# Evaluation of the national rollout of the NHS Enhanced Service Incentive for weight management in primary care.

Anisa Hajizadeh, doctoral student Paul Aveyard, professor of behavioural medicine

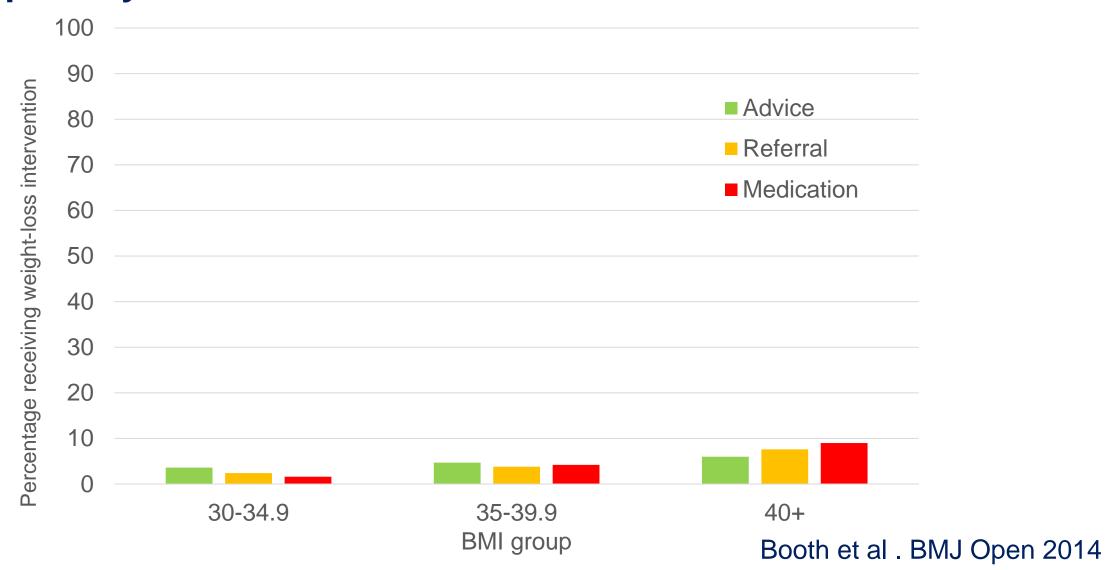




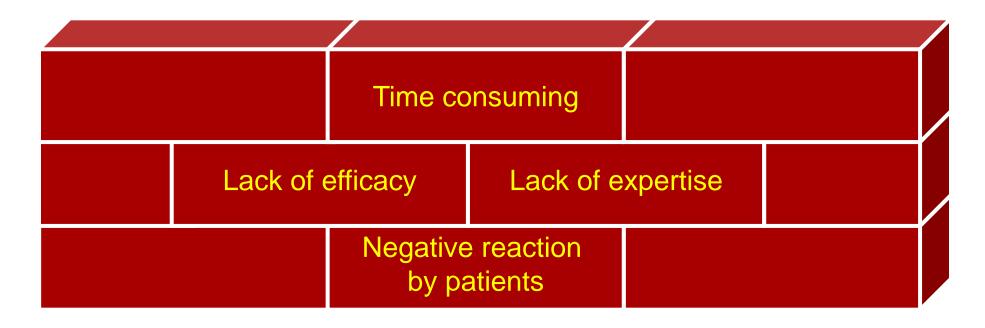
# The problem



# How common are weight-loss interventions in primary care?



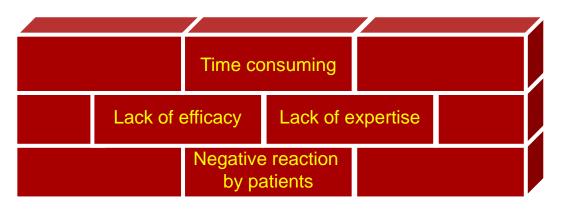
# Barriers for offering treatment

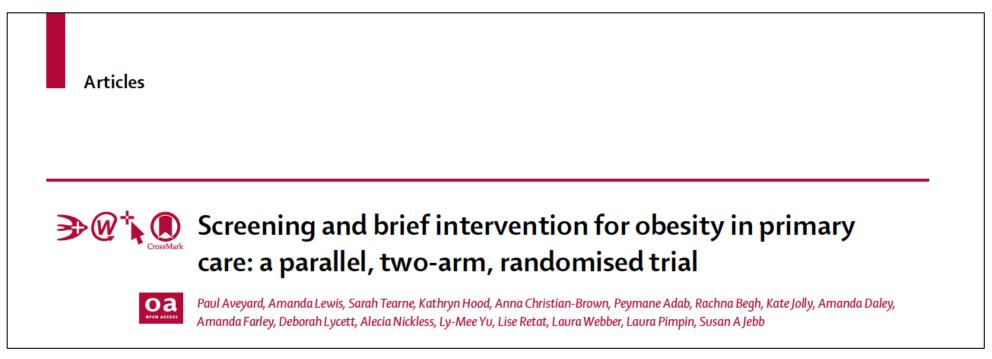


Addiction 2005: 100: 1423-1431

Obesity Reviews 2020; 22, e13151

# Ideas Research evidence



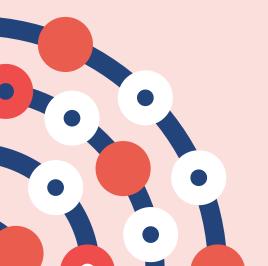


Lancet 2016; 388: 2492-500



# The new policy

considering 3I+2E; institutions, ideas, interests, external factors and ethics



# Ideas Research evidence



**Articles** 



Screening and brief intervention for obesity in primary care: a parallel, two-arm, randomised trial



Paul Aveyard, Amanda Lewis, Sarah Tearne, Kathryn Hood, Anna Christian-Brown, Peymane Adab, Rachna Begh, Kate Jolly, Amanda Daley, Amanda Farley, Deborah Lycett, Alecia Nickless, Ly-Mee Yu, Lise Retat, Laura Webber, Laura Pimpin, Susan A Jebb

Lancet 2016; 388: 2492–500

# External factors

## New diseases, media coverage

> Acta Biomed. 2020 Mar 19;91(1):157-160. doi: 10.23750/abm.v91i1.9397.

