

Harmful gambling: identification, assessment and management

[J] Interventions to improve access

NICE guideline number tbc

*Evidence review underpinning a research recommendation in
the NICE guideline*

October 2023

Draft for consultation

Disclaimer

The recommendations in this guideline represent the view of NICE, arrived at after careful consideration of the evidence available. When exercising their judgement, professionals are expected to take this guideline fully into account, alongside the individual needs, preferences and values of their patients or service users. The recommendations in this guideline are not mandatory and the guideline does not override the responsibility of healthcare professionals to make decisions appropriate to the circumstances of the individual patient, in consultation with the patient and/or their carer or guardian.

Local commissioners and/or providers have a responsibility to enable the guideline to be applied when individual health professionals and their patients or service users wish to use it. They should do so in the context of local and national priorities for funding and developing services, and in light of their duties to have due regard to the need to eliminate unlawful discrimination, to advance equality of opportunity and to reduce health inequalities. Nothing in this guideline should be interpreted in a way that would be inconsistent with compliance with those duties.

NICE guidelines cover health and care in England. Decisions on how they apply in other UK countries are made by ministers in the [Welsh Government](#), [Scottish Government](#), and [Northern Ireland Executive](#). All NICE guidance is subject to regular review and may be updated or withdrawn.

Copyright

© NICE 2023. All rights reserved. Subject to [Notice of rights](#).

ISBN:

Contents

Interventions to improve access to gambling treatment services	6
Review question	6
Introduction	6
Summary of the protocol	6
Methods and process	7
Effectiveness evidence.....	7
Summary of included studies.....	8
Summary of the evidence.....	8
Economic evidence	8
Economic model.....	8
The committee’s discussion and interpretation of the evidence	8
Recommendations supported by this evidence review	9
References – included studies.....	9
Appendices	10
Appendix A Review protocols	10
Review protocol for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?	10
Appendix B Literature search strategies	19
Literature search strategies for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?.....	19
Effectiveness searches.....	19
Economics searches	31
Appendix C Effectiveness evidence study selection	43
Study selection for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?	43
Appendix D Evidence tables	44
Evidence tables for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?	44
Appendix E Forest plots	45
Forest plots for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?	45

Appendix F	GRADE and/or GRADE-CERQual tables (or other full modified GRADE tables)	46
	GRADE tables for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?.....	46
Appendix G	Economic evidence study selection	47
	Study selection for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?.....	47
Appendix H	Economic evidence tables	48
	Economic evidence tables for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?.....	48
Appendix I	Economic model	49
	Economic model for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?.....	49
Appendix J	Excluded studies	50
	Excluded studies for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?.....	50
Appendix K	Research recommendations – full details	51
	Research recommendations for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?.....	51
K.1.1	Research recommendation	51
K.1.2	Why this is important	51
K.1.3	Rationale for research recommendation	51
K.1.4	Modified PICO table	52

1 Interventions to improve access to 2 gambling treatment services

3 Review question

4 What is the effectiveness of interventions or approaches designed to improve access to
5 treatment for people who participate in harmful gambling, including people who are generally
6 under-represented in treatment services?

7 Introduction

8 Some groups of people may be less likely to access treatment for harmful gambling –
9 including younger adults, those with neurodevelopmental disabilities or acquired cognitive
10 impairment, those from certain racial or cultural groups, women, people in contact with the
11 criminal justice system, homeless people, migrants, those with co-morbid mental health
12 conditions or addictions, and those working in certain occupations. People in these groups
13 may benefit from specific interventions designed to meet their needs, or adaptations to
14 interventions to improve access, such as offering treatment in different locations, delivered in
15 a different format, or in different languages.

16 The aim of this review was to identify if there is any evidence for interventions or approaches
17 that are designed specifically to increase uptake and engagement with gambling treatment
18 services particularly amongst groups who are less likely or find it more difficult to access
19 services..

20 Summary of the protocol

21 See Table 1 for a summary of the Population, Intervention, Comparison and Outcome
22 (PICO) characteristics of this review.

23 Table 1: Summary of the protocol (PICO table)

Population	People aged ≥ 18 years old, who are currently participating in harmful gambling including those who are generally under-represented in treatment services (such as groups described in the EIA as well as people in contact with the criminal justice system, older people and people in professions other than the gambling industry where gambling disclosure may affect their career).
Intervention	Interventions or services which change something about how, where or to whom they are delivered or interventions or services which actively seek to remove barriers to access. Examples include: <ul style="list-style-type: none">• Services which have been set up with the explicit objective of improving access or rates of referral to gambling treatment services, for example outreach services or peer support designed to improve access.• Existing services which alter the way they operate to improve access or rates of referral

	<p>to gambling treatment services, for example by adding an online or other remote offer.</p> <ul style="list-style-type: none"> • Interventions which clearly inform underrepresented individuals about the services available with the aim of improving access, such as information in GP surgeries and/or Gamble Aware campaign) • Interventions which seek to educate health and social care professionals on improving access for individuals experiencing, or at risk of experiencing, harmful gambling • Those interventions which adapt methods of communication and how information is presented to underrepresented groups of people participating in harmful gambling. • 'Warm referrals' where, for example, trained, front line staff in high street banks identify people affected by gambling and work closely with them to enable swift referral to treatment, in some cases involving on-site specialist consultations.
Comparison	<p>Interventions compared with each other or:</p> <ul style="list-style-type: none"> • Treatment as usual (with no support for access) • Placebo or sham treatment
Outcome	<p>Critical:</p> <ul style="list-style-type: none"> • Contact with services (the individual and affected others) • Engagement with gambling treatment services – measured for example by adherence to or completion of a programme or treatment or frequency of attendance. <p>Important:</p> <ul style="list-style-type: none"> • Satisfaction with available treatment options for the person gambling (measured using validated satisfaction scales).

1 *EIA: Equality Impact assessment*

2 For further details see the review protocol in appendix A.

3 **Methods and process**

4 This evidence review was developed using the methods and process described in
5 [Developing NICE guidelines: the manual](#). Methods specific to this review question are
6 described in the review protocol in appendix A and the methods document (Supplement 1:
7 methods).

8 Declarations of interest were recorded according to [NICE's conflicts of interest policy](#).

9 **Effectiveness evidence**

10 **Included studies**

11 A systematic review of the literature was conducted but no studies were identified which
12 were applicable to this review question.

1 See the literature search strategy in appendix B and study selection flow chart in appendix C.

2 **Excluded studies**

3 No studies were identified which were applicable to this review question.

4 **Summary of included studies**

5 No studies were identified which were applicable to this review question (and so there are no
6 evidence tables in appendix D). No meta-analysis was conducted for this review (and so
7 there are no forest plots in appendix E).

8 **Summary of the evidence**

9 No studies were identified which were applicable to this review question (and so there are no
10 GRADE tables in appendix F).

11 **Economic evidence**

12 **Included studies**

13 A single economic search was undertaken for all topics included in the scope of this
14 guideline but no economic studies were identified which were applicable to this review
15 question. See the literature search strategy in appendix B and economic study selection flow
16 chart in appendix G.

17 **Excluded studies**

18 No economic studies were reviewed at full text and excluded from this review.

19 **Economic model**

20 No economic modelling was undertaken for this review because the committee agreed that
21 other topics were higher priorities for economic evaluation.

22 **The committee's discussion and interpretation of the evidence**

23 **The outcomes that matter most**

24 When choosing which outcomes to prioritise, the committee agreed that contact with services
25 and the degree of engagement with those services were important methods of understanding
26 whether people are accessing treatment for harmful gambling. Therefore, the committee
27 agreed that critical outcomes should include contacts with gambling treatment services and
28 engagement with gambling treatment services. Engagement with treatment services could be
29 measured by adherence to or completion of a programme or treatment or frequency of
30 attendance.

31 Access to treatment services may also be affected by people's actual or perceived
32 satisfaction with the treatment on offer. Therefore, the committee agreed that an important
33 outcome of this review should include people's satisfaction with available treatment options,
34 measured using validated satisfaction scales.

35 **The quality of the evidence**

36 No studies were identified which were applicable to this review question.

1 **Benefits and harms**

2 No evidence was identified for this review, therefore committee members agreed they were
3 unable to make evidence-based or consensus-based recommendations about interventions
4 or approaches for improving access to gambling treatment services, either for all people
5 experiencing harmful gambling or people under-represented in treatment services.

6 However, the committee noted that the qualitative review on barriers and facilitators to
7 access had identified some factors that would likely improve access for all groups of people
8 and that they had made recommendations based on this evidence. The basis for these
9 recommendations is described in evidence report I.

10 Due to the lack of evidence, and the fact that the committee could not make
11 recommendations about specific interventions for enabling access to treatment services,
12 particularly for under-represented groups, they therefore agreed to make a research
13 recommendation. A description of this research recommendation can be found in appendix
14 K.

15 **Cost effectiveness and resource use**

16 As there was no evidence identified by this review and no recommendations made, the
17 committee agreed there would be no resource implications.

18 **Recommendations supported by this evidence review**

19 This evidence review supports a research recommendation on interventions to improve
20 access.

21 **References – included studies**

22 **Effectiveness**

23 No studies were identified which were applicable to this review question.

1 Appendices

2 Appendix A Review protocol

3 **Review protocol for review question: What is the effectiveness of interventions or approaches designed to improve**
4 **access to treatment for people who participate in harmful gambling, including people who are generally under-**
5 **represented in treatment services?**

6 **Table 2. Review protocol**

ID	Field	Content
0.	PROSPERO registration number	CRD42022363755
1.	Review title	Improving access to gambling treatment services
2.	Review question	What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?
3.	Objective	To establish the effectiveness of interventions and approaches designed to improve access to treatment for people who participate in harmful gambling, including among groups who are generally under-represented in treatment services.
4.	Searches	The following databases will be searched: Applied Social Science Index and Abstracts (ASSIA) Cumulative Index to Nursing and Allied Health Literature (CINAHL) Cochrane Central Register of Controlled Trials (CENTRAL) Cochrane Database of Systematic Reviews (CDSR) Embase Emcare Epistemonikos Health Management Information Consortium (HMIC)

ID	Field	Content
		<p>International Health Technology Assessment (IHTA) Medline and Medline In-Process PsycInfo Social Care Online Social Policy and Practice Social Sciences Citation Index Searches will be restricted by: Date: 2000 onwards (see rationale under Section 10) English language Human studies Other searches: Inclusion lists of systematic reviews Kings Fund reports Campbell Collaboration Gov.uk National Grey Literature Collection Be Gamble Aware GamCare Gambling Research Exchange Ontario Gambling Commission Advisory Board for Safer Gambling Gambling Watch UK Australian Gambling Research Centre Gambling Compliance Gambling and Addictions Research Centre Responsible Gambling Council Victorian Responsible Gambling Foundation With the agreement of the guideline committee the searches will be re-run 6 weeks before final submission of the review and further studies retrieved for inclusion.</p>

ID	Field	Content
		The full search strategies will be published in the final review.
5.	Condition or domain being studied	Interventions and approaches designed to improve access to treatment for people who participate in harmful gambling including among groups who are generally underrepresented in treatment services.
6.	Population	<p>Inclusion:</p> <p>People aged ≥ 18 years old, who are currently participating in harmful gambling including those who are generally under-represented in treatment services (such as groups described in the EIA as well as people in contact with the criminal justice system, older people and people in professions other than the gambling industry where gambling disclosure may affect their career.).</p> <p>Exclusion:</p> <ul style="list-style-type: none"> • Children and young people <18 years old. • People who only gamble during manic episodes of bipolar disorder.
7.	Intervention	<p>Interventions or services which change something about how, where or to whom they are delivered or interventions or services which actively seek to remove barriers to access.</p> <p>Examples include:</p> <ul style="list-style-type: none"> • Services which have been set up with the explicit objective of improving access or rates of referral to gambling treatment services, for example outreach services or peer support designed to improve access. • Existing services which alter the way they operate to improve access or rates of referral to gambling treatment services, for example by adding an online or other remote offer. • Interventions which clearly inform underrepresented individuals about the services available with the aim of improving access, such as information in GP surgeries and/or Gamble Aware campaign) • Interventions which seek to educate health and social care professionals on improving access for individuals experiencing, or at risk of experiencing, harmful gambling • Those interventions which adapt methods of communication and how information is presented to underrepresented groups of people participating in harmful gambling. • 'Warm referrals' where, for example, trained, front line staff in high street banks identify people affected by gambling and work closely with them to enable swift referral to treatment, in some cases involving on-site specialist consultations.

