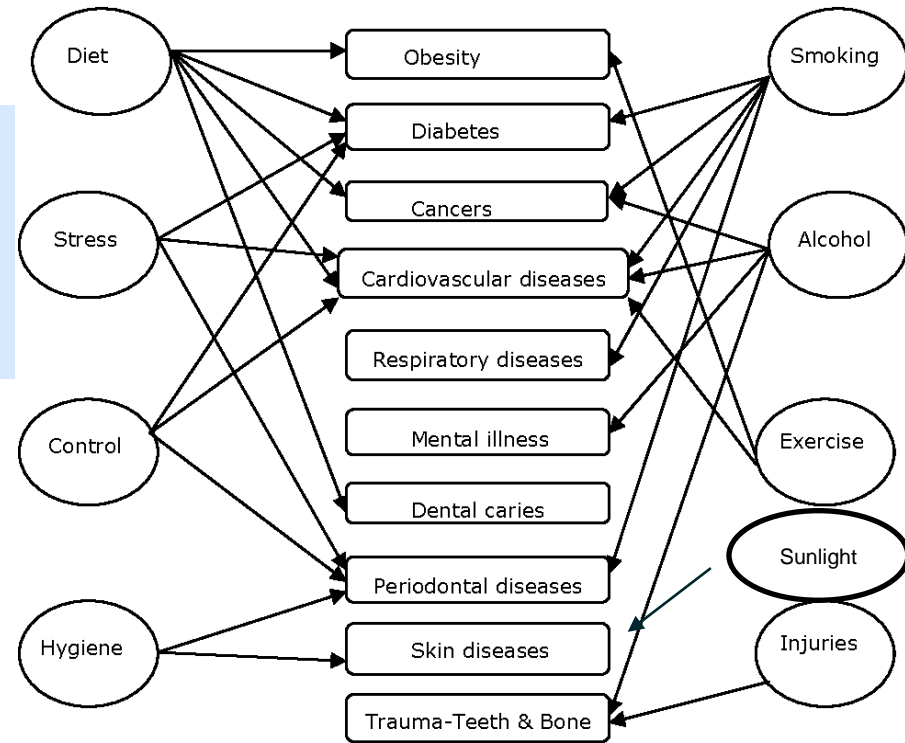


£7.8m

was spent on tooth extractions among the **under 5s**



Dental public health and general health



Thank you for listening
Any questions?

Any questions please feel free to contact:
phil.kirby1@nhs.net re: Screening and Immunisation
anna.beaven@nhs.net re: Dental Public Health