#### WHO Declares COVID-19 a Pandemic

Domenico Cucinotta <sup>1</sup>, Maurizio Vanelli <sup>2</sup>

Affiliations + expand

PMID: 32191675 PMCID: PMC7569573 DOI: 10.23750/abm.v91i1.9397

Free PMC article

#### **Abstract**

The World Health Organization (WHO) on March 11, 2020, has declared the novel coronavirus (COVID-19) outbreak a global pandemic (1). At a news briefing, WHO Director-General, Dr. Tedros Adhanom Ghebreyesus, noted that over the past 2 weeks, the number of cases outside China increased 13-fold and the number of countries with cases increased threefold. Further increases

March 11<sup>th</sup> 2020

# Coronavirus: Boris Johnson spends night in intensive care after symptoms worsen

(3 7 April 2020)





April 7th 2020

# Institutions

# Policy networks and legacies

NM202 / NM203 consultation report

# NATIONAL INSTITUTE FOR HEALTH AND CARE EXCELLENCE

#### INDICATOR DEVELOPMENT PROGRAMME

#### **Consultation report**

**Indicator area:** Obesity

Consultation period: 26 June 2020 – 15 July 2020

Date of Indicator Advisory Committee meeting: 04 August 2020

#### **Contents**

Summary of indicators included in the consultation	2
General comments on obesity indicators	
IND 2020-90: Obesity: all patients	
IND 2020-91 Obesity: patients with hypertension or diabetes	
Appendix A: Consultation comments	

