

# BMJ Open Modified Policy-Delphi study for exploring obesity prevention priorities

Emily Haynes,<sup>1</sup> Claire Palermo,<sup>2</sup> Dianne P Reidlinger<sup>1</sup>

**To cite:** Haynes E, Palermo C, Reidlinger DP. Modified Policy-Delphi study for exploring obesity prevention priorities. *BMJ Open* 2016;**6**:e011788. doi:10.1136/bmjopen-2016-011788

► Prepublication history and additional material is available. To view please visit the journal (<http://dx.doi.org/10.1136/bmjopen-2016-011788>).

Received 4 March 2016  
Revised 3 August 2016  
Accepted 16 August 2016



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<sup>1</sup>Faculty of Health Science & Medicine, Bond University, Gold Coast, Queensland, Australia

<sup>2</sup>Monash University, Clayton, Victoria, Australia

## Correspondence to

Emily Haynes;  
[ehaynes@bond.edu.au](mailto:ehaynes@bond.edu.au)

## ABSTRACT

**Introduction:** Until now, industry and government stakeholders have dominated public discourse about policy options for obesity. While consumer involvement in health service delivery and research has been embraced, methods which engage consumers in health policy development are lacking. Conflicting priorities have generated ethical concern around obesity policy. The concept of 'intrusiveness' has been applied to policy decisions in the UK, whereby ethical implications are considered through level of intrusiveness to choice; however, the concept has also been used to avert government regulation to address obesity. The concept of intrusiveness has not been explored from a stakeholder's perspective. The aim is to investigate the relevance of intrusiveness and autonomy to health policy development, and to explore consensus on obesity policy priorities of under-represented stakeholders.

**Methods and analysis:** The Policy-Delphi technique will be modified using the James Lind Alliance approach to collaborative priority setting. A total of 60 participants will be recruited to represent three stakeholder groups in the Australian context: consumers, public health practitioners and policymakers. A three-round online Policy-Delphi survey will be undertaken. Participants will prioritise options informed by submissions to the 2009 Australian Government Inquiry into Obesity, and rate the intrusiveness of those proposed. An additional round will use qualitative methods in a face-to-face discussion group to explore stakeholder perceptions of the intrusiveness of options. The novelty of this methodology will redress the balance by bringing the consumer voice forward to identify ethically acceptable obesity policy options.

**Ethics and dissemination:** Ethical approval was granted by the Bond University Health Research Ethics Committee. The findings will inform development of a conceptual framework for analysing and prioritising obesity policy options, which will be relevant internationally and to ethical considerations of wider public health issues. The findings will be disseminated through peer-reviewed publications, conference presentations and collaborative platforms of policy and science.

## INTRODUCTION

Obesity prevalence continues to rise; no country has been successful in reversing the trend in the past 30 years.<sup>1</sup> The rising

## Strengths and limitations of this study

- The novelty of this method brings the under-represented voice forward to identify ethically acceptable obesity policy options.
- The findings will provide a shared understanding of the ethical concepts currently acting as barriers to policy implementation, to encourage the development of counteractive strategies.
- Participants will not represent the full spectrum of stakeholder perspectives in obesity; however, this study aims to redress the balance where certain groups currently dominate the obesity policy debate.
- The Delphi method relies on participant retention between rounds. To address this limitation, time-efficient surveys will be developed, and the initial options will be provided for the participants.

financial and societal cost of obesity and associated non-communicable disease has led to urgent calls to develop an effective preventative strategy at a global level, with the WHO advocating for cohesive implementation led by federal governments.<sup>2 3</sup>

There is a lack of empirical evidence to support policy decisions for population wide, complex public health issues such as obesity<sup>4 5</sup> and ethical concern around regulating individual choice in the context of obesity prevention strategies.<sup>6-9</sup> The concern of developing a 'nanny state' by restricting an individual's freedom has shifted focus towards individual responsibility;<sup>7-9</sup> however, the government's role in creating accountability for health promoting environments is recognised as integral to address the epidemic.<sup>7 10 11</sup>

Evidence-based policy in public health is known to be difficult to develop due to the practicalities of obtaining the 'high quality' evidence as traditionally valued in evidence-based medicine.<sup>12</sup> Where evidence for effective intervention is inadequate, stakeholders' opinions are highly valued by experts and may be a useful adjunct to inform policy decisions. Research supports the feasibility of involving a diverse range of stakeholders' perspectives in complex policy decisions;<sup>13 14</sup>

however, in the context of obesity, some perspectives are more dominant than others.<sup>15</sup> Vested interests within some stakeholder groups, in particular those of industry, have been suggested to stimulate conflicting priorities.<sup>16</sup>

