

Outcome domain	Outcome	Concepts	Verbatim outcome from literature	Additional verbatim outcome from interviews
	Recruitment (n=74)		Recruitment Recruitment Recruitment Recruitment Recruitment rates Recruitment rates Recruitment rate Recruitment rate Recruitment rate (over time) Rate at which participants were recruited Proportion of target population recruited Proportion of eligible individuals or centres recruited Accrual (%) Accrual Actual accrual Actually enrolled Enrolment to the trial Likelihood to enrol Enrolment in trial Enrolment Consent rate Consent rates Proportion of patients consenting Willingness to participate Willingness to participate Willingness to participate Willingness to participate Willingness to participate Willingness to participate Willingness to consent Willingness to join a clinical trial Willingness to enter trial Willingness to participate in clinical trials Participation Participation choice Rates of participation Rate of participation Rate of participation Accepting participation Intended to participate Motivation to participate Motivations to participate Motives for agreeing to participate Motivation Reasons and concerns about participation Reasons for (non-)enrolment Reasons (for giving or not giving consent) Reasons for accepting or declining treatment within a clinical trial reasons for accepting or refusing participation Reasons for participation Reasons for entering the trial Decisions Decision to participate Decision to participate Decision to participate decision whether or not to participate Decision to participate Clinical Trial Decision Decision to participate Proportion undecided Proportion of patients for whom the possibility of participation as discussed Proportion invited to participate in the trial Proportion [of eligible veterans] who agree to participate Agree or refuse to enter Interest in participation Acceptability of recruitment strategy Rates of uptake (or refusal) Randomisation (accept or refuse) Acceptance of allocation informed participation Trial offer Taking part Behaviour Choice	
What decisions people make and/or the quality of those decisions	Attrition (n=7)		Attrition Retention Dropped out Rate of withdrawal Adherence to study protocol Level of adherence to [parent] study protocol Adherence to chosen option	
	Therapeutic misconception (n=11)		Therapeutic misconception Therapeutic misconception Therapeutic misconception Therapeutic misconception	

	<p>Decision conflict (n=10)</p> <p>Decision regret n=9)</p> <p>Quality of decision (n=7)</p> <p>Deliberation (n=2)</p> <p>Values congruence n=15)</p> <p>Anxiety (n=19)</p>	<p>Therapeutic misconception</p> <p>Therapeutic misconception</p> <p>Therapeutic misconception</p> <p>Therapeutic misconception</p> <p>Comprehension of research procedures and therapeutic misconception</p> <p>Individual treatment</p> <p>Personal care vs. generalizable knowledge</p> <p>Decisional conflict</p> <p>Decisional conflict</p> <p>Decisional conflict</p> <p>Decisional conflict</p> <p>Decisional conflict</p> <p>Decisional conflict</p> <p>Decisional conflict</p> <p>Decisional conflict</p> <p>Decisional conflict</p> <p>Decisional conflict</p> <p>Decisional conflict</p> <p>Decisional regret</p> <p>Decisional regret</p> <p>Decisional regret</p> <p>Decisional regret</p> <p>Decisional regret</p> <p>Decisional regret</p> <p>Decision regret</p> <p>Regret</p> <p>Anticipated regret of negative outcomes</p> <p>Quality of consent process</p> <p>High quality decision making</p> <p>Decision making process measures</p> <p>Attributes of the decision making process</p> <p>Decision making</p> <p>Difficulties with decision making</p> <p>Valid [decision]</p> <p>Make a deliberate decision</p> <p>Deliberation (weighing up)</p> <p>Values</p> <p>Values associated with outcomes</p> <p>Values of the research participant</p> <p>Value congruence with chosen option</p> <p>Values-based decision</p> <p>Understand that values affect the decision</p> <p>Discuss values with ether practitioner</p> <p>Informed participation that is somehow assessed as being congruent with individuals values and other criteria such as health outcomes</p> <p>Be clear about the option features that matter most</p> <p>Patients' decision making being supported b evidence of knowledge and consistent values (or satisfaction with the decision)</p> <p>The way the patient used the information [i.e. consistent with values]</p> <p>Ability to identify features of options that matter most</p> <p>Participation in a given study is consistent with their interests (research impact)</p> <p>Research impact</p> <p>Convenience or inconvenience that participating in the study would mean for you</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Anxiety</p> <p>Patient state anxiety</p> <p>Consent anxiety</p> <p>depression</p> <p>emotional distress</p> <p>emotions</p>
	<p>Satisfaction (n=35)</p>	<p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Satisfaction</p> <p>Patient satisfaction</p> <p>Patient satisfaction and perception</p> <p>Satisfaction with decision making</p> <p>Satisfaction with decision making</p> <p>satisfaction with decision making process</p> <p>Satisfaction with the decision (to participate or not)</p> <p>Satisfaction and anxiety with decision making</p>