# Institutions Policy legacies



July 27th 2020

# Ideas Personal experience



#### External factors

#### Release of major reports

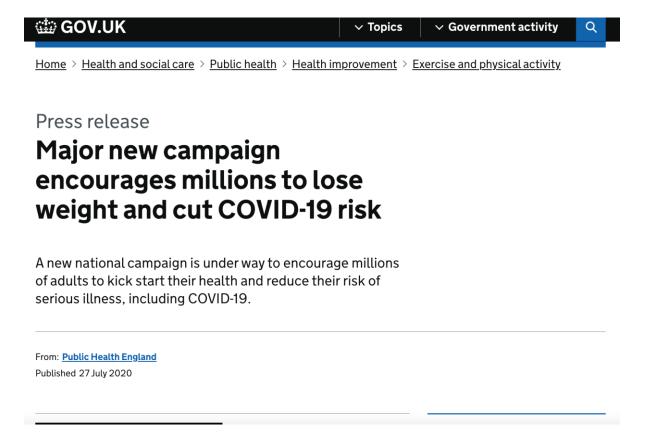


Protecting and improving the nation's health

#### **Excess Weight and COVID-19**

Insights from new evidence

July 24<sup>th</sup> 2020



July 27th 2020

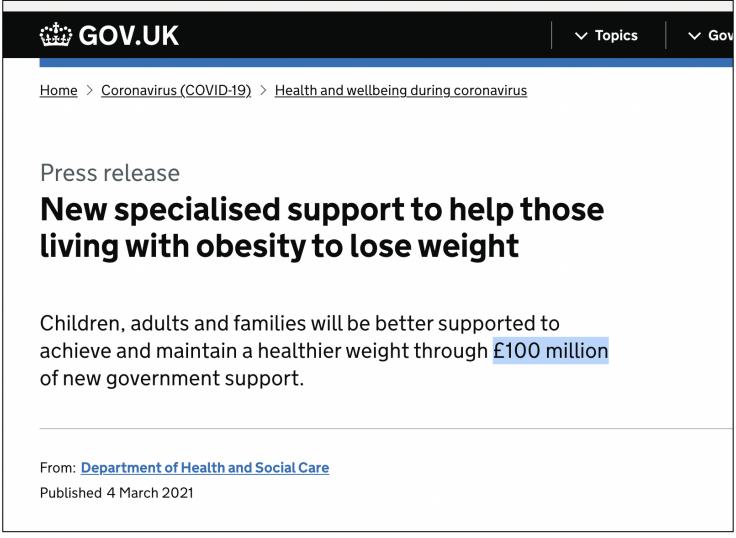
# Interest groups



January 21st 2021

# External factors

# Economic change

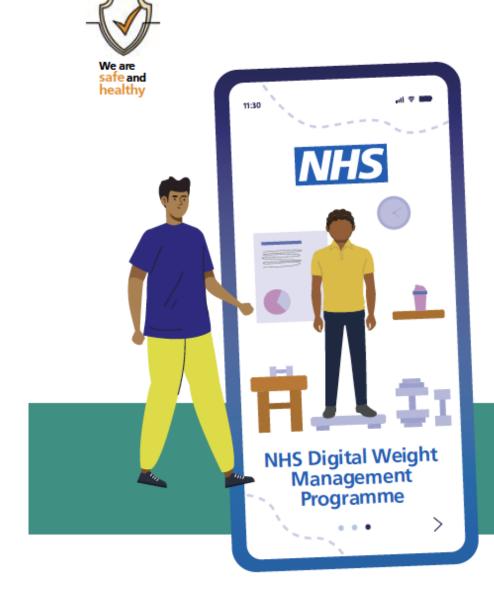


March 4th 2021

# The Enhanced Service for Weight Management



# Digital Weight Management Progamme







General Practice
Toolkit



# **NHS commissioned services:** focus on people in contact with health services

#### **Obesity services**

NHS services beyond weight management support:

- CCG commissioned tier 3 services and bariatric surgery
- Low calorie diets for people living with Type 2 diabetes supporting diabetes remission where possible.



#### **Currently commissioned**

#### High intensity offer

 NHS Diabetes Prevention programme. England-wide service providing face-to-face (currently remote) and digital products for people at high risk of diabetes\*

3 month programme, min. 16 hours contact over min. 13 sessions

## 120k adults/year

adults/year Non-diabetic hyperglycemia

Adults living with obesity (BMI 30+, with adjustment for ethnicity) who also have diabetes and/ or hypertension Approx. **4.6m adults**  Complement
services commissioned
by local government
by providing a digital
offer and additional
capacity

#### New offer

#### Intermediate offer

 Medium intensity intervention through NHS Digital Weight Management Programme. Supported digital or remote 12-week intervention, at three levels of intensity.

#### NUS Choices

#### Universal offer: low intensity intervention

 Recently launched 'Better Health' NHS app based on the revised NHS Choices 12 week weight loss programme. Adults living with overweight or obesity (BMI 25+, with adjustment for ethnicity) Approx. **26m adults** 

Level 3: Digital with

evel 2: Digital with

Level 1: Digital only

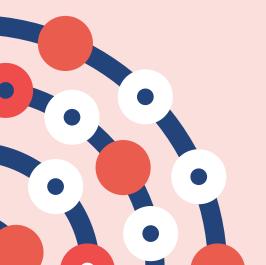
human coaching

human coaching plus

<sup>\*</sup>for those with non-diabetic hyperglycaemia: HbA1c 42-47mmol/mol, or fasting glucose 5.5-6.9mmol/l. There is no requirement for people referred to be living with overweight or obesity.