In the absence of a common tool to guide obesity policy decisions, combining or adapting constructs of existing relevant frameworks may be appropriate to develop appraisal tools.<sup>17</sup> Valuable efforts are underway to monitor the progress of obesity-related policy implementation at national and international levels;<sup>11 18</sup> however, 'sophisticating' investigations of obesity interventions and policy processes, and exploring novel platforms for analysing obesity policy options, have been proposed as integral to accelerating action.<sup>12 17 19 20</sup> Mapping mutual components of feasible, acceptable and sustainable interventions may therefore be valuable for successful policymaking and implementation by government.

### Stakeholder engagement in research methods

Consensus and appraisals methods, such as the Delphi technique, have been successfully applied to explore priorities for public health issues, where evidence for effective policy is inconclusive.<sup>21–23</sup> The Delphi technique, in its original form, intends to gain consensus among 'experts' on strategic priorities where there is a lack of empirical evidence.<sup>24</sup> The technique traditionally uses a rank or rate approach to assess a variety of options. These options are delivered in consecutive rounds of survey style questions and feedback, and reassessment is encouraged until consensus is gained; however, modifications of the technique have enabled application to a variety of situations and topics.

In the context of obesity, the Delphi technique has been successful in identifying priorities from a solo perspective of 'experts',<sup>22</sup> but in the light of the diversity of stakeholders involved, there is a possibility to broaden the scope of 'expertise' to share opinion across diverse perspectives including local communities.<sup>23 25</sup> Anonymous sharing of group opinion allows participants to 'benchmark themselves' against peer responses,<sup>26</sup> and share opinion without potentially destructive group dynamics.<sup>27</sup> However, the diversity of priorities, shaped by vested interests, exposure, experience and knowledge, is extensive, and therefore achieving consensus on priorities between stakeholders for obesity may be unrealistic.<sup>23</sup>

One modification is the Policy-Delphi technique; this variation explores consensus and dissent, rather than aiming to achieve consensus,<sup>28</sup> and provides flexibility over the classic Delphi technique to enable diverse application to various situations.<sup>26 29</sup> The approach can be used to map overlapping priorities from different perspectives and identify mutual priorities across stakeholder groups and therefore is a valuable exercise for investigating complex public health issues such as obesity.<sup>26 28 30</sup> The technique facilitates an in-depth investigation which may detect limitations, considerations and

consequences of policy options which may enhance the value and success of policy implementation.<sup>26 31</sup> The diversity of stakeholders involved makes reaching consensus on priorities less feasible;<sup>23</sup> however, mapping perspectives may identify mutual concepts behind the most agreeable options to inform future research and practice. The technique provides an opportunity for participants to contribute equally, and offers additional options and comments throughout; in this respect, it gives all participants, including consumers, a voice in the complex debate.<sup>26</sup>

### A consumer-involvement movement

The public are underexploited in policy advocacy and the decision-making process;<sup>32</sup> however, experts recognise the value of the 'consumer voice' in ensuring that acceptable, relevant decisions are made both in primary care and the wider political environment. Indeed, public advocacy is required to mobilise policy action and support existing proposals which have been made in the interest of public health.<sup>32–34</sup> Therefore, a growing proportion of health research is engaging patients to identify priorities for research and practice and inform decisions, particularly towards medical treatment.<sup>13 23 35–40</sup>

All members of society are influenced to some extent by the physical, social and political environment, and therefore subject to the outcome of obesity policy implementation. The voice of industry and academia are suggested as particularly powerful in the obesity debate. In public health, the voice of consumers is rapidly becoming a more integral component to effective research on the priorities for action,<sup>16 39 41</sup> however, the translation of the findings into practice remains inadequate.

The James Lind Alliance advocates the value of patient-centred practice for identifying research gaps regarding treatment for health conditions. Their approach, termed 'Priority Setting Partnerships' (PSP),<sup>35</sup> was developed to bring the perspectives of the patient, carer and practitioner together, in isolation of vested interests, through transparent methodology, to identify treatment uncertainties which are important to both groups. The underlying principles of the PSP method, such as enabling transparency, enhancing consumer voice and reducing the influence of industry in decision-making, are relevant to the development of a framework to prioritise obesity policy in Australia.