Experiences of decision-making in this context		Satisfaction with decision to participate or decline Decisional satisfaction Satisfaction with quality and quantity of information Satisfaction with ease and reading of consent statement Satisfaction with the information provided Satisfaction with the media used satisfaction with media used to convey the information Satisfaction with the discussion Satisfaction with the consent process Satisfaction with the consent consultation Satisfaction and anxiety with the consent process satisfaction with the study satisfaction with the information provide about the parent study Satisfaction and usefulness of intervention Satisfaction (with intervention) Satisfaction with doctor-patient interaction Satisfaction with communication with health professional Satisfaction with the doctors consultation styles and information on trial concepts	
	Confidence (n=5)	Confidence Confidence in patient's decision and whether an informed choice was made Confidence in the ability to participate Confidence in doctors Confidence in the messenger [recruiter]	
	Experience (n=5)	Experience Experience Experience of the clinical trial Experiences and feelings over being included Subjective experience of the process	
	Burden (n=3)		Burden of the consent process Burden of informed consent Emotional burden
	Time to decide (n=17)	Time Time Time factor Time spent reading the information Time taken to administer Time taken to administer the consent process Time to make the decision Length of time Length of time taken Length of time of the informed consent process Length of consultation Length of consultations Consultation length Consultation length Duration Weren't rushed Delay in decision making or request for more information/further consultations	
	Feeling valued (n=1) Respect for decision making (n=2)	Respect Rights were respected Less comfortable Coercion Feeling of coercion Threats Manipulation or deception	Making a valued contribution
	Comfortable (n=1) Coercion (n=4)		
	Helpful (n=1) Authenticity (n=1) Communication (n=7)	Communication of decision Communication with trial recruiters Patient-clinician communication Patient-practitioner communication Patient-recruiter communication The number of issues about trials discussed The overall complexity of the trial discussion	Whether the patient felt like it was helpful Authenticity of someone's consent
	Empowerment (n=2)		Empowers the person in making their decision Empowered choice
	Likelihood to engage with future research (n=1) Protection of rights (n=8)	Consider participating in future trials Protection of human rights Rights of participants How well they felt their human rights were protected Patient decision making rights Right to decide Beneficence Non-maleficence Justice	
	Autonomy (n=11)	Autonomy Autonomy Autonomy Autonomy Autonomy Autonomy of the participant Personal autonomy Competency Competency Decision-making capacity	

can stop at any time
informed who to call
allowed to discuss with others
treated as an adult
informed rights as a person
informed could talk to anyone
confidentiality
Aim
scientific background
background
purpose of the study
purpose of trial
trial objective
concept of clinical trial (in general)
specific purpose
research study goals
research value of treatment
concepts related to the research design and conduct of the parent study (for example the concept of randomisation and how data will be collected)
purpose
eligibility requirements
design
study design
randomisation
randomisation
random assignment
meaning of random assignment
concept of randomisation
Proposed treatment
treatment procedures
treatment objective
effectiveness of intervention
knowledge of trial medication
familiarity with the procedures and medication
mechanism of action of study drug
concepts related to the condition of intervention involve in the parent study (for example, potential benefits or harms of the intervention)
available alternative treatments
alternative treatments
alternative treatments
know the options and their features
placebo
treatment risk
risks/side effects
side effects
side effects
side effects
side effects
benefits and risks
knowledge of probabilities of outcomes
perceived personal benefits
perceived negative aspects
duration of the study
Study endpoints
clinic visits schedule
extra tests
procedures
risk of outcome measure assessment
formalities
finance
informed how expenses handled
Altruism
Disclosure
Disclosure
Information disclosure
Full information disclosure
Preference for information
Preferences for information
Information preference
Preferred verbal (Word) or numerical descriptors or both [for potential benefits and risks]
Adequacy
Adequacy of information
Adequacy of information
Adequacy of the information to enable:
Usefulness of trial information
How useful was the information
Importance of information
Information transmitted
Sufficiency of information
Amount of information
Amount of information
Length of information
Level of detail
Subjective evaluation of the given information
Desire for further information
How much of the information they read
Type of information
Information you were given about the trial by the surgeon in clinic