ID	Field	Content
8.	Comparator	Interventions compared with each other or: <ul style="list-style-type: none"> • Treatment as usual (with no support for access) • Placebo or sham treatment
9.	Types of study to be included	<ul style="list-style-type: none"> • Systematic reviews of RCTs and non-randomised controlled studies. • Experimental studies using a randomly assigned control group design • Experimental studies using a non-randomly assigned control group design with match comparison or another method of controlling for confounding variables.
10.	Other exclusion criteria	<p>Inclusion:</p> <ul style="list-style-type: none"> • Full text papers <p>Exclusion:</p> <ul style="list-style-type: none"> • Articles published before 2000 • Population-level gambling disorder interventions • Studies using qualitative methods only • Non-English language articles • Conference proceedings • Abstract only • Books and book chapters including theses.
11.	Context	Recommendations will apply in all settings where care and support is provided for people who participate in harmful gambling
12.	Primary outcomes (critical outcomes)	<p>Contact with services (the individual and affected others)</p> <p>Engagement with gambling treatment services – measured for example by adherence to or completion of a programme or treatment or frequency of attendance.</p>
13.	Secondary outcomes (important outcomes)	Satisfaction with available treatment options for the person gambling (measured using validated satisfaction scales).
14.	Data extraction (selection and coding)	<p>All references identified by the searches and from other sources will be uploaded into EPPI-Reviewer 5 and de-duplicated.</p> <p>Titles and abstracts of the retrieved citations will be screened to identify studies that potentially meet the inclusion criteria outlined in the review protocol.</p>

ID	Field	Content
		<p>Dual or duplicate screening will be undertaken for 10% of items (90% agreement is required and disagreements will be resolved via discussion with the senior systematic reviewer).</p> <p>Full versions of the selected studies will be obtained for assessment. Studies that fail to meet the inclusion criteria once the full version has been checked will be excluded at this stage. Each study excluded after checking the full version will be listed along with the reason for its exclusion.</p> <p>The included and excluded studies lists will be circulated to the Topic Group for their comments. Resolution of disputes will be by discussion between the senior reviewer, Topic Advisor and Chair.</p> <p>A standardised form will be used to extract data from included studies, providing study reference, research question, data collection and analysis methods used and participant characteristics. One reviewer will extract relevant data into a standardised form. This will be quality assessed by the senior reviewer.</p>
15.	Risk of bias (quality) assessment	<p>Quality assessment of individual studies will be performed according to Developing NICE guidelines: the manual, using the following checklists:</p> <ul style="list-style-type: none"> • Cochrane RoB (2.0) for randomised controlled trials • Cochrane ROBINS-I for non-randomised controlled trials • ROBIS for systematic reviews <p>The quality assessment will be performed by one reviewer and this will be quality assessed by a senior reviewer.</p>
16.	Strategy for data synthesis	<p>Depending on the availability of the evidence, the findings will be summarised narratively or quantitatively. Where possible, meta-analyses will be conducted using Cochrane Review Manager software. A fixed effect meta-analysis will be conducted and data will be presented as risk ratios or odds ratios for dichotomous outcomes, and mean differences or standardised mean differences for continuous outcomes. Heterogeneity in the effect estimates of the individual studies will be assessed using the I² statistic. Alongside visual inspection of the point estimates and confidence intervals, I² values of greater than 50% and 80% will be considered as significant and very significant heterogeneity, respectively. Heterogeneity will be explored as appropriate using sensitivity analyses and pre-specified subgroup analyses. If heterogeneity cannot be explained through subgroup analysis then a random effects model will be used for meta-analysis, or the data will not be pooled.</p> <p>The confidence in the findings across all available evidence will be evaluated for each outcome using an adaptation of the 'Grading of Recommendations Assessment, Development and</p>

ID	Field	Content	
		<p>Evaluation (GRADE) toolbox' developed by the international GRADE working group: http://www.gradeworkinggroup.org.</p> <p>Importance and imprecision of findings will be assessed against minimally important differences (MIDs). The following MIDs will be used: 0.8 and 1.25 for all relative dichotomous outcomes, for continuous outcomes any published validated MIDs, if none are available then +/- 0.5x control group SD.</p>	
17.	Analysis of sub-groups	<p>Evidence will be stratified according to the funding source of included studies:</p> <ul style="list-style-type: none"> • Any industry funding • No industry funding • Unclear funding source <p>Evidence will be sub-grouped by the following only in the event that there is significant heterogeneity in outcomes:</p> <ul style="list-style-type: none"> • Sex • Age • Ethnicity • Neuro-diversity (including learning difficulties and disabilities, cognitive impairments (for example resulting from ABI) and other conditions such as ADHD and autism spectrum conditions) • Co-morbidities (including mental health conditions and other addictions) <p>Where evidence is stratified or sub-grouped the committee will consider on a case-by-case basis if separate recommendations should be made for distinct groups. Separate recommendations may be made where there is evidence of a differential effect of interventions in distinct groups. If there is a lack of evidence in one group, the committee will consider, based on their experience, whether it is reasonable to extrapolate and assume the interventions will have similar effects in that group compared with others.</p>	
18.	Type and method of review	<input checked="" type="checkbox"/>	Intervention
		<input type="checkbox"/>	Diagnostic
		<input type="checkbox"/>	Prognostic
		<input type="checkbox"/>	Qualitative

ID	Field	Content		
		<input type="checkbox"/>	Epidemiologic	
		<input type="checkbox"/>	Service Delivery	
		<input type="checkbox"/>	Other (please specify)	
19.	Language	English		
20.	Country	England		
21.	Anticipated or actual start date	April 2022		
22.	Anticipated completion date	February 2024		
23.	Stage of review at time of this submission	Review stage	Started	Completed
		Preliminary searches	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Piloting of the study selection process	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Formal screening of search results against eligibility criteria	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Data extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Risk of bias (quality) assessment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Data analysis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
24.	Named contact	5a Named contact		
		National Institute for Health and Care Excellence (NICE)		
		5b Named contact e-mail		
		Gambling@nice.org.uk		
24.	Named contact	5c Organisational affiliation of the review		
		National Institute for Health and Care Excellence (NICE)		
25.	Review team members	NICE technical team		
26.	Funding sources/sponsor	This systematic review is being completed by NICE, which receives funding from the Department of Health and Social Care.		

ID	Field	Content	
27.	Conflicts of interest	All guideline committee members and anyone who has direct input into NICE guidelines (including the evidence review team and expert witnesses) must declare any potential conflicts of interest in line with NICE's code of practice for declaring and dealing with conflicts of interest. Any relevant interests, or changes to interests, will also be declared publicly at the start of each guideline committee meeting. Before each meeting, any potential conflicts of interest will be considered by the guideline committee Chair and a senior member of the development team. Any decisions to exclude a person from all or part of a meeting will be documented. Any changes to a member's declaration of interests will be recorded in the minutes of the meeting. Declarations of interests will be published with the final guideline.	
28.	Collaborators	Development of this systematic review will be overseen by an advisory committee who will use the review to inform the development of evidence-based recommendations in line with section 3 of Developing NICE guidelines: the manual . Members of the guideline committee are available on the NICE website: https://www.nice.org.uk/guidance/indevelopment/gid-ng10210 .	
29.	Other registration details	N/A	
30.	Reference/URL for published protocol	https://www.crd.york.ac.uk/prospero/display_record.php?ID=CRD42022363755	
31.	Dissemination plans	NICE may use a range of different methods to raise awareness of the guideline. These include standard approaches such as: notifying registered stakeholders of publication publicising the guideline through NICE's newsletter and alerts issuing a press release or briefing as appropriate, posting news articles on the NICE website, using social media channels, and publicising the guideline within NICE.	
32.	Keywords	Harmful gambling; problem gamblers; underrepresented; access	
33.	Details of existing review of same topic by same authors	N/A	
34.	Current review status	<input checked="" type="checkbox"/>	Ongoing
		<input type="checkbox"/>	Completed but not published
		<input type="checkbox"/>	Completed and published

ID	Field	Content	
		<input type="checkbox"/>	Completed, published and being updated
		<input type="checkbox"/>	Discontinued
35.	Additional information	N/A	
36.	Details of final publication	www.nice.org.uk	

1 *ABI: Acquired Brain Injury; ADHD: Attention Deficit Hyperactivity Disorder; ASSIA: Applied Social Science Index and Abstracts; CDSR: Cochrane Database of Systematic*
2 *Reviews; CENTRAL: Cochrane Central Register of Controlled Trials; CINAHL: Cumulative Index to Nursing and Allied Health Literature; EIA: Equality Impact Assessment;*
3 *GRADE: Grading of Recommendations Assessment, Development and Evaluation; HMIC: Health Management Information Consortium; IHTA: International Health Technology*
4 *Assessment; MID: minimally important difference; NHS: National health service; NICE: National Institute for Health and Care Excellence; PROSPERO: International*
5 *prospective register of systematic reviews RCT: randomised controlled trial; ROB(INS-I): risk of bias (in non-randomized studies of interventions); ROBIS: risk of bias in*
6 *systematic reviews; RoB: risk of bias; SD: standard deviation*

Appendix B Literature search strategies

Literature search strategies for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?

Effectiveness searches

Database: Medline and Medline-in-Process

Date of last search: 03/04/2023

#	Searches
1	GAMBLING/
2	gamb* .ti,ab.
3	betting.ti,ab.
4	(bet or bets).ti,ab.
5	wager* .ti,ab.
6	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
7	(pokies or pokey or puggy or fruities).ti,ab.
8	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
9	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
10	(loot box* or lootbox*).ti,ab.
11	or/1-10
12	exp HEALTH SERVICES ACCESSIBILITY/
13	access* .ti,ab.
14	PATIENT ACCEPTANCE OF HEALTH CARE/
15	barrier? .ti,ab.
16	facilitat* .ti,ab.
17	"REFERRAL AND CONSULTATION"/
18	referr* .ti,ab.
19	(signpost* or sign post*).ti,ab.
20	(collaborat* adj5 (statutory or communit* or voluntary or charit* or organi?ation* or service? or care)).ti,ab.
21	MINORITY GROUPS/
22	minorit* .ti,ab.
23	(underrepresent* or under represent*).ti,ab.
24	((communicat* or inform*) adj5 service?).ti,ab.
25	exp EDUCATION, CONTINUING/
26	(educat* adj5 (profession* or continu*)).ti,ab.
27	SOCIAL STIGMA/
28	stigma* .ti,ab.
29	CONFIDENTIALITY/
30	PRIVACY/
31	anonym* .ti,ab.
32	confidential* .ti,ab.
33	privacy.ti,ab.
34	COMMUNITY-INSTITUTIONAL RELATIONS/
35	outreach* .ti,ab.
36	TELEMEDICINE/
37	HOTLINES/
38	((tele* or virtual* or mobile? or phone? or smartphone? or app? or tablet? or web or internet or computer* or online or digital*) adj3 (medicine or health* or support* or service?)).ti,ab.
39	(telemedicine or telehealth* or telesupport? or teleservice?).ti,ab.
40	(hotline? or helpline? or help line?).ti,ab.
41	SELF-HELP GROUPS/
42	SOCIAL SUPPORT/
43	((support* or help*) adj3 group?).ti,ab.
44	((peer? or social*) adj3 support*).ti,ab.
45	MENTORING/

#	Searches
46	MENTORS/
47	mentor*.ti,ab.
48	or/12-47
49	11 and 48
50	limit 49 to english language
51	limit 50 to yr="2000 -Current"
52	LETTER/
53	EDITORIAL/
54	NEWS/
55	exp HISTORICAL ARTICLE/
56	ANECDOTES AS TOPIC/
57	COMMENT/
58	CASE REPORT/
59	(letter or comment*).ti.
60	or/52-59
61	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
62	60 not 61
63	ANIMALS/ not HUMANS/
64	exp ANIMALS, LABORATORY/
65	exp ANIMAL EXPERIMENTATION/
66	exp MODELS, ANIMAL/
67	exp RODENTIA/
68	(rat or rats or mouse or mice),ti.
69	or/62-68
70	51 not 69
71	META-ANALYSIS/
72	META-ANALYSIS AS TOPIC/
73	(meta analy* or metanaly* or metaanaly*).ti,ab.
74	((systematic* or evidence*) adj2 (review* or overview*).ti,ab.
75	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
76	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
77	(search* adj4 literature).ab.
78	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
79	cochrane.jw.
80	or/71-79
81	randomized controlled trial.pt.
82	controlled clinical trial.pt.
83	pragmatic clinical trial.pt.
84	randomi#ed.ab.
85	placebo.ab.
86	randomly.ab.
87	CLINICAL TRIALS AS TOPIC/
88	trial.ti.
89	or/81-88
90	exp EPIDEMIOLOGIC STUDIES/ or exp CLINICAL TRIAL/ or COMPARATIVE STUDY/
91	(control and study).mp.
92	program.mp.
93	or/90-92
94	(ANIMALS/ not HUMANS/) or COMMENT/ or EDITORIAL/ or exp REVIEW/ or META ANALYSIS/ or CONSENSUS/ or exp GUIDELINE/
95	hi.fs. or case report.mp.
96	or/94-95
97	93 not 96
98	70 and 80
99	70 and 89
100	70 and 97
101	or/98-100