### Frameworks for policy development

Ethical frameworks have been proposed as a way to classify and prioritise policy options to government, particularly where there is disagreement between stakeholders. In the UK, the Nuffield Council on Bioethics' 'Ladder of Intervention',<sup>42</sup> (box 1) has been used by policy-makers as an ethical framework to guide decisions on obesity policy through the concept of 'intrusiveness'.<sup>43</sup> The concept is based on the effect of policy to individuals' 'freedom',<sup>8</sup> and recent reviews and authors' unpublished observations suggest an association

## Box 1 The Nuffield Council on Bioethics' Ladder of Intervention<sup>\*38</sup>

- ▶ *Eliminate choice:* Regulate in such a way as to entirely eliminate choice, for example, through compulsory isolation of patients with infectious diseases.
  - ▶ *Restrict choice:* Regulate in such a way as to restrict the options available to people with the aim of protecting them, for example, removing unhealthy ingredients from foods, or unhealthy foods from shops or restaurants.
  - ▶ *Guide choice through disincentive:* Fiscal and other disincentives can be put in place to influence people not to pursue certain activities, for example, through taxes on cigarettes, or by discouraging the use of cars in inner cities through charging schemes or limitations of parking spaces.
  - ▶ *Guide choice through incentive:* Regulations can be offered that guide choices by fiscal and other incentives, for example, offering tax-breaks for the purchase of bicycles that are used as a means of travelling to work.
  - ▶ *Guide choice through changing the default policy:* For example, in a restaurant, instead of providing chips as a standard side dish (with healthier options available), menus could be changed to provide a more healthy option as standard (with chips as an option available).
  - ▶ *Enable choice:* Enable individuals to change their behaviours, for example, by offering participation in an NHS 'stop smoking' programme, building cycle lanes or providing free fruit in schools.
  - ▶ *Inform choice:* Inform and educate the public, for example, as a part of campaigns to encourage people to walk more or eat five portions of fruit and vegetables per day.
- Do nothing or simply monitor the situation*

\*The Ladder illustrates that public health interventions can be classified by a spectrum of levels intrusiveness. These range from the lowest (doing nothing) to the highest (eliminating choice) level of intrusiveness to individual choice.

between the level of intrusiveness to choice and the effectiveness of intervention.<sup>4</sup> Further research proposes that 'intrusiveness' and the notion of influencing 'freedom' can be better described through the term 'autonomy' whereby interventions can enhance or diminish an individual's autonomy in decisions concerning their health (table 1).<sup>44</sup> Public health interventions which enhance autonomy are generally more acceptable;<sup>45</sup> however, individual perspective may be governed by how one construes this concept around the original definition of libertarianism.<sup>46–48</sup>

The question of whether there is an association between intrusiveness and effectiveness is under explored. In spite of general assumptions that societal resistance prevents policymakers from implementing intrusive interventions, the extent to which intrusiveness alters stakeholder perception of policy priorities is unknown. Furthermore, the concepts themselves may be interpreted with variable meaning when applied to complex public health interventions.<sup>47–49</sup> There is no common understanding among stakeholder groups to define 'intrusiveness' or 'autonomy' in the context of obesity prevention, nor indication of its relevance in the policymaking

process. Further insight is required into how stakeholders perceive the intrusiveness of policy options for obesity and whether the concept is, or should be, relevant to policy prioritisation.

## METHODS AND ANALYSIS

### Design and objectives

This research employs the Policy-Delphi methodology,<sup>28</sup> modified and informed by the underlying principles of the James Lind Alliance approach to collaborative priority setting.<sup>13 35 40 50 51</sup> It will employ quantitative and qualitative methods of analysis to explore stakeholders' understanding of intrusiveness and autonomy, and to gain insight into their perspectives about the relevance of these concepts when considering obesity policy options.

The overarching aim of this study is to explore consensus on stakeholder priorities for obesity prevention policy in Australia, through the concepts of intrusion and autonomy.

The objectives are to:

1. Identify the perceived intrusiveness and the cost to autonomy of policy options prioritised by consumers, practitioners and policymakers.
2. Identify how stakeholders define concepts of intrusiveness and autonomy in the context of obesity policy, and the levels proposed by the Nuffield Council<sup>42</sup> and Griffiths.<sup>44</sup>
3. Determine the feasibility of using the modified Delphi methodology to prioritise and gain consensus, between stakeholder groups, on policy options for obesity prevention in Australia.
4. Identify the extent to which perceived intrusiveness, cost to autonomy and effectiveness govern prioritisation of policy options by stakeholders (box 2).