Disclosure

Understanding
Understanding
Understanding
Understanding
Understanding
Understanding
Understanding
understanding
Understanding
Understanding
Understanding
Understanding
Understand/Understanding
Understand
Understand
Understand
Understand
Understand
Understanding (or knowledge)
Understanding/knowledge
Knowledge and understanding
Participants Understanding
Perception f understanding
Perceived Understanding
perceived (subjective) understanding
Perceived/subjective understanding
Subjective understanding
Subjective understanding
Subjective understanding
Objective understandings
Objective understandings
Overall understanding
Overall understanding
Actual (objective) understanding
Actual understanding
Actual and perceived understanding
Understanding of clinical trials
Understanding of (hypothetical) trial
Understanding of clinical trial
Understanding of trial concepts
Understanding of the trial
Understanding of key concepts in clinical trials
Understanding of trial design
Understanding of the aim
Understanding (trial purpose)
Patient Perception of Being Informed (PPBI)- assess understanding of:
Sign a form
Meaning
the intersubjective understanding which exists between the sender and the receiver
the understanding of the graphic symbols
the cognitive understanding of the subject matter
the understanding of the message itself
Participants awareness of enrolment in a clinical trial
policies
future studies
Diagnosis
Prognosis
injury
The main reason AIDS clinical trials are done is so to improve the treatment of future HIV-positive or AIDS patients
Because I am participating in a clinical trial, it is possible that the study sponsors, government agencies, or others who are directly involved in my care could review my medical tissue analysis
human rights protections (i.e. confidentiality)
meaning of trial terms
When I signed the consent form for my current cancer therapy, I knew that I was agreeing to participate in a clinical trial.
All the treatments and procedures in my clinical trial are standard for my type of cancer.
In my clinical trial, one of the researchers' major purposes is to compare the effects (good and bad) of two or more different ways of treating patients with my type of cancer, in
In my clinical trial, one of the researchers' major purposes is to find the highest dose of a new drug or treatment that can be given without causing severe side effects.
In my clinical trial, one of the researchers' major purposes is to find out what effects (good and bad) a new treatment has on me and my cancer.
The treatment being researched in my clinical trial has been proven to be the best treatment for my type of cancer.
In my clinical trial, each group of patients receives a higher dose of the treatment than the group before, until some patients have serious side effects.
There may not be direct medical benefit to me from my participation in this clinical trial.
Because I am participating in a clinical trial, it is possible that the study sponsor, various government agencies, or others who are not directly involved in my care could review
What the researchers are trying to find out in the clinical trial
Which of these treatments and procedures are experimental
Overall, how well did you understand your clinical trial when you signed the consent form?
What is a clinical trial as opposed to standard care?
what are the types of clinical trials (phase I, II, III)
why do we do so many tests on clinical trials, like scans, and questionnaires and so forth?
why is it necessary to do clinical trials? Why cant we just use things that should work?
how are patients protected in clinical trials?
how, basically, do statistics work?
who do we do blood testing and tissue testing?