Database: Embase**Date of last search: 03/04/2023**

#	Searches
1	GAMBLING/
2	PATHOLOGICAL GAMBLING/
3	gamb*.ti,ab.

#	Searches
4	betting.ti,ab.
5	(bet or bets).ti,ab.
6	wager*.ti,ab.
7	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
8	(pokies or pokey or puggy or fruities).ti,ab.
9	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
10	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
11	(loot box* or lootbox*).ti,ab.
12	or/1-11
13	exp HEALTH CARE ACCESS/
14	access*.ti,ab.
15	PATIENT ATTITUDE/
16	PATIENT ENGAGEMENT/
17	barrier?.ti,ab.
18	facilitat*.ti,ab.
19	PATIENT REFERRAL/
20	referr*.ti,ab.
21	(signpost* or sign post*).ti,ab.
22	(collaborat* adj5 (statutory or communit* or voluntary or charit* or organi?ation* or service? or care)).ti,ab.
23	MINORITY GROUP/
24	minorit*.ti,ab.
25	(underrepresent* or under represent*).ti,ab.
26	((communicat* or inform*) adj5 service?).ti,ab.
27	CONTINUING EDUCATION/
28	(educat* adj5 (profession* or continu*)).ti,ab.
29	SOCIAL STIGMA/
30	stigma*.ti,ab.
31	CONFIDENTIALITY/
32	PRIVACY/
33	anonym*.ti,ab.
34	confidential*.ti,ab.
35	privacy.ti,ab.
36	outreach*.ti,ab.
37	TELEMEDICINE/
38	HOTLINE/
39	((tele* or virtual* or mobile? or phone? or smartphone? or app? or tablet? or web or internet or computer* or online or digital*) adj3 (medicine or health* or support* or service?)).ti,ab.
40	(telemedicine or telehealth* or telesupport? or teleservice?).ti,ab.
41	(hotline? or helpline? or help line?).ti,ab.
42	exp SUPPORT GROUP/
43	SELF HELP/
44	exp SOCIAL SUPPORT/
45	((support* or help*) adj3 group?).ti,ab.
46	((peer? or social*) adj3 support*).ti,ab.
47	MENTORING/
48	MENTOR/
49	mentor*.ti,ab.
50	or/13-49
51	12 and 50
52	limit 51 to english language
53	limit 52 to yr="2000 -Current"
54	letter.pt. or LETTER/
55	note.pt.
56	editorial.pt.
57	CASE REPORT/ or CASE STUDY/
58	(letter or comment*).ti.
59	or/54-58
60	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
61	59 not 60
62	ANIMAL/ not HUMAN/
63	NONHUMAN/
64	exp ANIMAL EXPERIMENT/
65	exp EXPERIMENTAL ANIMAL/

#	Searches
66	ANIMAL MODEL/
67	exp RODENT/
68	(rat or rats or mouse or mice).ti.
69	or/61-68
70	53 not 69
71	SYSTEMATIC REVIEW/
72	META-ANALYSIS/
73	(meta analy* or metanaly* or metaanaly*).ti,ab.
74	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
75	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
76	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
77	(search* adj4 literature).ab.
78	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
79	((pool* or combined) adj2 (data or trials or studies or results)).ab.
80	cochrane.jw.
81	or/71-80
82	random*.ti,ab.
83	factorial*.ti,ab.
84	(crossover* or cross over*).ti,ab.
85	((doubl* or singl*) adj blind*).ti,ab.
86	(assign* or allocat* or volunteer* or placebo*).ti,ab.
87	CROSSOVER PROCEDURE/
88	SINGLE BLIND PROCEDURE/
89	RANDOMIZED CONTROLLED TRIAL/
90	DOUBLE BLIND PROCEDURE/
91	or/82-90
92	EPIDEMIOLOGY/ or CONTROLLED STUDY/ or exp CASE CONTROL STUDY/ or PROSPECTIVE STUDY/ or RETROSPECTIVE STUDY/ or COHORT ANALYSIS/ or FOLLOW UP/ or CROSS-SECTIONAL STUDY/ or exp CLINICAL TRIAL/ or COMPARATIVE STUDY/
93	(control and study).mp.
94	program.mp.
95	or/92-94
96	(ANIMAL/ not HUMAN/) or EDITORIAL/ or REVIEW/ or META-ANALYSIS/ or CONSENSUS/ or PRACTICE GUIDELINE/
97	hi.fs. or case report.mp.
98	or/96-97
99	95 not 98
100	70 and 81
101	70 and 91
102	70 and 99
103	or/100-102

Database: Emcare**Date of last search: 03/04/2023**

#	Searches
1	GAMBLING/
2	PATHOLOGICAL GAMBLING/
3	gambli*.ti,ab.
4	betting.ti,ab.
5	(bet or bets).ti,ab.
6	wager*.ti,ab.
7	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
8	(pokies or pokey or roulette or puggy or fruities).ti,ab.
9	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose).ti,ab.
10	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
11	(loot box* or lootbox*).ti,ab.
12	or/1-11
13	exp HEALTH CARE ACCESS/
14	access*.ti,ab.
15	PATIENT ATTITUDE/

#	Searches
16	PATIENT ENGAGEMENT/
17	barrier?.ti,ab.
18	facilitat*.ti,ab.
19	PATIENT REFERRAL/
20	referr*.ti,ab.
21	(signpost* or sign post*).ti,ab.
22	(collaborat* adj5 (statutory or communit* or voluntary or charit* or organi?ation* or service? or care)).ti,ab.
23	MINORITY GROUP/
24	minorit*.ti,ab.
25	(underrepresent* or under represent*).ti,ab.
26	((communicat* or inform*) adj5 service?).ti,ab.
27	CONTINUING EDUCATION/
28	(educat* adj5 (profession* or continu*)).ti,ab.
29	SOCIAL STIGMA/
30	stigma*.ti,ab.
31	CONFIDENTIALITY/
32	PRIVACY/
33	anonym*.ti,ab.
34	confidential*.ti,ab.
35	privacy.ti,ab.
36	outreach*.ti,ab.
37	TELEMEDICINE/
38	HOTLINE/
39	((tele* or virtual* or mobile? or phone? or smartphone? or app? or tablet? or web or internet or computer* or online or digital*) adj3 (medicine or health* or support* or service?)).ti,ab.
40	(telemedicine or telehealth* or telesupport? or teleservice?).ti,ab.
41	(hotline? or helpline? or help line?).ti,ab.
42	exp SUPPORT GROUP/
43	SELF HELP/
44	exp SOCIAL SUPPORT/
45	((support* or help*) adj3 group?).ti,ab.
46	((peer? or social*) adj3 support*).ti,ab.
47	MENTORING/
48	MENTOR/
49	mentor*.ti,ab.
50	or/13-49
51	12 and 50
52	limit 51 to english language
53	limit 52 to yr="2000 -Current"
54	letter.pt. or LETTER/
55	note.pt.
56	editorial.pt.
57	CASE REPORT/ or CASE STUDY/
58	(letter or comment*).ti.
59	or/54-58
60	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
61	59 not 60
62	ANIMAL/ not HUMAN/
63	NONHUMAN/
64	exp ANIMAL EXPERIMENT/
65	exp EXPERIMENTAL ANIMAL/
66	ANIMAL MODEL/
67	exp RODENT/
68	(rat or rats or mouse or mice).ti.
69	or/61-68
70	53 not 69
71	SYSTEMATIC REVIEW/
72	META-ANALYSIS/
73	(meta analy* or metanaly* or metaanaly*).ti,ab.
74	((systematic or evidence) adj2 (review* or overview*)).ti,ab.
75	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
76	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
77	(search* adj4 literature).ab.
78	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
79	((pool* or combined) adj2 (data or trials or studies or results)).ab.
80	cochrane.jw.

#	Searches
81	or/71-80
82	random*.ti,ab.
83	factorial*.ti,ab.
84	(crossover* or cross over*).ti,ab.
85	((doubl* or singl*) adj blind*).ti,ab.
86	(assign* or allocat* or volunteer* or placebo*).ti,ab.
87	CROSSOVER PROCEDURE/
88	SINGLE BLIND PROCEDURE/
89	RANDOMIZED CONTROLLED TRIAL/
90	DOUBLE BLIND PROCEDURE/
91	or/82-90
92	EPIDEMIOLOGY/ or CONTROLLED STUDY/ or exp CASE CONTROL STUDY/ or PROSPECTIVE STUDY/ or RETROSPECTIVE STUDY/ or COHORT ANALYSIS/ or FOLLOW UP/ or CROSS-SECTIONAL STUDY/ or exp CLINICAL TRIAL/ or COMPARATIVE STUDY/
93	(control and study).mp.
94	program.mp.
95	or/92-94
96	(ANIMAL/ not HUMAN/) or EDITORIAL/ or REVIEW/ or META-ANALYSIS/ or CONSENSUS/ or PRACTICE GUIDELINE/
97	[hi.fs. or case report.mp.]
98	or/96-97
99	95 not 98
100	70 and 81
101	70 and 91
102	70 and 99
103	or/100-102

Database: PsycInfo**Date of last search: 03/04/2023**

#	Searches
1	GAMBLING/
2	GAMBLING DISORDER/
3	gamb*.ti,ab.
4	betting.ti,ab.
5	(bet or bets).ti,ab.
6	wager*.ti,ab.
7	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
8	(pokies or pokey or puggy or fruities).ti,ab.
9	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
10	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
11	(loot box* or lootbox*).ti,ab.
12	or/1-11
13	HEALTH CARE ACCESS/
14	access*.ti,ab.
15	HEALTH CARE UTILIZATION/
16	TREATMENT BARRIERS/
17	barrier?.ti,ab.
18	facilitat*.ti,ab.
19	PROFESSIONAL REFERRAL/
20	CLIENT TRANSFER/
21	referr*.ti,ab.
22	(signpost* or sign post*).ti,ab.
23	(collaborat* adj5 (statutory or communit* or voluntary or charit* or organi?ation* or service? or care)).ti,ab.
24	MINORITY GROUPS/
25	minorit*.ti,ab.
26	(underrepresent* or under represent*).ti,ab.
27	((communicat* or inform*) adj5 service?).ti,ab.
28	CONTINUING EDUCATION/
29	(educat* adj5 (profession* or continu*)).ti,ab.
30	STIGMA/
31	stigma*.ti,ab.
32	ANONYMITY/

#	Searches
33	PRIVILEGED COMMUNICATION/
34	PRIVACY/
35	anonym*.ti,ab.
36	confidential*.ti,ab.
37	privacy.ti,ab.
38	OUTREACH PROGRAMS/
39	outreach*.ti,ab.
40	TELEMEDICINE/
41	HOT LINE SERVICES/
42	((tele* or virtual* or mobile? or phone? or smartphone? or app? or tablet? or web or internet or computer* or online or digital*) adj3 (medicine or health* or support* or service?)).ti,ab.
43	(telemedicine or telehealth* or telesupport? or teleservice?).ti,ab.
44	(hotline? or helpline? or help line?).ti,ab.
45	SUPPORT GROUPS/
46	SOCIAL SUPPORT/
47	((support* or help*) adj3 group?).ti,ab.
48	((peer? or social*) adj3 support*).ti,ab.
49	MENTOR/
50	mentor*.ti,ab.
51	or/13-50
52	12 and 51
53	limit 52 to english language
54	limit 53 to yr="2000 -Current"
55	(meta analysis or "systematic review").md. or META ANALYSIS/ or "SYSTEMATIC REVIEW"/
56	(meta analy* or metanaly* or metaanaly*).ti,ab.
57	((systematic* or evidence*) adj2 (review* or overview?)).ti,ab.
58	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
59	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
60	(search* adj4 literature).ab.
61	cochrane.jw.
62	((pool* or combined) adj2 (data or trials or studies or results)).ab.
63	(medline or pubmed or cochrane or embase or psychlit or psyclit or cinahl or science citation index or bids or cancerlit).ab.
64	or/55-63
65	clinical trial.md. or Clinical trials/ or Randomized controlled trials/ or Randomized clinical trials/ or (assign* or allocat* or crossover* or cross over* or ((doubl* or singl*) adj blind*) or factorial* or placebo* or random* or volunteer* or trial?).ti,ab.
66	EPIDEMIOLOGY/ or PROSPECTIVE STUDIES/ or RETROSPECTIVE STUDIES/ or COHORT ANALYSIS/ or FOLLOWUP STUDIES/ or exp CLINICAL TRIALS/
67	(control and study).mp.
68	program.mp.
69	or/66-68
70	54 and 64
71	54 and 65
72	54 and 69
73	or/70-72
74	limit 73 to ("0100 journal" or "0110 peer-reviewed journal")

Database: Health Management Information Consortium

Date of last search: 03/04/2023

#	Searches
1	GAMBLING/
2	GAMBLERS/
3	GAMBLING MACHINES/
4	AMUSEMENT ARCADES/
5	CASINOS/
6	BOOKMAKERS/
7	LOTTERIES/
8	NATIONAL LOTTERY/
9	gamb*.ti,ab.
10	betting.ti,ab.
11	(bet or bets).ti,ab.
12	wager*.ti,ab.
13	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
14	(pokies or pokey or puggy or fruities).ti,ab.