### Participants and recruitment

This study will recruit participants to represent three perspectives: consumers, public health practitioners and policymakers. Strict inclusion criteria will be applied to recruitment (box 3); stakeholders with any commercial conflict of interest, and academics who are not defined as public health practitioners or policymakers, will be excluded from participating. The novelty of this method lies in exploring under-represented perspectives, aligned with values of the James Lind Alliance and the need for strong, impartial evidence and guidance.<sup>10 35</sup> Industry's influence on obesity policy progress is recognised,<sup>10 52</sup> and the academic voice is commonly represented in government advisory groups and funded research. The perspective of consumers and public health practitioners is disproportionately represented in the policy process, but is valued as a way to progress policy through public mobilisation: an enabler to political will.<sup>52</sup> Additionally, the value of including policymakers in the research process is underpinned by their integral role in successful research translation and dissemination.<sup>53 54</sup>



**Table 1** A balanced intervention Ladder\*<sup>40</sup>

+5?	<i>Collective self-binding:</i> For example, a decision by a community, after debate and democratic decision-making, to ban the local sale of alcohol.
+4	<i>Enable choice:</i> Enable individuals to change their behaviours, for example by offering participation in an NHS 'stop smoking' programme, building cycle lanes or providing free fruit in schools.
+3	<i>Ensure choice is available:</i> For instance, by requiring that menus contain items that someone seeking to maintain health would be likely to choose.
+2	<i>Educate for autonomy:</i> For example through a media studies curriculum which shows children how to recognise the techniques used to manipulate choice through marketing or by banning marketing primarily targeted at children.
+1	<i>Provide information:</i> Inform and educate the public, for example, as part of campaigns which inform people of the health benefits of specific behaviours.
0	<i>Guide choice through changing the default policy:</i> For example, in a restaurant, instead of providing chips as a standard side dish (with healthier options available), menus could be changed to provide a more healthy option as standard (with chips as an option available).
0	<i>Do nothing or simply monitor the situation</i>
-1	<i>Guide choice through incentive:</i> Regulations can be offered that guide choices by fiscal and other incentives, for example, offering tax-breaks for the purchase of bicycles that are used as a means of travelling to work.
-2	<i>Guide choice through disincentive:</i> Fiscal and other disincentives can be put in place to influence people not to pursue certain activities, for example, through taxes on cigarettes, or by discouraging the use of cars in inner cities through charging schemes or limitations of parking spaces.
-3	<i>Restrict choice:</i> Regulate in such a way as to restrict the options available to people with the aim of protecting them, for example, removing unhealthy ingredients from foods, or unhealthy foods from shops or restaurants.
-4	<i>Eliminate choice:</i> Regulate in such a way as to entirely eliminate choice, for example, through compulsory isolation of patients with infectious diseases.

\*The Balanced Ladder suggests that public health interventions can be classified across a spectrum of levels according to their influence on autonomy. These levels range from autonomy-diminishing (eliminate choice), to autonomy-enhancing (enable choice).

## Box 2 Study outcomes

### Primary outcomes:

- ▶ Obesity-related policy priorities from public interest stakeholders.
- ▶ Intrusiveness and cost to autonomy of stakeholder recommendations.
- ▶ A definition or shared understanding of 'intrusiveness' and 'autonomy' to inform future research.
- ▶ Feasibility of conducting a modified-Policy Delphi study for obesity policy research.
- ▶ Feasibility of gaining consensus across multiple stakeholder groups.

### Primary target for dissemination:

- ▶ Public health practitioners
- ▶ Policymakers (governmental and non-governmental)
- ▶ Research
- ▶ Consumers

Relevant individuals will be identified, first, through a review of submissions to the Government Inquiry into Obesity (2009). The study details will be further distributed through social media advertisement and established professional networks of the researchers. A purposive sampling and 'snowballing' technique will be used to recruit an information-rich sample of 60 interested participants for the first online survey, including a minimum of 20 from each of the three stakeholder perspectives. There is no consensus on the optimal number of participants required for a Delphi; however, existing research suggests that a purposive sample of this size is sufficient to explore group perspectives and encourage participant

retention between rounds.<sup>22 26 55–57</sup> In accordance with a previously successful Delphi study design,<sup>22 58</sup> a subsequent smaller sample will participate in face-to-face discussion (n=12–30; from the original 60 recruited for the online survey); this enables prioritised options to be informed by a diverse sample, while also ensuring that the environment is conducive to uninhibited participation during group discussion.<sup>35 59 60</sup> The Delphi sampling methodology is purposive and inherently biased, as the technique aims to capture rich cases of those with an interest, experience or investment in obesity policy.