# The NESIE programme



PROBLEM

INTERVENTION TARGETS

**INTERVENTION PROCESSES** 

PROPOSED MEDIATING VARIABLES

OUTCOMES

 HCPs have low motivation to address obesity in patients with diabetes and/or hypertension Insufficient availability of weight management interventions to meet the need if practitioners did refer

#### • Practitioner adherence

Advice-givingReferrals to

**WMPs** 

Availability of WMPs

#### **HCP** capability

Providing instruction on how to refer (e.g. downloading GP template)
HCP education?

# Provision of weight management support (opportunities)

- •A new system for referrals
- •Increased availability of WMPs

### HCP motivation for addressing obesity

- •Rewarding practitioners for referrals
- •Health benefits of offering a referral to WMPs; empirical evidence underpinning intervention
- Ease of referral

# Modifying attitudes and beliefs about the importance of addressing obesity

- •Referring patients is worthwhile (intrinsic motivation)—
- •WMPs are effective
- Acceptance of role (fits into world view and GP notion of self-worth)

#### **Increased self-efficacy**

• Development of skills through practice

Confidence in the acceptability of referrals and WMPs

#### **Behaviours**

- Initiation of discussion about weight during consultations and offer advice (practice, reinforcement)
- Patient weighing/calculating BMI
- •Encouragement to take up offer of referral to WMPs

#### Patient outcomes

- •Gain awareness of WMPs
- •Increased participation in programmes\_
- Weight loss
- •Change in HbA1c
- •Change in blood pressure
- Acceptability

#### **Practitioner outcomes**

- •Frequency of weight management advice
- •Frequency of weight recording
- Number of referrals
- Acceptability
- Motivation and ability to make referrals

#### Local authority outcomes

- Motivation to promote providers/WMPs
- Acceptability

# Effects on practitioners

Practitioners want to do it

Qualitative interviews before and after implementation

Practitioners have the skills to do it

 Recordings of consultations comparing Scotland and England

 The capacity to support weight management is available  NHS England/local authorities commission services- describe these

# Effects on patients

Patients are motivated to attend

 Patients are effectively supported to lose weight

- Consultation recordings
- Analysis of data from QResearch to examine referrals: attendances
- Questionnaire to service users to assess experience
- NHS England data on weight loss

# Effects on patients contd

- Patients weight drops and blood pressure and glycaemia improves
- ORCHID data on referrals, weight change, BP change, glycaemia change