#	Searches
15	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
16	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
17	(loot box* or lootbox*).ti,ab.
18	or/1-17
19	ACCESS TO HEALTH SERVICES/
20	access*.ti,ab.
21	barrier?.ti,ab.
22	facilitat*.ti,ab.
23	exp PATIENT REFERRAL/
24	CLIENT REFERRAL/
25	referr*.ti,ab.
26	(signpost* or sign post*).ti,ab.
27	(collaborat* adj5 (statutory or communit* or voluntary or charit* or organi?ation* or service? or care)).ti,ab.
28	MINORITY GROUPS/
29	minorit*.ti,ab.
30	(underrepresent* or under represent*).ti,ab.
31	((communicat* or inform*) adj5 service?).ti,ab.
32	exp CONTINUING EDUCATION/
33	(educat* adj5 (profession* or continu*)).ti,ab.
34	stigma*.ti,ab.
35	CONFIDENTIALITY/
36	PRIVACY/
37	anonym*.ti,ab.
38	confidential*.ti,ab.
39	privacy.ti,ab.
40	OUTREACH/
41	OUTREACH CLINICS/
42	outreach*.ti,ab.
43	TELEMEDICINE/
44	((tele* or virtual* or mobile? or phone? or smartphone? or app? or tablet? or web or internet or computer* or online or digital*) adj3 (medicine or health* or support* or service?)).ti,ab.
45	(telemedicine or telehealth* or telesupport? or teleservice?).ti,ab.
46	(hotline? or helpline? or help line?).ti,ab.
47	SUPPORT GROUPS/
48	SELF HELP GROUPS/
49	SOCIAL SUPPORT/
50	((support* or help*) adj3 group?).ti,ab.
51	((peer? or social*) adj3 support*).ti,ab.
52	MENTORING/
53	mentor*.ti,ab.
54	or/19-53
55	18 and 54
56	limit 55 to yr="2000 -Current"

Database: Social Policy and Practice

Date of last search: 03/04/2023

#	Searches
1	gamb*.ti,ab.
2	betting.ti,ab.
3	(bet or bets).ti,ab.
4	wager*.ti,ab.
5	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
6	(pokies or pokey or puggy or fruities).ti,ab.
7	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
8	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
9	(loot box* or lootbox*).ti,ab.
10	or/1-9
11	access*.ti,ab.
12	barrier?.ti,ab.

#	Searches
13	facilitat*.ti,ab.
14	referr*.ti,ab.
15	(signpost* or sign post*).ti,ab.
16	(collaborat* adj5 (statutory or communit* or voluntary or charit* or organi?ation* or service? or care)).ti,ab.
17	minorit*.ti,ab.
18	(underrepresent* or under represent*).ti,ab.
19	((communicat* or inform*) adj5 service?).ti,ab.
20	(educat* adj5 (profession* or continu*)).ti,ab.
21	stigma*.ti,ab.
22	anonym*.ti,ab.
23	confidential*.ti,ab.
24	privacy.ti,ab.
25	outreach*.ti,ab.
26	((tele* or virtual* or mobile? or phone? or smartphone? or app? or tablet? or web or internet or computer* or online or digital*) adj3 (medicine or health* or support* or service?)).ti,ab.
27	(telemedicine or telehealth* or telesupport? or teleservice?).ti,ab.
28	(hotline? or helpline? or help line?).ti,ab.
29	((support* or help*) adj3 group?).ti,ab.
30	((peer? or social*) adj3 support*).ti,ab.
31	mentor*.ti,ab.
32	or/11-31
33	10 and 32
34	limit 33 to yr="2000 -Current"

Database: Cochrane Central Register of Controlled Trials (CENTRAL); and Cochrane Database of Systematic Reviews (CDSR)

Date of last search: 03/04/2023

#	Searches
#1	MeSH descriptor: [Gambling] this term only
#2	gamb*:ti,ab
#3	betting:ti,ab
#4	(bet or bets):ti,ab
#5	wager*:ti,ab
#6	((gaming or gambling or slot or fruit or poker or lottery or lotteries) near/5 (machine* or terminal*)):ti,ab
#7	(pokies or pokey or puggy or fruities):ti,ab
#8	((dice or card or cards or roulette or blackjack or poker or baccarat or crap or craps or keno or casino* or bingo or bookmaker* or "book maker" or bookie* or lottery or lotteries or lotto or "scratch card*" or scratchcard* or raffle or raffles or sweepstak* or "amusement arcade*" or slot or slots) near/5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)):ti,ab
#9	((game or games or gaming or gamer*) near/5 (money or monetization or monetisation or monetary)):ti,ab
#10	("loot box*" or lootbox*):ti,ab
#11	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10
#12	MeSH descriptor: [Health Services Accessibility] explode all trees
#13	access*:ti,ab
#14	MeSH descriptor: [Patient Acceptance of Health Care] this term only
#15	Barrier*:ti,ab
#16	facilitat*:ti,ab
#17	MeSH descriptor: [Referral and Consultation] this term only
#18	referr*.ti,ab
#19	(signpost* or "sign post*"):ti,ab
#20	(collaborat* near/5 (statutory or communit* or voluntary or charit* or organisation* or organization* or service* or care)):ti,ab
#21	MeSH descriptor: [Minority Groups] this term only
#22	minorit*.ti,ab
#23	(underrepresent* or "under represent*"):ti,ab
#24	((communicat* or inform*) near/5 service*):ti,ab
#25	MeSH descriptor: [Education, Continuing] explode all trees
#26	(educat* near/5 (profession* or continu*)):ti,ab
#27	MeSH descriptor: [Social Stigma] this term only
#28	stigma*.ti,ab
#29	MeSH descriptor: [Confidentiality] this term only
#30	MeSH descriptor: [Privacy] this term only
#31	anonym*.ti,ab
#32	confidential*.ti,ab

#	Searches
#33	privacy:ti,ab
#34	MeSH descriptor: [Community-Institutional Relations] this term only
#35	outreach*:ti,ab
#36	MeSH descriptor: [Telemedicine] this term only
#37	MeSH descriptor: [Hotlines] this term only
#38	((tele* or virtual* or mobile* or phone* or smartphone* or app or apps or tablet* or web or internet or computer* or online or digital*) near/3 (medicine or health* or support* or service*)):ti,ab
#39	(telemedicine or telehealth* or telesupport* or teleservice*):ti,ab
#40	(hotline* or helpline* or "help line*"):ti,ab
#41	MeSH descriptor: [Self-Help Groups] this term only
#42	MeSH descriptor: [Social Support] this term only
#43	((support* or help*) near/3 group*):ti,ab
#44	((peer* or social*) near/3 support*):ti,ab
#45	MeSH descriptor: [Mentoring] this term only
#46	MeSH descriptor: [Mentors] this term only
#47	mentor*:ti,ab
#48	#12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47
#49	#11 and #48
#50	#11 and #48 with Cochrane Library publication date Between Jan 2000 and Jul 2022

Database: International Health Technology Assessment Database (INAHTA)

Date of last search: 03/04/2023

#	Searches	Results
	All:(gamble or gambler or gamblers or gambling or gambled or betting or bet or bets or wager or wagers)	
	AND Publication Year: 2000-2022	15

Database: Epistemonikos

Date of last search: 03/04/2023

#	Searches	Results
	title:((gambl* OR betting OR bet OR bets OR wager* OR "gaming machine*" OR "slot machine*" OR "fruit machine*" OR "poker machine*" OR "lottery machine*" OR "lotteries machine*" OR "gaming terminal*" OR "slot terminal*" OR "fruit terminal*" OR "poker terminal*" OR "lottery terminal*" OR "lotteries terminal*" OR pokies OR pokey OR puggy OR fruities) AND (access* or barrier* or facilitat* or refer* or signpost* or "sign post*" or "statutory collaboration" or "communit* collaboration" or "volunt* collaboration" or "charit* collaboration" or "organisation* collaboration" or "organization* collaboration" or "service collaboration" or "care collaboration" or minorit* or underrepresent* or "under represent*" or "communicat* service" or "inform* service" or "continuing educat*" or "professional education" or stigma* or anonym* or confidential* or privacy or outreach* or "mobile support*" or "phone support*" or "smartphone support*" or "app support*" or "apps support*" or "tablet support*" or "web support*" or "internet support*" or "computer support*" or "online support*" or "digital support*" or telemedicine or "tele medicine" or telehealth* or "tele health*" or telesupport Or "tele support" or teleservice or "tele service" or hotline or hotlines or helpline or helplines or "help line" or "help lines" or "support group" or "support groups" or "help group" or "help groups" or "peer support" or "social support" or mentor*)) Publication year: 2000-2022	14

Database: Cumulative Index to Nursing and Allied Health Literature (CINAHL)

Date of last search: 03/04/2023

#	Searches	Results
S1	T1 (gambl* or betting or bet or bets or wager* or "gaming machine*" or "slot machine*" or "fruit machine*" or "poker machine*" or "lottery machine*" or "lotteries machine*" or "gaming terminal*" or "slot terminal*" or "fruit terminal*" or "poker terminal*" or "lottery terminal*" or "lotteries terminal*" or pokies or pokey or puggy or fruities) Limiters - Published Date: 20000101-20221231	4,597
S2	T1 (access* or barrier* or facilitat* or refer* or signpost* or "sign post*" or "statutory collaboration" or "communit* collaboration" or "volunt* collaboration" or "charit* collaboration" or "organisation* collaboration" or "organization* collaboration" or "service collaboration" or "care collaboration" or minorit* or underrepresent* or "under represent*" or "communicat* service" or "inform* service" or "continuing educat*" or "professional education" or stigma* or anonym* or confidential* or privacy or outreach* or "mobile support*" or "phone support*" or "smartphone support*" or "app support*" or "apps support*" or "tablet support*" or "web support*" or "internet support*" or "computer support*" or "online support*" or "digital support*" or telemedicine or "tele medicine" or telehealth* or "tele health*" or telesupport Or "tele support" or teleservice or "tele service" or hotline or hotlines or helpline or helplines or "help line" or "help	138,055

#	Searches	Results
	lines" or "support group" or "support groups" or "help group" or "help groups" or "peer support" or "social support" or mentor*) Limiters - Published Date: 20000101-20221231	
S3	S1 and S2	98

Database: Applied Social Science Index and Abstracts (ASSIA)

Date of last search: 03/04/2023

#	Searches	Results
	AB, TI (gamb)* or betting or bet or bets or wager* or "gaming machine*" or "slot machine*" or "fruit machine*" or "poker machine*" or "lottery machine*" or "lotteries machine*" or "gaming terminal*" or "slot terminal*" or "fruit terminal*" or "poker terminal*" or "lottery terminal*" or "lotteries terminal*" or pokies or pokey or puggy or fruities)	
AND	AB, TI (access* or barrier* or facilitat* or refer* or signpost* or "sign post*" or "statutory collaboration" or "communit* collaboration" or "volunt* collaboration" or "charit* collaboration" or "organisation* collaboration" or "organization* collaboration" or "service collaboration" or "care collaboration" or "minorit* or underrepresent* or "under represent*" or "communicat* service" or "inform* service" or "continuing educat*" or "professional education" or stigma* or anonym* or confidential* or privacy or outreach* or "mobile support*" or "phone support*" or "smartphone support*" or "app support*" or "apps support*" or "tablet support*" or "web support*" or "internet support*" or "computer support*" or "online support*" or "digital support*" or telemedicine or "tele medicine" or telehealth* or "tele health*" or telesupport Or "tele support" or teleservice or "tele service" or hotline or hotlines or helpline or helplines or "help line" or "help lines" or "support group" or "support groups" or "help group" or "help groups" or "peer support" or "social support" or mentor*)	
AND	Additional limits - Date: From January 01 2000	86