## Delphi procedure

This modified Policy-Delphi study is structured as a three-round Delphi survey conducted online, followed by a one-day face-to-face discussion workshop, as illustrated in figure 1.

## Phase 1: online survey

A list of 30 relevant policy options will be informed by submissions made to the Australian Government Inquiry into Obesity (2009), and nationally relevant food policy recommendations, as identified by the INFORMAS framework.<sup>18</sup> The list will be translated to a survey-style format, and coded under key domains according to setting and target behaviour. The list will represent policy options of various levels of intrusiveness to choice, and cost to the individual's autonomy, as defined by the two previously mentioned ethical frameworks for public health policy (the 'Ladder of Intervention'<sup>42</sup> and

### Box 3 Participant eligibility criteria

#### Inclusion criteria

1. Adults over 18 years of age.
2. Australian resident (we will aim to recruit representation across states).
3. English speaking.
4. Able to provide voluntary consent.
5. Access to a computer, tablet or electronic device and an internet connection to enable completion of the online survey.
6. Must exclusively meet one of the following group inclusion criteria:
  - a. *Public health practitioners*: Individuals must be employed by an organisation recognised as relevant in obesity (ie, NGO, health professional).
  - b. *Policymakers* (including representatives from government departments, or non-government organisations): Individuals must be employed by a local, state or federal government level department and preferably hold a position concerning policy development, or employed by a non-government organisation and hold a position concerning policy development.
  - c. *Consumers*: Individuals must not meet any of the inclusion criteria for groups (a) and (b). They may represent the general community, and will include, for example, parents, workplace managers/staff and teachers.

#### Exclusion criteria

1. Individuals affiliated with industry through: employment; publicly declared competing interest; in receipt of funding which may influence their contribution; other recognised association.<sup>35</sup>
2. Academics: defined as those employed in a research community who are not also public health practitioners or policymakers.<sup>31</sup>
3. Any individual in receipt of funding which may influence their contribution to the prioritisation process.<sup>35</sup>
4. People with a cognitive impairment that prevents them from providing informed consent and understanding the nature of the study.

Balanced Ladder<sup>44</sup>). Each option will be sufficiently detailed to enable categorisation.

Survey Monkey (SurveyMonkey, California, USA) software will be used to develop and distribute each round. Participants will be emailed a link to the survey and invited to complete the first round within 3 weeks; a reminder will be sent if no response is obtained after 14 days.

In round 1 (R1), participants will be advised to read a list of 30 policy options (figure 1). They will be invited to rate each policy option using five-point Likert scales, through four constructs defined in table 2: Priority, Intrusiveness, Cost to Autonomy and Predicted Effectiveness. Participants will be invited to add their own option(s) if those provided do not relate to their preference.

We anticipate some diversity between each group's abilities to prioritise effectively and discriminate between options<sup>23</sup> which will be reported with the study results. To enhance the usability of the data, we will encourage all participants to use the full scale provided, and consider their choice as rankings as well as ratings.<sup>23</sup>

Responses to R1 will be pooled with others from the respective stakeholder group. The collective median and

IQR of each rating will be calculated independently for each stakeholder group. The median scores for each option will be redistributed in the second round (R2) and participants invited to rerate the 30 options in the light of their peers' response (figure 1). Their individual rating from R1 will be provided as the default, and each option will be colour coded according to the median score for intrusiveness (4–5 red, 3 yellow, 1–2 green).<sup>23</sup>

Responses from R2 will be pooled by stakeholder group, and the median and IQR recalculated for each. In R3, the options will be redistributed and displayed in order of intrusiveness, as ranked by the median scores. Participants will be invited to rerate for a final time (figure 1).

The responses to R3 will be totalled to provide a sample of high priority options, the level of consensus within groups (defined by the IQR) and the median rating of intrusiveness, predicted effectiveness and cost to autonomy for each option. Intergroup similarities and differences will be analysed and reported.