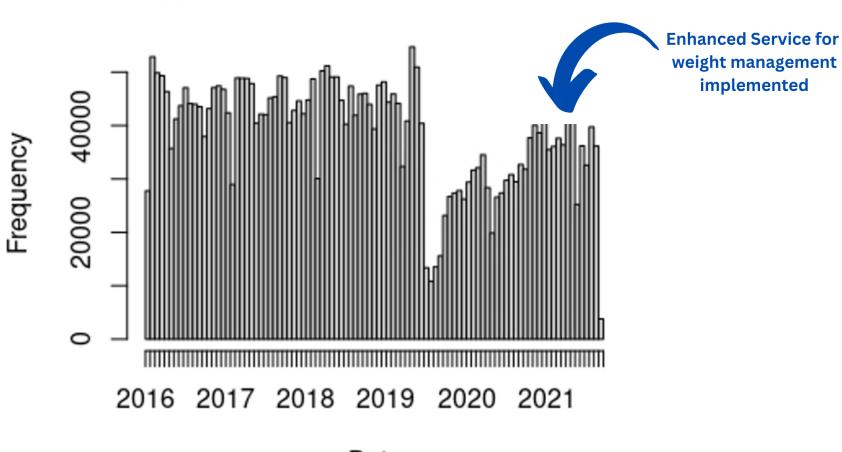


# Early output from the assessment of the effects on patients



### **Rates of weight advice**

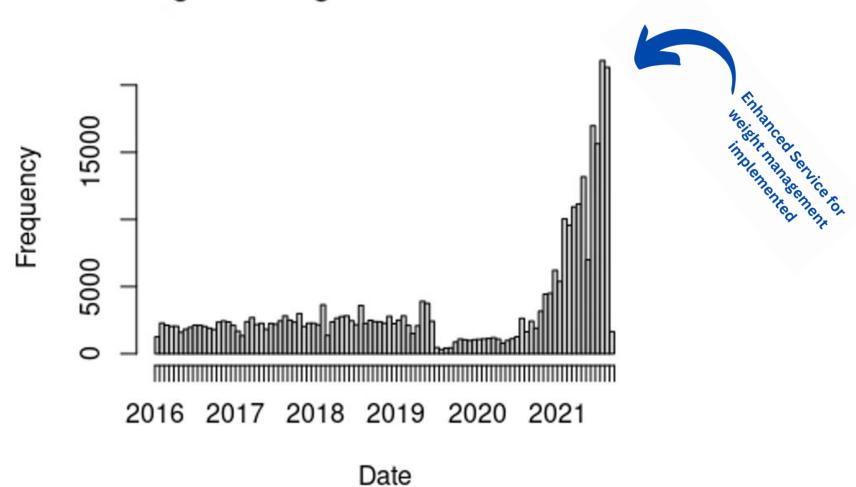
### Weight management advice given



Date

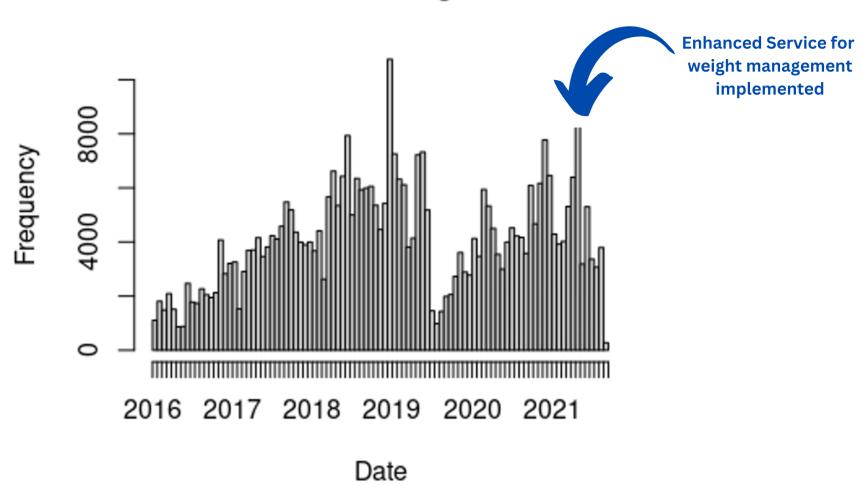
### Rates of referrals to weight management services

### Weight management referrals made



### Rates of referrals to diabetes prevention programme

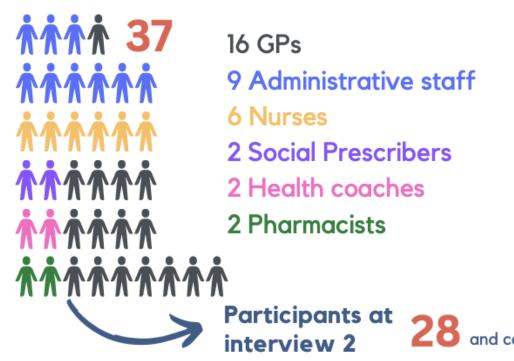
#### Diabetes Prevention Programme Referral



Primary care staff perceptions and experiences of weight management for patients living with obesity in the UK: a longitudinal qualitative study (in progress)

## Progress to date

Participants at interview 1



Primary care staff perceptions and experiences of weight management for patients living with obesity in the UK: a longitudinal qualitative study (in progress)

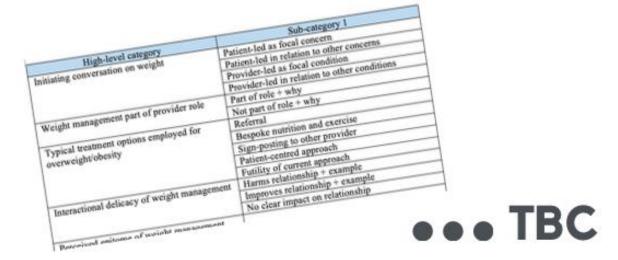
### **Working observations:**

**Interview 1** 

Interim interviews

Interview 2

#### Snapshot of working analytical framework for time 1



# Thank you very much for listening to us

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