Database: Social Care Online

Date of last search: 03/04/2023

#	Searches
	AllFields:'gamble or gambler or gamblers or gambling or gambled or betting or bet or bets or wager or wagers or "gaming machine" or "slot machine" or "fruit machine" or "poker machine" or "lottery machine" or "lotteries machine" or "gaming terminal" or "slot terminal" or "fruit terminal" or "poker terminal" or "lottery terminal" or "lotteries terminal" or pokies or pokey or puggy or fruities'
	AND AllFields:'access or accessing or barrier or facilitate or facilitators or facilitating or refer or referral or signpost or signposting or "sign post" or "sign posting" or "statutory collaboration" or "community collaboration" or "volunteer collaboration" or "voluntary collaboration" or "charity collaboration" or "charities collaboration" or "organisational collaboration" or "organizational collaboration" or "service collaboration" or "care collaboration" or minority or minorities or underrepresented or "under represented" or "communication service" or "information service" or "continuing education" or "professional education" or stigma or stigmatized or anonymity or confidentiality or privacy or outreach or "mobile support" or "phone support" or "smartphone support" or "app support" or "apps support" or "tablet support" or "web support" or "internet support" or "computer support" or "online support" or "digital support" or telemedicine or telehealth or telehealthcare or "tele health" or "tele healthcare" or telesupport or "tele support" or teleservice or "tele service" or hotline or helpline or "help line" or "support group" or "help group" or "peer support" or "social support" or mentor or mentoring'
	AND PublicationYear:'2000 2022'

Database: Social Sciences Citation Index

Date of last search: 03/04/2023

#	Searches
	(gamb)* or betting or bet or bets or wager* or "gaming machine*" or "slot machine*" or "fruit machine*" or "poker machine*" or "lottery machine*" or "lotteries machine*" or "gaming terminal*" or "slot terminal*" or "fruit terminal*" or "poker terminal*" or "lottery terminal*" or "lotteries terminal*" or pokies or pokey or puggy or fruities) and (access* or barrier* or facilitat* or refer* or signpost* or "sign post*" or "statutory collaboration" or "communit* collaboration" or "volunt* collaboration" or "charit* collaboration" or "organisation* collaboration" or "organization* collaboration" or "service collaboration" or "care collaboration" or "minorit* or underrepresent* or "under represent*" or "communicat* service" or "inform* service" or "continuing educat*" or "professional education" or stigma* or anonym* or confidential* or privacy or outreach* or "mobile support*" or "phone support*" or "smartphone support*" or "app support*" or "apps support*" or "tablet support*" or "web support*" or "internet support*" or "computer support*" or "online support*" or "digital support*" or telemedicine or "tele medicine" or telehealth* or "tele health*" or telesupport Or "tele support" or teleservice or "tele service" or hotline or hotlines or helpline or helplines or "help line" or "help lines" or "support group" or "support groups" or "help group" or "help groups" or "peer support" or "social support" or mentor*) (Title) Timespan: 2000-01-01 to 2022-07-01

Other sources

All websites listed in the protocol were searched and browsed.

Date of last search: 11/04/2023

Economics searches

Please note that a combined literature search was undertaken to cover the economics aspects of all the review questions in a single search.

Database: Medline and Medline-in-Process

Date of last search: 04/04/2023

#	Searches
1	GAMBLING/
2	(gambl* not standard gamble).ti,ab.
3	betting.ti,ab.
4	(bet or bets).ti,ab.
5	wager*.ti,ab.
6	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
7	(pokies or pokey or puggy or fruities).ti,ab.
8	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
9	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
10	or/1-9
11	limit 10 to english language
12	limit 11 to yr="2000 -Current"
13	LETTER/
14	EDITORIAL/
15	NEWS/
16	exp HISTORICAL ARTICLE/
17	ANECDOTES AS TOPIC/
18	COMMENT/
19	CASE REPORT/
20	(letter or comment*).ti.
21	or/13-20
22	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
23	21 not 22
24	ANIMALS/ not HUMANS/
25	exp ANIMALS, LABORATORY/
26	exp ANIMAL EXPERIMENTATION/
27	exp MODELS, ANIMAL/
28	exp RODENTIA/
29	(rat or rats or mouse or mice).ti.
30	or/23-29
31	12 not 30
32	ECONOMICS/
33	VALUE OF LIFE/
34	exp "COSTS AND COST ANALYSIS"/
35	exp ECONOMICS, HOSPITAL/
36	exp ECONOMICS, MEDICAL/
37	exp RESOURCE ALLOCATION/
38	ECONOMICS, NURSING/
39	ECONOMICS, PHARMACEUTICAL/
40	exp "FEES AND CHARGES"/
41	exp BUDGETS/
42	budget*.ti,ab.
43	cost*.ti,ab.
44	(economic* or pharmaco?economic*).ti,ab.
45	(price* or pricing*).ti,ab.
46	(financ* or fee or fees or expenditure* or saving*).ti,ab.
47	(value adj2 (money or monetary)).ti,ab.
48	resourc* allocat*.ti,ab.
49	(fund or funds or funding* or funded).ti,ab.
50	(ration or rations or rationing* or rationed).ti,ab.
51	ec.fs.
52	or/32-51
53	"VALUE OF LIFE"/
54	QUALITY OF LIFE/

#	Searches
55	quality of life.ti,kf.
56	((instrument or instruments) adj3 quality of life).ab.
57	QUALITY-ADJUSTED LIFE YEARS/
58	quality adjusted life.ti,ab,kf.
59	(qaly* or qald* or qale* or qtime* or life year or life years).ti,ab,kf.
60	disability adjusted life.ti,ab,kf.
61	daly*.ti,ab,kf.
62	(sf36 or sf 36 or short form 36 or shortform 36 or short form36 or shortform36 or sf thirtysix or sftthirtysix or sftthirty six or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab,kf.
63	(sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six or shortform6 or short form6).ti,ab,kf.
64	(sf8 or sf 8 or sf eight or sfeight or shortform 8 or shortform 8 or shortform8 or short form8 or shortform eight or short form eight).ti,ab,kf.
65	(sf12 or sf 12 or short form 12 or shortform 12 or short form12 or shortform12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab,kf.
66	(sf16 or sf 16 or short form 16 or shortform 16 or short form16 or shortform16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab,kf.
67	(sf20 or sf 20 or short form 20 or shortform 20 or short form20 or shortform20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab,kf.
68	(hql or hqol or h qol or hrqol or hr qol).ti,ab,kf.
69	(hye or hyes).ti,ab,kf.
70	(health* adj2 year* adj2 equivalent*).ti,ab,kf.
71	(pqol or qls).ti,ab,kf.
72	(quality of wellbeing or quality of well being or index of wellbeing or index of well being or qwb).ti,ab,kf.
73	nottingham health profile*.ti,ab,kf.
74	sickness impact profile.ti,ab,kf.
75	exp HEALTH STATUS INDICATORS/
76	(health adj3 (utilit* or status)).ti,ab,kf.
77	(utilit* adj3 (valu* or measur* or health or life or estimat* or elicite* or disease or score* or weight)).ti,ab,kf.
78	(preference* adj3 (valu* or measur* or health or life or estimat* or elicite* or disease or score* or instrument or instruments)).ti,ab,kf.
79	disutilit*.ti,ab,kf.
80	rosser.ti,ab,kf.
81	willingness to pay.ti,ab,kf.
82	standard gamble*.ti,ab,kf.
83	(time trade off or time tradeoff).ti,ab,kf.
84	tto.ti,ab,kf.
85	(hui or hui1 or hui2 or hui3).ti,ab,kf.
86	(eq or euroqol or euro qol or eq5d or eq 5d or euroqual or euro qual).ti,ab,kf.
87	duke health profile.ti,ab,kf.
88	functional status questionnaire.ti,ab,kf.
89	dartmouth coop functional health assessment*.ti,ab,kf.
90	or/53-89
91	31 and 52
92	31 and 90
93	91 or 92

Database: Embase**Date of last search: 04/04/2023**

#	Searches
1	GAMBLING/
2	PATHOLOGICAL GAMBLING/
3	(gambl* not standard gamble).ti,ab.
4	betting.ti,ab.
5	(bet or bets).ti,ab.
6	wager*.ti,ab.
7	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
8	(pokies or pokey or puggy or fruities).ti,ab.
9	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
10	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
11	or/1-10
12	limit 11 to english language
13	limit 12 to yr="2000 -Current"

#	Searches
14	letter.pt. or LETTER/
15	note.pt.
16	editorial.pt.
17	CASE REPORT/ or CASE STUDY/
18	(letter or comment*).ti.
19	or/14-18
20	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
21	19 not 20
22	ANIMAL/ not HUMAN/
23	NONHUMAN/
24	exp ANIMAL EXPERIMENT/
25	exp EXPERIMENTAL ANIMAL/
26	ANIMAL MODEL/
27	exp RODENT/
28	(rat or rats or mouse or mice).ti.
29	or/21-28
30	13 not 29
31	HEALTH ECONOMICS/
32	exp ECONOMIC EVALUATION/
33	exp HEALTH CARE COST/
34	exp FEE/
35	BUDGET/
36	FUNDING/
37	RESOURCE ALLOCATION/
38	budget*.ti,ab.
39	cost*.ti,ab.
40	(economic* or pharmaco?economic*).ti,ab.
41	(price* or pricing*).ti,ab.
42	(financ* or fee or fees or expenditure* or saving*).ti,ab.
43	(value adj2 (money or monetary)).ti,ab.
44	resourc* allocat*.ti,ab.
45	(fund or funds or funding* or funded).ti,ab.
46	(ration or rations or rationing* or rationed).ti,ab.
47	or/31-46
48	SOCIOECONOMICS/
49	exp QUALITY OF LIFE/
50	quality of life.ti,kw.
51	((instrument or instruments) adj3 quality of life).ab.
52	QUALITY-ADJUSTED LIFE YEAR/
53	quality adjusted life.ti,ab,kw.
54	(qaly* or qald* or qale* or qtime* or life year or life years).ti,ab,kw.
55	disability adjusted life.ti,ab,kw.
56	daly*.ti,ab,kw.
57	(sf36 or sf 36 or short form 36 or shortform 36 or short form36 or shortform36 or sf thirtysix or sftthirtysix or sftthirty six or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab,kw.
58	(sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six or shortform6 or short form6).ti,ab,kw.
59	(sf8 or sf 8 or sf eight or sfeight or shortform 8 or shortform 8 or shortform8 or short form8 or shortform eight or short form eight).ti,ab,kw.
60	(sf12 or sf 12 or short form 12 or shortform 12 or short form12 or shortform12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab,kw.
61	(sf16 or sf 16 or short form 16 or shortform 16 or short form16 or shortform16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab,kw.
62	(sf20 or sf 20 or short form 20 or shortform 20 or short form20 or shortform20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab,kw.
63	(hql or hqol or h qol or hrqol or hr qol).ti,ab,kw.
64	(hye or hyes).ti,ab,kw.
65	(health* adj2 year* adj2 equivalent*).ti,ab,kw.
66	(pqol or qls).ti,ab,kw.
67	(quality of wellbeing or quality of well being or index of wellbeing or index of well being or qwb).ti,ab,kw.
68	NOTTINGHAM HEALTH PROFILE/
69	nottingham health profile*.ti,ab,kw.
70	SICKNESS IMPACT PROFILE/
71	sickness impact profile.ti,ab,kw.
72	HEALTH STATUS INDICATOR/
73	(health adj3 (utilit* or status)).ti,ab,kw.
74	(utilit* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or weight)).ti,ab,kw.