#### Phase 2: discussion group

A subgroup of participants who complete all three rounds will be invited to attend the final phase of the study: a face-to-face discussion group. Purposive sampling will be employed as previously described.

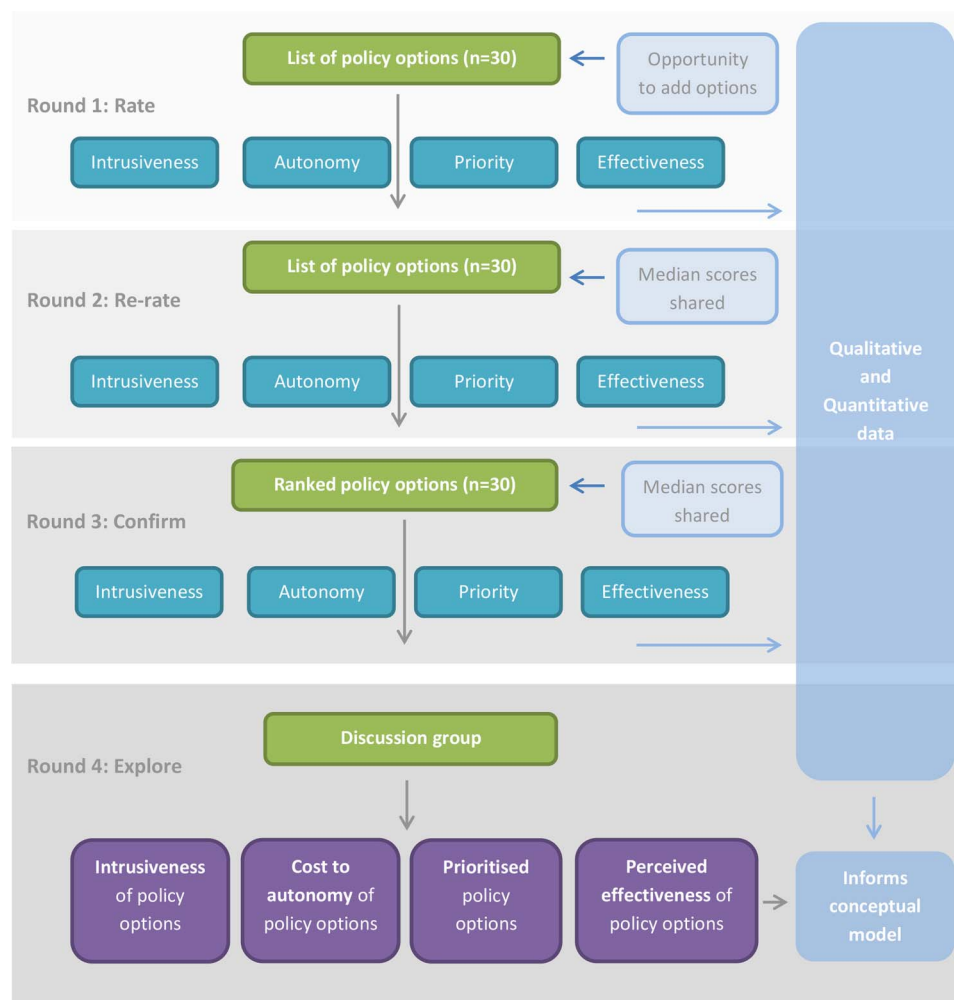
A full day will be allocated and the entire session will be audio recorded. A six-part programme will be delivered during the discussion as detailed in supplementary information (see online supplementary additional file 1). In short, the lead investigator will initiate discussions and group activities designed to elicit the reasoning for the priorities will be identified through the surveys. This will include the rating and relevance of intrusiveness, cost to autonomy and evidence for effectiveness for the options, and participants' interpretation of the concepts of 'intrusiveness' and 'autonomy'. The day will conclude with a final consensus building exercise on the relevance of the concepts discussed, to the identified priorities for implementation.

#### Data analysis

Quantitative data will be collected from the surveys which will be analysed using basic descriptive statistical tests; frequency, median and IQR.<sup>22 23 54</sup> The quantitative summary of the combined responses from each stakeholder group will be calculated and distributed to participants in each round. Comparative analysis of similarities and disparities between stakeholder groups will also be undertaken, but not made available to participants in subsequent rounds of the survey. An IQR<1 will be used to indicate consensus for each of the four constructs, and a median priority score between 4 and 5 will define an option as high priority. The median scores for intrusiveness, the cost to autonomy and likely effectiveness will score the option as very low (1), low (2), moderate (3), high (4) or very high (5).