How people make decisions

what is pharmacokinetics?
who makes money if I join a clinical trials?
uncertainty regarding treatment outcomes
given the name of the illness
explained everything required
explained time required
Understood terms
information confusing
informed may be helped
the study involves research
participate in research (research contribution)
effectiveness/efficacy
participating in research
that investigators, unlike clinicians, will be relying on the participants efforts to gather information that might help others
asking the patient directly if the information had been understood
relation ship they will have with the investigator (research relationship)
the process and meaning of consent
consent forms
the process and meaning of consent
consent form
process and meaning of consent
The consent form I signed tells me what will happen when I participate in my clinical trial
When I signed the consent form for my currency HIV/AIDS treatment, I knew I that was agreeing to participate in a clinical trial.
Consent information
The consent form
why do patients have to sign a consent form?
Purpose of study
the nature of the trial
trial procedures
the nature of the trial
Purpose of the study
trial procedures
study procedures
research goal
Nature and purpose of the trial
purpose and procedures
study purpose
in my clinical trial, one of the researchers' major purposes is to compare the effects (good and bad) of two or more different ways of treating patients with HIV/AIDS, in order to
understanding of the aims of the study
purpose
make sense of trial
the diagnostic procedures and tests at baseline
purpose
study purpose
procedures
procedures
The treatments and procedures you will undergo
specific study procedures
trial procedures
trial procedures
trial procedures
trial procedures
ideal method of treatment
Treatment involves research
experimental aspects
The treatment being researched in my clinical trial has been proven to be the best treatment
individualisation
research value of treatment
The fact that your treatment involves research
randomisation
what randomisation means
randomisation
random selection of the treatment arm
randomisation
randomisation
randomisation
randomisation
randomisation
randomisation
randomisation
concept of randomisation
Treatment randomisation
randomisation
why do we use randomisation?
After I agreed to participate in my clinical trial, my treatment was chosen randomly (by chance) from two or more possibilities.
Treatment allocation i.e. receive drug or placebo
allocation to treatment
After I agreed to participate in my clinical trial, my treatments chosen randomly (by chance) from two or more possibilities
treatment allocation
Placebos
the use of two different treatments
treatment assignment
blinding
In my clinical trial, both my provider and I know which treatment I am receiving
Placebo controlled

in my clinical trial, I have a chance of getting a placebo in combination with treatment. A placebo is a pill that does not contain any medicine or drug

placebo

why do we use placebo

Voluntariness

voluntary participation

of voluntary choice to participate

voluntariness

voluntariness

the fact that participation in the clinical trial is voluntary

participation is voluntary

voluntariness

voluntary nature of participation

Voluntarism

If I had not wanted to participate in the clinical trial, I could have declined to sign the consent form

voluntariness

participation is voluntary

did not feel forced to enrol

If I had not wanted to participate in this clinical trial, I could have declined to sign the consent form.

The fact that participation in the clinical trial is voluntary

Right to withdraw

right to withdraw

right to withdraw

withdrawal

awareness of the possibility of withdrawing from participation at any time

I will have to remain in the clinical trial even if I decide someday that I want to withdraw

withdrawal

conditions of withdrawal of consent

I will have to remain in the clinical trial even if I decide someday that I want to withdraw.

Side effects

I was given a list of possible side effects relating to the drugs studied in my clinical trial

major associated risks

side-effects

possible risks

risks

risks and benefits

risks and benefits

benefits and risks

risks and benefits

risks and benefits

risks and benefits

risks and benefits

risks and benefits

risk through participation

benefit for future patients

dis/advantages of participating

Possible risks and discomforts of participating in the trial

any direct benefits to you of participating in the clinical trial

whether your participation in this clinical trial may benefit future patients

the clarity of the explanation of risks and benefits of study participation

risks of participation

benefits of participation

Compared with standard treatment, my clinical trial does not carry any additional risks or discomforts

If the treatment to which I have been assigned in my clinical trial gives me side effects, the provider can change it to another treatment

risk

risk

benefit

benefit

benefit

consequences

risks of the study drugs on contraception and exclusion of pregnant women

risks

potential benefits

Risks and benefits

relevant risks explained

informed possible will suffer

benefits were listed

risks

potential benefits

likelihood of certain events occurring

Compared with standard treatments for my type of cancer, my clinical trial does not carry any additional risks or discomforts.

The possible risks and discomforts of participating in the clinical trial

The possible benefits to you of participating in the clinical trial

Study duration

Amount of time you will be in the clinical trial

I have been informed how long my participation in this clinical trial will last

I have been informed how long my participation in this clinical trial is likely to last.