#	Searches
75	(preference* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or instrument or instruments)).ti,ab,kw.
76	disutilit*.ti,ab,kw.
77	rosser.ti,ab,kw.
78	willingness to pay.ti,ab,kw.
79	standard gamble*.ti,ab,kw.
80	(time trade off or time tradeoff).ti,ab,kw.
81	tto.ti,ab,kw.
82	(hui or hui1 or hui2 or hui3).ti,ab,kw.
83	(eq or euroqol or euro qol or eq5d or eq 5d or euroqual or euro qual).ti,ab,kw.
84	duke health profile.ti,ab,kw.
85	functional status questionnaire.ti,ab,kw.
86	dartmouth coop functional health assessment*.ti,ab,kw.
87	or/48-86
88	30 and 47
89	30 and 87
90	88 or 89

Database: Emcare**Date of last search: 04/04/2023**

#	Searches
1	GAMBLING/
2	PATHOLOGICAL GAMBLING/
3	(gambl* not standard gamble).ti,ab.
4	betting.ti,ab.
5	(bet or bets).ti,ab.
6	wager*.ti,ab.
7	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
8	(pokies or pokey or puggy or fruities).ti,ab.
9	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
10	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
11	or/1-10
12	limit 11 to english language
13	limit 12 to yr="2000 -Current"
14	letter.pt. or LETTER/
15	note.pt.
16	editorial.pt.
17	CASE REPORT/ or CASE STUDY/
18	(letter or comment*).ti.
19	or/14-18
20	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
21	19 not 20
22	ANIMAL/ not HUMAN/
23	NONHUMAN/
24	exp ANIMAL EXPERIMENT/
25	exp EXPERIMENTAL ANIMAL/
26	ANIMAL MODEL/
27	exp RODENT/
28	(rat or rats or mouse or mice).ti.
29	or/21-28
30	13 not 29
31	HEALTH ECONOMICS/
32	exp ECONOMIC EVALUATION/
33	exp HEALTH CARE COST/
34	exp FEE/
35	BUDGET/
36	FUNDING/
37	RESOURCE ALLOCATION/
38	budget*.ti,ab.
39	cost*.ti,ab.
40	(economic* or pharmaco?economic*).ti,ab.
41	(price* or pricing*).ti,ab.

#	Searches
42	(financ* or fee or fees or expenditure* or saving*).ti,ab.
43	(value adj2 (money or monetary)).ti,ab.
44	resourc* allocat*.ti,ab.
45	(fund or funds or funding* or funded).ti,ab.
46	(ration or rations or rationing* or rationed).ti,ab.
47	or/31-46
48	SOCIOECONOMICS/
49	exp QUALITY OF LIFE/
50	quality of life.ti,kw.
51	((instrument or instruments) adj3 quality of life).ab.
52	QUALITY-ADJUSTED LIFE YEAR/
53	quality adjusted life.ti,ab,kw.
54	(qaly* or qald* or qale* or qtime* or life year or life years).ti,ab,kw.
55	disability adjusted life.ti,ab,kw.
56	daly*.ti,ab,kw.
57	(sf36 or sf 36 or short form 36 or shortform 36 or short form36 or shortform36 or sf thirtysix or sfthirtysix or sfthirty six or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab,kw.
58	(sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six or shortform6 or short form6).ti,ab,kw.
59	(sf8 or sf 8 or sf eight or sfeight or shortform 8 or shortform 8 or shortform8 or short form8 or shortform eight or short form eight).ti,ab,kw.
60	(sf12 or sf 12 or short form 12 or shortform 12 or short form12 or shortform12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab,kw.
61	(sf16 or sf 16 or short form 16 or shortform 16 or short form16 or shortform16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab,kw.
62	(sf20 or sf 20 or short form 20 or shortform 20 or short form20 or shortform20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab,kw.
63	(hql or hqol or h qol or hrqol or hr qol).ti,ab,kw.
64	(hye or hyes).ti,ab,kw.
65	(health* adj2 year* adj2 equivalent*).ti,ab,kw.
66	(pqol or qls).ti,ab,kw.
67	(quality of wellbeing or quality of well being or index of wellbeing or index of well being or qwb).ti,ab,kw.
68	NOTTINGHAM HEALTH PROFILE/
69	nottingham health profile*.ti,ab,kw.
70	SICKNESS IMPACT PROFILE/
71	sickness impact profile.ti,ab,kw.
72	HEALTH STATUS INDICATOR/
73	(health adj3 (utilit* or status)).ti,ab,kw.
74	(utilit* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or weight)).ti,ab,kw.
75	(preference* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or instrument or instruments)).ti,ab,kw.
76	disutilit*.ti,ab,kw.
77	rosser.ti,ab,kw.
78	willingness to pay.ti,ab,kw.
79	standard gamble*.ti,ab,kw.
80	(time trade off or time tradeoff).ti,ab,kw.
81	tto.ti,ab,kw.
82	(hui or hui1 or hui2 or hui3).ti,ab,kw.
83	(eq or euroqol or euro qol or eq5d or eq 5d or euroqual or euro qual).ti,ab,kw.
84	duke health profile.ti,ab,kw.
85	functional status questionnaire.ti,ab,kw.
86	dartmouth coop functional health assessment*.ti,ab,kw.
87	or/48-86
88	30 and 47
89	30 and 87
90	88 or 89

Database: PsycInfo**Date of last search: 04/04/2023**

#	Searches
1	GAMBLING/
2	GAMBLING DISORDER/
3	(gambl* not standard gamble).ti,ab.
4	betting.ti,ab.
5	(bet or bets).ti,ab.

#	Searches
6	wager*.ti,ab.
7	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
8	(pokies or pokey or puggy or fruities).ti,ab.
9	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
10	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
11	or/1-10
12	limit 11 to english language
13	limit 12 to yr="2000 -Current"
14	(letter or editorial or comment reply).dt. or case report/
15	(letter or comment*).ti.
16	or/14-15
17	exp randomized controlled trial/
18	random*.ti,ab.
19	or/17-18
20	16 not 19
21	animal.po.
22	(rat or rats or mouse or mice).ti.
23	or/20-22
24	13 not 23
25	ECONOMICS/
26	HEALTH CARE ECONOMICS/
27	exp "COSTS AND COST ANALYSIS"/
28	RESOURCE ALLOCATION/
29	budget*.ti,ab.
30	cost*.ti,ab.
31	(economic* or pharmaco?economic*).ti,ab.
32	(price* or pricing*).ti,ab.
33	(financ* or fee or fees or expenditure* or saving*).ti,ab.
34	(value adj2 (money or monetary)).ti,ab.
35	resourc* allocat*.ti,ab.
36	(fund or funds or funding* or funded).ti,ab.
37	(ration or rations or rationing* or rationed).ti,ab.
38	or/25-37
39	"QUALITY OF LIFE"/
40	"HEALTH RELATED QUALITY OF LIFE"/
41	quality of life.ti.
42	((instrument or instruments) adj3 quality of life).ab.
43	quality adjusted life.ti,ab.
44	(qaly* or qald* or qale* or qtime* or life year or life years).ti,ab.
45	disability adjusted life.ti,ab.
46	daly*.ti,ab.
47	(sf36 or sf 36 or short form 36 or shortform 36 or short form36 or shortform36 or sf thirtysix or sftthirtysix or sftthirty six or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.
48	(sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six or shortform6 or short form6).ti,ab.
49	(sf8 or sf 8 or sf eight or sfeight or shortform 8 or shortform 8 or shortform8 or short form8 or shortform eight or short form eight).ti,ab.
50	(sf12 or sf 12 or short form 12 or shortform 12 or short form12 or shortform12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab.
51	(sf16 or sf 16 or short form 16 or shortform 16 or short form16 or shortform16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab.
52	(sf20 or sf 20 or short form 20 or shortform 20 or short form20 or shortform20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab.
53	(hq1 or hqol or h qol or hrqol or hr qol).ti,ab.
54	(hye or hyes).ti,ab.
55	(health* adj2 year* adj2 equivalent*).ti,ab.
56	(pqol or qls).ti,ab.
57	(quality of wellbeing or quality of well being or index of wellbeing or index of well being or qwb).ti,ab.
58	nottingham health profile*.ti,ab.
59	sickness impact profile.ti,ab.
60	(health adj3 (utilit* or status)).ti,ab.
61	(utilit* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or weight)).ti,ab.
62	(preference* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or instrument or instruments)).ti,ab.
63	disutilit*.ti,ab.

#	Searches
64	rosser.ti,ab.
65	willingness to pay.ti,ab.
66	standard gamble*.ti,ab.
67	(time trade off or time tradeoff).ti,ab.
68	tto.ti,ab.
69	(hui or hui1 or hui2 or hui3).ti,ab.
70	(eq or euroqol or euro qol or eq5d or eq 5d or euroqual or euro qual).ti,ab.
71	duke health profile.ti,ab.
72	functional status questionnaire.ti,ab.
73	dartmouth coop functional health assessment*.ti,ab.
74	or/39-73
75	24 and 38
76	24 and 74
77	75 or 76
78	limit 77 to ("0100 journal" or "0110 peer-reviewed journal")

Database: Health Management Information Consortium

Date of last search: 04/04/2023

#	Searches
1	GAMBLING/
2	GAMBLERS/
3	GAMBLING MACHINES/
4	AMUSEMENT ARCADES/
5	CASINOS/
6	BOOKMAKERS/
7	LOTTERIES/
8	NATIONAL LOTTERY/
9	(gambl* not standard gamble).ti,ab.
10	betting.ti,ab.
11	(bet or bets).ti,ab.
12	wager*.ti,ab.
13	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
14	(pokies or pokey or puggy or fruities).ti,ab.
15	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
16	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
17	or/1-16
18	limit 17 to yr="2000 -Current"
19	exp ECONOMICS/
20	exp COSTS/
21	exp FEES/
22	exp BUDGETS/
23	RESOURCE ALLOCATION/
24	budget*.ti,ab.
25	cost*.ti,ab.
26	(economic* or pharmaco?economic*).ti,ab.
27	(price* or pricing*).ti,ab.
28	(financ* or fee or fees or expenditure* or saving*).ti,ab.
29	(value adj2 (money or monetary)).ti,ab.
30	resourc* allocat*.ti,ab.
31	(fund or funds or funding* or funded).ti,ab.
32	(ration or rations or rationing* or rationed).ti,ab.
33	or/19-32
34	"QUALITY OF LIFE"/
35	QUALITY-ADJUSTED LIFE YEARS/
36	HEALTH STATUS MEASURES/
37	HEALTH SERVICE INDICATORS/
38	quality of life.ti.
39	((instrument or instruments) adj3 quality of life).ab.
40	quality adjusted life.ti,ab.
41	(qaly* or qald* or qale* or qtime* or life year or life years).ti,ab.
42	disability adjusted life.ti,ab.
43	daly*.ti,ab.

#	Searches
44	(sf36 or sf 36 or short form 36 or shortform 36 or short form36 or shortform36 or sf thirtysix or sftthirtysix or sftthirty six or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.
45	(sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six or shortform6 or short form6).ti,ab.
46	(sf8 or sf 8 or sf eight or sfeight or shortform 8 or shortform 8 or shortform8 or short form8 or shortform eight or short form eight).ti,ab.
47	(sf12 or sf 12 or short form 12 or shortform 12 or short form12 or shortform12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab.
48	(sf16 or sf 16 or short form 16 or shortform 16 or short form16 or shortform16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab.
49	(sf20 or sf 20 or short form 20 or shortform 20 or short form20 or shortform20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab.
50	(hql or hqol or h qol or hrqol or hr qol).ti,ab.
51	(hye or hyes).ti,ab.
52	(health* adj2 year* adj2 equivalent*).ti,ab.
53	(pqol or qls).ti,ab.
54	(quality of wellbeing or quality of well being or index of wellbeing or index of well being or qwb).ti,ab.
55	nottingham health profile*.ti,ab.
56	sickness impact profile.ti,ab.
57	(health adj3 (utilit* or status)).ti,ab.
58	(utilit* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or weight)).ti,ab.
59	(preference* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or instrument or instruments)).ti,ab.
60	disutilit*.ti,ab.
61	rosser.ti,ab.
62	willingness to pay.ti,ab.
63	standard gamble*.ti,ab.
64	(time trade off or time tradeoff).ti,ab.
65	tto.ti,ab.
66	(hui or hui1 or hui2 or hui3).ti,ab.
67	(eq or euroqol or euro qol or eq5d or eq 5d or euroqual or euro qual).ti,ab.
68	duke health profile.ti,ab.
69	functional status questionnaire.ti,ab.
70	dartmouth coop functional health assessment*.ti,ab.
71	or/34-70
72	18 and 33
73	18 and 71
74	72 or 73

Database: Social Policy and Practice

Date of last search: 04/04/2023

#	Searches
1	(gambl* not standard gamble).ti,ab.
2	betting.ti,ab.
3	(bet or bets).ti,ab.
4	wager*.ti,ab.
5	((gaming or gambling or slot or fruit or poker or lottery or lotteries) adj5 (machine? or terminal?)).ti,ab.
6	(pokies or pokey or puggy or fruities).ti,ab.
7	((dice or card? or roulette or blackjack or poker or baccarat or crap or craps or keno or casino? or bingo or bookmaker? or book maker or bookie? or lottery or lotteries or lotto or scratch card? or scratchcard? or raffle or raffles or sweepstak* or amusement arcade? or slot?) adj5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)).ti,ab.
8	((game or games or gaming or gamer?) adj5 (money or monetization or monetisation or monetary)).ti,ab.
9	or/1-8
10	limit 9 to yr="2000 -Current"
11	budget*.ti,ab.
12	cost*.ti,ab.
13	(economic* or pharmaco?economic*).ti,ab.
14	(price* or pricing*).ti,ab.
15	(financ* or fee or fees or expenditure* or saving*).ti,ab.
16	(value adj2 (money or monetary)).ti,ab.
17	resourc* allocat*.ti,ab.
18	(fund or funds or funding* or funded).ti,ab.
19	(ration or rations or rationing* or rationed).ti,ab.
20	or/11-19
21	quality of life.ti.