Qualitative data will be collected from the discussion group and will include an audio recording of the full day

**Figure 1** Flow diagram to illustrate the modified Policy-Delphi process.



**Table 2** Definition of commonly used terms

Term	Definition
Priority	<i>Ranked importance when compared against other options.</i> High priority: Most relevant option. Must be implemented. Priority: Significant importance. Second-order. Low priority: Little importance. Not determining factor to major issue. Unimportant: No relevance. Not for consideration. <sup>55</sup>
Intrusiveness	The level of intrusion or interference on one's choice to consume healthy or unhealthy food; engage in physical activity or sedentary behaviours; participate in another behaviour which directly affects energy balance, weight gain, loss or maintenance at a given time, within the implemented setting.
Cost to autonomy	The extent to which an option influences one's capacity to self-rule or regulate.
Predicted effectiveness	The perceived, comparative success of a policy option in reducing obesity prevalence, if fully implemented.
Policy option	Any federal, state or local government-led policy action.

and photographs of any visual representations provided by the participants (ie, white board work). The recording will be transcribed verbatim and all data will be managed in NvivoV.10 software. Thematic analysis will be conducted using a framework approach, as recommended and commonly employed by qualitative research with similar objectives.<sup>59–61</sup> The transcript will be read and open-coded by one researcher. The text will be reread, and the codes refined. All coded data will be

subsequently clustered into categories to create themes. A constant comparative approach will be used to ensure consistency,<sup>62</sup> and effort will be made to identify dominant, marginalised or disconfirming data. The data will be charted to provide samples and direct quotes as descriptive examples for each provisional theme. A second researcher will independently analyse the discussion transcript using the same approach and the researchers will come together to verify the key themes.



From the transcripts and derived themes, the researchers will attempt to develop shared understandings of the key constructs (intrusiveness, autonomy) that represent the views of the participants. If consensus on priority options is obtained, these will be included in the final results; however, this is not the primary objective of the study.

The Delphi method has been modified previously to suit the purpose and context of different research questions. The proposed modification facilitates anonymous and face-to-face interaction between participants, to provide quantitative and qualitative data to explore the relevance of the concepts to key perspectives, as supported by existing methods in policy research.<sup>4 63–66</sup>

## Ethics and dissemination

We aim to use the findings to inform a conceptual framework for analysing and prioritising obesity policy options, which may be applied to strengthen proposed frameworks for obesity policy implementation.<sup>33 34 67</sup> The framework will be relevant internationally and to the ethical considerations of wider public health issues. The findings of this study are particularly relevant to the recent movement towards consumer engagement in health research and policy development, which suggests that all members of society may hold expertise in the acceptability of public policy implementation, through knowledge, experience or simply exposure to the lived environment.<sup>13 16 23 36 39 41 66 68 69</sup> Furthermore, involving policymakers is considered integral to the successful translation of the findings to practice, and therefore dissemination of the results to those who participated will be considered a priority.

The findings will be disseminated through peer-reviewed publications, conference presentations and collaborative platforms of policy and science. They will provide a novel insight into the perspectives of those under-represented in the obesity debate, on the concept of government intrusion to individual choice: a recognised barrier to government-led implementation of obesity prevention policies,<sup>9 47 70</sup> to encourage the development of counteractive strategies. Furthermore, where the value of health research in policy process is gaining interest,<sup>53 71</sup> this research investigates potential research methods for informing policy in public health.

## Delphi study status

The list of options and first round survey have been developed and will be piloted internally. The first round survey will be disseminated in September 2016 and the final discussion group is scheduled for November 2016. A paper reporting the results of the Policy-Delphi is anticipated for submission in December 2016.

**Acknowledgements** The authors would like to acknowledge the supervisory support of Professor Paul Glasziou and Professor Roger Hughes in the conception of this study within a broader research project.

**Contributors** EH conceived the study, contributed to the study design and drafted the manuscript. DPR and CP have made substantial contributions to the study design and have revised and approved the final version of the paper.

**Funding** EH is supported by a postgraduate scholarship at Bond University.

**Competing interests** None declared.

**Ethics approval** Bond University Health Research Ethics Committee.

**Provenance and peer review** Not commissioned; externally peer reviewed.

**Data sharing statement** All survey questionnaires will be available on request from the corresponding author.

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