How long you will be in the clinical trial

equipose

equipose

care outside the trial

Confidentiality of personal info

privacy and confidentiality

that your data from the clinical trial is kept confidential

measures used to protect confidentiality

confidentiality

confidentiality

study-background (why is the study being conducted, by whom, which are the involved centres, why are you being asked to participate, how will be the study conducted)
Elements of treatment and diagnosis
trial purpose and nature
Purpose of research
study purpose
purpose of the study
receive best possible treatment
what is a clinical trial?
is the treatment given as a trial?
what is the purpose of the trial?
eligibility i.e. pregnancy
contraindications i.e. pill
Purpose of consent form
Elements of informed consent
study procedures
study procedure
treatment protocol
rights (to withdraw from the study, refuse to participate, to compensation in case of injury, confidentiality)
Elements of patient rights
voluntariness
Autonomy/decision making
choice
were you explained that you will still receive treatment if you decline the trial?
were you explained that your participation is voluntary?
right of refusal
right of withdrawal
withdrawal
withdrawing from the study
Freedom to withdraw
were you explained you can withdraw?
confidentiality
Confidentiality
confidentiality
Privacy
compensation
financial
design (how many groups, what determines which patient will go to which group, who will know which treatment you are getting, how the drugs are to be taken, follow-up visits)
randomisation
randomisation
randomisation and placebo trial design
Randomisation (accept or refuse)
how is the treatment assigned?
why is the assign method used?
blinding
meaning of double-blind
placebo
Interventions
Action of drug A
Action of drug B
side effects
side effects
side effects/risks
risks
risks
risks/side effects
risks and benefits
benefits and risks
benefits
benefit to others
personal benefit
Repeated study procedures
Duration of trial
miscellaneous (approval for the conduct of the study, sponsors, centres involved in the study, whom to contact in case of queries/emergency, treatment subsequent to study period)
reasons to be taken off study
what re alternatives to treatment?

Perceptions
**Italics denotes*
Items depicting
perceptions about

Perceptions of clinical trials
 Perceived risk of clinical trial participation
 Perceptions of the consent process
 Participants perceptions of the process of seeking informed consent
 Perceptions regarding their understanding of the study
 Perceptions of the [intervention]
 Perceived side effects
 Perception of risk
 Accurate risk perceptions
 Accurate risk perceptions
 Percieve/perception

		<ul style="list-style-type: none"> value of the intervention physicians language structure of consultation complexity of conversation saturation dialogue atmosphere trial related uncertainty 	
	Beliefs	<ul style="list-style-type: none"> Belief about risk of participating in research Clinical trial beliefs Positive beliefs Emotions and thoughts Hopes Trust Trust Trust Trust Trust Trust Trust Personal doctor-patient relationship Personal relations Relation to physician Research relationship Relationships with trial recruiters Inter-relational communication Presence of friends or family members Interactions Attitudes Attitudes to trials Attitudes towards the trial Attitudes towards RCTs Attitudes about participation Attitudes towards participating Attitude toward participating in the trial [positive or negative] Attitudes about clinical trial entry Attitudes to trial barriers Attitude towards informed consent process Attitudes towards consent procedure form preferred discouraged research participation participation in fictive RCTs enrolment of children in clinical research role of physicians clinical research in general Expectations Expectations Expectations of the trial Expectations for the trial Expectations towards the trial Expectations regarding personal adherence What I expected to occur Previous research involvement Decision needs to be made Recognition that a decision needs to be made Expression of choice Make an informed choice Meaningful choice Attributes of the choice Evaluation of informed choice 	
	Trust (n=7)		
	Relational affects (n=8)		
	Attitude (n=17) <i>denotes items depicting attitudes about</i>	<i>*italics</i>	
	Expectations (n=8)		
	Choice awareness (n=7)		
	Choice to engage with research team (n=1)		Choice about whether they're going to engage with the research team
Personal characteristics that influence the decision	Health literacy (n=1)	Health literacy	
	Reading recognition (n=2)	Reading recognition	
	Agency (n=1)	Easy to read	Agency
Assessment level - *Subsequently excluded outcomes	Clinician outcomes (n=6)	<ul style="list-style-type: none"> Clinician outcomes clinician researcher satisfaction with the informed consent process ease of use of intervention to improve gaining of informed consent clinical researcher ease of use of informed consent process research unit staff and environment research investigators team Healthcare system outcomes System outcomes Legal protection for doctors and hospitals complaints and litigation litigation rates economic/resource use cost-effectiveness cost-effectiveness costs cost of intervention 	
	Healthcare system outcomes (n=10)		