#	Searches
22	((instrument or instruments) adj3 quality of life).ab.
23	quality adjusted life.ti,ab.
24	(qaly* or qald* or qale* or qtime* or life year or life years).ti,ab.
25	disability adjusted life.ti,ab.
26	daly*.ti,ab.
27	(sf36 or sf 36 or short form 36 or shortform 36 or short form36 or shortform36 or sf thirtysix or sftthirtysix or sftthirty six or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.
28	(sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six or shortform6 or short form6).ti,ab.
29	(sf8 or sf 8 or sf eight or sfeight or shortform 8 or shortform 8 or shortform8 or short form8 or shortform eight or short form eight).ti,ab.
30	(sf12 or sf 12 or short form 12 or shortform 12 or short form12 or shortform12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab.
31	(sf16 or sf 16 or short form 16 or shortform 16 or short form16 or shortform16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab.
32	(sf20 or sf 20 or short form 20 or shortform 20 or short form20 or shortform20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab.
33	(hql or hqol or h qol or hrqol or hr qol).ti,ab.
34	(hqe or hqes).ti,ab.
35	(health* adj2 year* adj2 equivalent*).ti,ab.
36	(pqol or qls).ti,ab.
37	(quality of wellbeing or quality of well being or index of wellbeing or index of well being or qwb).ti,ab.
38	nottingham health profile*.ti,ab.
39	sickness impact profile.ti,ab.
40	(health adj3 (utilit* or status)).ti,ab.
41	(utilit* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or weight)).ti,ab.
42	(preference* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or instrument or instruments)).ti,ab.
43	disutilit*.ti,ab.
44	rosser.ti,ab.
45	willingness to pay.ti,ab.
46	standard gamble*.ti,ab.
47	(time trade off or time tradeoff).ti,ab.
48	tto.ti,ab.
49	(hui or hui1 or hui2 or hui3).ti,ab.
50	(eq or euroqol or euro qol or eq5d or eq 5d or euroqual or euro qual).ti,ab.
51	duke health profile.ti,ab.
52	functional status questionnaire.ti,ab.
53	dartmouth coop functional health assessment*.ti,ab.
54	or/21-53
55	10 and 20
56	10 and 54
57	55 or 56

Database: Cochrane Central Register of Controlled Trials (CENTRAL); and Cochrane Database of Systematic Reviews (CDSR)

Date of last search: 04/04/2023

#	Searches
#1	MeSH descriptor: [Gambling] this term only
#2	gambl*:ti,ab
#3	betting.ti,ab
#4	(bet or bets):ti,ab
#5	wager*:ti,ab
#6	((gaming or gambling or slot or fruit or poker or lottery or lotteries) near/5 (machine* or terminal*)):ti,ab
#7	(pokies or pokey or puggy or fruities):ti,ab
#8	((dice or card or cards or roulette or blackjack or poker or baccarat or crap or craps or keno or casino* or bingo or bookmaker* or "book maker" or bookie* or lottery or lotteries or lotto or "scratch card*" or scratchcard* or raffle or raffles or sweepstak* or "amusement arcade*" or slot or slots) near/5 (money or monetization or monetisation or monetary or currency or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)):ti,ab
#9	((game or games or gaming or gamer*) near/5 (money or monetization or monetisation or monetary)):ti,ab
#10	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9
#11	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 with Cochrane Library publication date Between Jan 2000 and Mar 2022
#12	MeSH descriptor: [Economics] this term only

#	Searches
#13	MeSH descriptor: [Value of Life] this term only
#14	MeSH descriptor: [Costs and Cost Analysis] explode all trees
#15	MeSH descriptor: [Economics, Hospital] explode all trees
#16	MeSH descriptor: [Economics, Medical] explode all trees
#17	MeSH descriptor: [Resource Allocation] explode all trees
#18	MeSH descriptor: [Economics, Nursing] this term only
#19	MeSH descriptor: [Economics, Pharmaceutical] this term only
#20	MeSH descriptor: [Fees and Charges] explode all trees
#21	MeSH descriptor: [Budgets] explode all trees
#22	budget*:ti,ab
#23	cost*:ti,ab
#24	(economic* or pharmaco?economic*):ti,ab
#25	(price* or pricing*):ti,ab
#26	(financ* or fee or fees or expenditure* or saving*):ti,ab
#27	(value near/2 (money or monetary)):ti,ab
#28	resourc* allocat*:ti,ab
#29	(fund or funds or funding* or funded):ti,ab
#30	(ration or rations or rationing* or rationed):ti,ab
#31	#12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30
#32	MeSH descriptor: [Value of Life] this term only
#33	MeSH descriptor: [Quality of Life] this term only
#34	"quality of life":ti
#35	((instrument or instruments) near/3 "quality of life"):ab
#36	MeSH descriptor: [Quality-Adjusted Life Years] this term only
#37	"quality adjusted life":ti,ab
#38	(qaly* or qald* or qale* or qtime* or "life year" or "life years"):ti,ab
#39	"disability adjusted life":ti,ab
#40	daly*:ti,ab
#41	(sf36 or "sf 36" or "short form 36" or "shortform 36" or "short form36" or shortform36 or "sf thirtysix" or sftthirtysix or "sftthirty six" or "sf thirty six" or "shortform thirtysix" or "shortform thirty six" or "short form thirtysix" or "short form thirty six"):ti,ab
#42	(sf6 or "sf 6" or "short form 6" or "shortform 6" or "sf six" or sfsix or "shortform six" or "short form six" or shortform6 or "short form6"):ti,ab
#43	(sf8 or "sf 8" or "sf eight" or sfeight or "shortform 8" or "shortform 8" or shortform8 or "short form8" or "shortform eight" or "short form eight"):ti,ab
#44	(sf12 or "sf 12" or "short form 12" or "shortform 12" or "short form12" or shortform12 or "sf twelve" or sftwelve or "shortform twelve" or "short form twelve"):ti,ab
#45	(sf16 or "sf 16" or "short form 16" or "shortform 16" or "short form16" or shortform16 or "sf sixteen" or sfsixteen or "shortform sixteen" or "short form sixteen"):ti,ab
#46	(sf20 or "sf 20" or "short form 20" or "shortform 20" or "short form20" or shortform20 or "sf twenty" or sftwenty or "shortform twenty" or "short form twenty"):ti,ab
#47	(hql or hqol or "h qol" or hrqol or "hr qol"):ti,ab
#48	(hye or hyes):ti,ab
#49	(health* near/2 year* near/2 equivalent*):ti,ab
#50	(pqol or qls):ti,ab
#51	(quality of wellbeing or "quality of well being" or "index of wellbeing" or "index of well being" or qwb):ti,ab
#52	"nottingham health profile*":ti,ab
#53	"sickness impact profile":ti,ab
#54	MeSH descriptor: [Health Status Indicators] explode all trees
#55	(health near/3 (utilit* or status)):ti,ab
#56	(utilit* near/3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or weight)):ti,ab
#57	(preference* near/3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or instrument or instruments)):ti,ab
#58	disutilit*:ti,ab
#59	rosser:ti,ab
#60	"willingness to pay":ti,ab
#61	"standard gamble*":ti,ab
#62	("time trade off" or "time tradeoff"):ti,ab
#63	tto:ti,ab
#64	(hui or hui1 or hui2 or hui3):ti,ab
#65	(eq or euroqol or "euro qol" or eq5d or "eq 5d" or euroqual or "euro qual"):ti,ab
#66	"duke health profile":ti,ab
#67	"functional status questionnaire":ti,ab
#68	"dartmouth coop functional health assessment*":ti,ab
#69	#32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55 or #56 or #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68

#	Searches
#70	#11 and #31
#71	#11 and #69
#72	#70 or #71

Database: International Health Technology Assessment Database (INAHTA)

Date of last search: 04/04/2023

#	Searches
	All:(gamble or gambler or gamblers or gambling or gambled or betting or bet or bets or wager or wagers) AND Publication Year: 2000-2022

Database: NHS Economic Evaluation Database (NHS EED)

Date of last search: 04/04/2023

#	Searches
1	MeSH DESCRIPTOR GAMBLING IN NHSEED
2	(gambl*) TI IN NHSEED
3	(betting) IN NHSEED
4	(bet or bets) IN NHSEED
5	(wager*) IN NHSEED
6	((gaming or gambling or slot or fruit or poker or lottery or lotteries) near5 (machine* or terminal*)) IN NHSEED
7	(pokies or pokey or puggy or fruities) IN NHSEED
8	((dice or card or cards or roulette or blackjack or poker or baccarat or crap or craps or keno or casino* or bingo or bookmaker* or book maker or bookie* or lottery or lotteries or lotto or scratch card* or scratchcard* or raffle or raffles or sweepstak* or amusement arcade* or slot*) near5 (money or monetization or monetisation or monetary or currency or currencies or cryptocurrency or cryptocurrencies or reward* or win or wins or winning* or loss or losses or lose)) IN NHSEED
9	((game or games or gaming or gamer*) near5 (money or monetization or monetisation or monetary)) IN NHSEED
10	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9

Database: Cumulative Index to Nursing and Allied Health Literature (CINAHL)

Date of last search: 04/04/2023

#	Searches
S1	TI (gambl* or betting or bet or bets or wager* or "gaming machine*" or "slot machine*" or "fruit machine*" or "poker machine*" or "lottery machine*" or "lotteries machine*" or "gaming terminal*" or "slot terminal*" or "fruit terminal*" or "poker terminal*" or "lottery terminal*" or "lotteries terminal*" or pokies or pokey or puggy or fruities) Limiters - Publication Year: 2000-
S2	TI (budget* OR cost* OR economic* OR pharmaco-economic* OR price* OR pricing* OR financ* OR fee OR fees OR expenditure* OR saving* OR "value for money" OR "monetary value" OR "resourc* allocat*" OR "allocat* resourc*" OR fund OR funds OR funding* OR funded OR ration OR rations OR rationing* OR rationed or "quality of life" or "quality adjusted life" or "disability adjusted life" or "short form or shortform" or "health year equivalent*" or "nottingham health profile*" or "sickness impact profile*" or "health status indicator*" or "health utilit*" or "utilit* valu*" or "utilit* measur*" or "willingness to pay" or "standard gamble*" or "time trade off" or "time tradeoff" or "duke health profile" or "functional status questionnaire" or "dartmouth coop functional health assessment*") Limiters - Publication Year: 2000-
S3	S1 and S2

Database: Applied Social Science Index and Abstracts (ASSIA)

Date of last search: 04/04/2023

#	Searches
AND	AB, TI (gambl* or betting or bet or bets or wager* or "gaming machine*" or "slot machine*" or "fruit machine*" or "poker machine*" or "lottery machine*" or "lotteries machine*" or "gaming terminal*" or "slot terminal*" or "fruit terminal*" or "poker terminal*" or "lottery terminal*" or "lotteries terminal*" or pokies or pokey or puggy or fruities)
AND	AB, TI (budget* OR cost* OR economic* OR pharmaco-economic* OR price* OR pricing* OR financ* OR fee OR fees OR expenditure* OR saving* OR "value for money" OR "monetary value" OR "resourc* allocat*" OR "allocat* resourc*" OR fund OR funds OR funding* OR funded OR ration OR rations OR rationing* OR rationed or "quality of life" or "quality adjusted life" or "disability adjusted life" or "short form or shortform" or "health year equivalent*" or "nottingham health profile*" or "sickness impact profile*" or "health status indicator*" or "health utilit*" or "utilit* valu*" or "utilit* measur*" or "willingness to pay" or "standard gamble*" or "time trade off" or "time tradeoff" or "duke health profile" or "functional status questionnaire" or "dartmouth coop functional health assessment*")
AND	Additional limits - Date: From January 2000

Database: Social Care Online

Date of last search: 04/04/2023

#	Searches
	AllFields: 'gamble or gambler or gamblers or gambling or gambled or betting or bet or bets or wager or wagers or "gaming machine" or "slot machine" or "fruit machine" or "poker machine" or "lottery machine" or "lotteries machine" or "gaming terminal" or "slot terminal" or "fruit terminal" or "poker terminal" or "lottery terminal" or "lotteries terminal" or pokies or pokey or puggy or fruities'
	AND AllFields: 'budget or cost or economic or pharmaco-economic or price or pricing or finance or fee or fees or expenditure or saving or "value for money" or "monetary value" or "allocate resource" or "resource allocation" or fund or funds or funding or funded or ration or rations or rationing or rationed' or "quality of life" or "quality adjusted life" or "disability adjusted life" or "short form or shortform" or "health year equivalent" or "sickness impact profile" or "health status indicator" or "health utility" or "utility value" or "utility measure" or "standard gamble" or "time trade off" or "time tradeoff"
	AND PublicationYear:'2000 2020'

Database: Social Sciences Citation Index

Date of last search: 04/04/2023

#	Searches
	(gambl* or betting or bet or bets or wager* or "gaming machine*" or "slot machine*" or "fruit machine*" or "poker machine*" or "lottery machine*" or "lotteries machine*" or "gaming terminal*" or "slot terminal*" or "fruit terminal*" or "poker terminal*" or "lottery terminal*" or "lotteries terminal*" or pokies or pokey or puggy or fruities) and (budget* OR cost* OR economic* OR pharmaco-economic* OR price* OR pricing* OR financ* OR fee OR fees OR expenditure* OR saving* OR "value for money" OR "monetary value" OR "resourc* allocat*" OR "allocat* resourc*" OR fund OR funds OR funding* OR funded OR ration OR rations OR rationing* OR rationed or "quality of life" or "quality adjusted life" or "disability adjusted life" or "short form or shortform" or "health year equivalent*" or "nottingham health profile*" or "sickness impact profile*" or "health status indicator*" or "health utilit*" or "utilit* valu*" or "utilit* measur*" or "willingness to pay" or "standard gamble*" or "time trade off" or "time tradeoff" or "duke health profile" or "functional status questionnaire" or "dartmouth coop functional health assessment*") (Title) Timespan: 2000-01-01 to 2022-03-24

Other sources

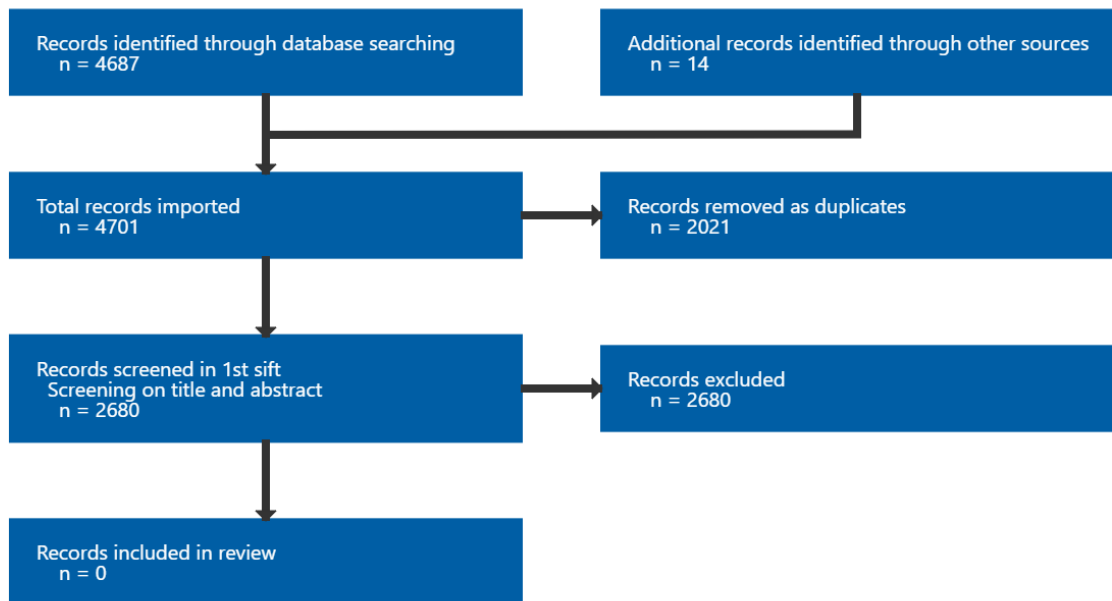
All websites listed in the protocol were searched and browsed.

Date of last search: 11/04/2023

Appendix C Effectiveness evidence study selection

Study selection for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?

Figure 1. Study selection flow chart



Appendix D Evidence tables

Evidence tables for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?

No evidence was identified which was applicable to this review question.

Appendix E Forest plots

Forest plots for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?

No meta-analysis was conducted for this review question and so there are no forest plots.

Appendix F GRADE tables

GRADE tables for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?

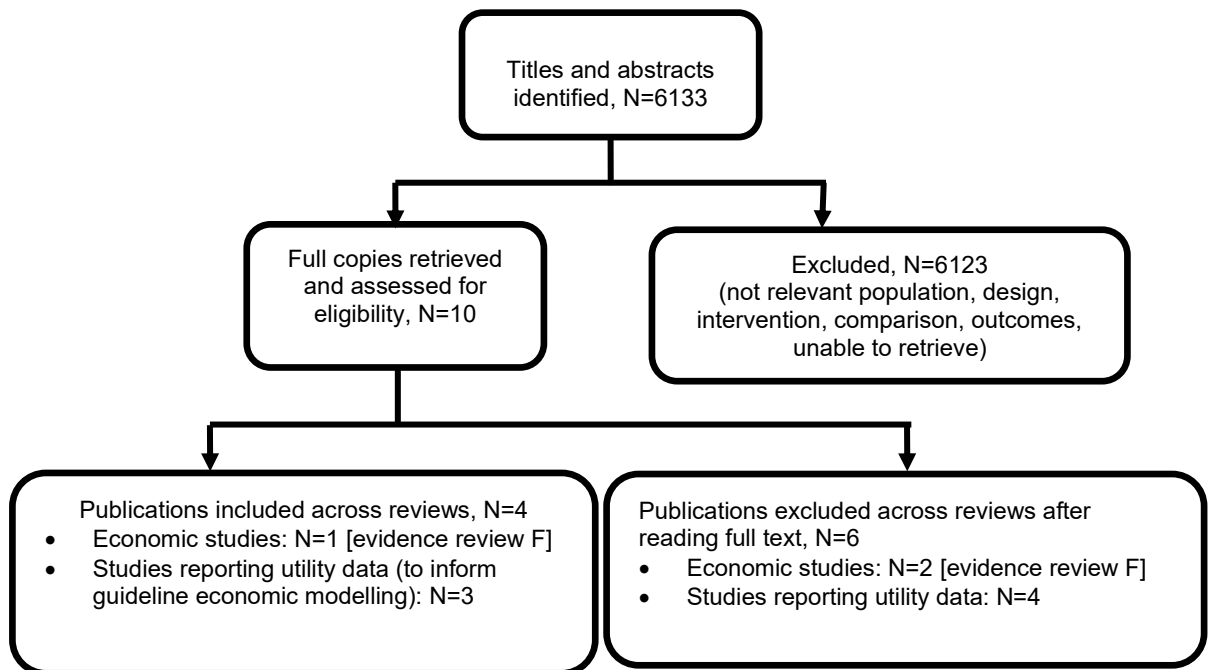
No evidence was identified which was applicable to this review question and so there are no GRADE tables.

Appendix G Economic evidence study selection

Study selection for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?

A global health economics search was undertaken for all areas covered in the guideline. Figure 2 shows the flow diagram of the selection process for economic evaluations of interventions and strategies associated with the care of people experiencing harmful gambling, their families, friends and others close to them, and studies reporting gambling-related health state utility data.

Figure 2: Study selection flow chart



Appendix H Economic evidence tables

Economic evidence tables for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?

No evidence was identified which was applicable to this review question.

Appendix I Economic model

Economic model for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?

No economic analysis was conducted for this review question.

Appendix J Excluded studies

Excluded studies for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?

Excluded effectiveness studies

No effectiveness evidence was reviewed at full text and excluded from this review.

Excluded economic studies

No economic evidence was reviewed at full text and excluded from this review.

Appendix K Research recommendations – full details

Research recommendations for review question: What is the effectiveness of interventions or approaches designed to improve access to treatment for people who participate in harmful gambling, including people who are generally under-represented in treatment services?

K.1.1 Research recommendation

What is the effectiveness and cost-effectiveness of interventions or approaches designed to improve access to gambling treatment services for people from under-represented groups experiencing gambling-related harms?

K.1.2 Why this is important

There is qualitative evidence about barriers and facilitators to accessing treatment for harmful gambling from the perspective of practitioners, people who experience or have experienced harmful gambling, and their affected others. However, no quantitative evidence was located to demonstrate an effective intervention or approach to enabling access so the committee were unable to make recommendations. The committee were aware this was a gap in the guideline and the risk was that people experiencing harmful gambling would continue to miss out on essential treatment and support to achieve positive outcomes. Certain groups of people experiencing harmful gambling are known to be less likely to access treatment (for example, people with neurodevelopmental disabilities or acquired cognitive impairment, those from certain racial or cultural groups, women, people in contact with the criminal justice system, people experiencing homelessness, migrants, those with co-morbid mental health conditions or addictions, and those working in certain occupations) and the committee agreed to make specific reference to this in their recommendation for future research.

K.1.3 Rationale for research recommendation

Table 2: Research recommendation rationale

Importance to 'patients' or the population	There is a lack of clinical effectiveness evidence on interventions or approaches designed to improve access to gambling treatment services. Having access to referral routes and treatment is vital to addressing gambling harms and this is particularly important among people who are generally under-represented in gambling treatment services.
Relevance to NICE guidance	NICE guidance currently does not offer advice on how to improve access to gambling treatment services and referral routes for people experiencing harmful gambling, especially those who are generally under-represented.
Relevance to the NHS	The outcome would affect the types of interventions or approaches offered to improve access to gambling treatment services, particularly for people currently under-represented in those services.
National priorities	High

Current evidence base	No evidence on the effectiveness of interventions to improve access to gambling treatment services was located.
Equality considerations	The aim of this research is to ensure that people who are generally under-represented in gambling treatment services have improved access to gambling treatment services.

NICE: National Institute for Health and Care Excellence

K.1.4 Modified PICO table

Table 3: Research recommendation modified PICO table

Population	People aged 18 years or older, who are currently participating in harmful gambling including those who are generally under-represented in treatment services (such as people with neurodevelopmental disabilities or acquired cognitive impairment, those from certain racial or cultural groups, women, people in contact with the criminal justice system, homeless people, migrants, those with co-morbid mental health conditions or addictions, and those working in certain occupations) .
Intervention	<p>Interventions or approaches which change something about how, where or to whom they are delivered or interventions or services which actively seek to remove barriers to access. Examples include:</p> <ul style="list-style-type: none"> • Services which have been set up with the explicit objective of improving access or rates of referral to gambling treatment services • Existing services which alter the way they operate to improve access or rates of referral to gambling treatment services • Interventions which clearly inform underrepresented individuals about the services available with the aim of improving access • Interventions which seek to educate health and social care professionals on improving access for individuals experiencing, or at risk of experiencing, harmful gambling • Those interventions which adapt methods of communication and how information is presented to underrepresented groups of people participating in harmful gambling. • 'Warm referrals' where, for example, trained, front line staff in high street banks identify people affected by gambling and work closely with them to enable swift referral to treatment, in some cases involving on-site specialist consultations.
Comparator	Interventions compared with each other or:

	<ul style="list-style-type: none"> • Treatment as usual (with no support for access) • Placebo or sham treatment
Outcome	<p>Critical</p> <ul style="list-style-type: none"> • Contact with services (the individual and affected others) • Engagement with gambling treatment services – measured for example by adherence to or completion of a programme or treatment or frequency of attendance. • Referral rates to treatment services • Cost-effectiveness (including resource use measurements and QALY estimations using a validated preference-based measure such as the EQ-5D or SF-6D). <p>Important</p> <ul style="list-style-type: none"> • Satisfaction with available treatment options for the person gambling (measured using validated satisfaction scales).
Study design	<ul style="list-style-type: none"> • Experimental studies using a randomly assigned control group design • Experimental studies using a non-randomly assigned control group design with match comparison or another method of controlling for confounding variables.
Timeframe	Long term (≥ 12 months)
Additional information	None

EIA: Equality impact assessment