









ALISON PEARCE, LINDA SHARP, PAMELA GALLAGHER,

AILEEN TIMMONS, VERITY WATSON

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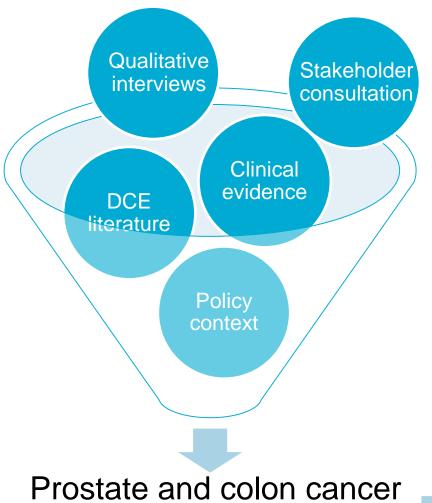
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CANCER FOLLOW-UP

- After finishing cancer treatment patients have ongoing follow-up
- Follow-up services are moving to GP or nurse led care, which is effective & efficient
- Previous DCE's suggest that patients strongly

prefer the status quo

DCE DEVELOPMENT



Prostate and colon cancer survivor preferences for follow-up services





ATTRIBUTES & LEVELS

Attribute	Level 1	Level 2	Level 3	Level 4
Provider & location	Local GP practice	Specialist nurse by phone	Specialist nurse in the hospital	Specialist clinician in the hospital
Continuity	Same person each time	Different person		
Emotional support	Not asked	Asked	-	-
Practical issues	Not asked	Asked	-	-
Healthy living info	Not asked	Asked	-	-
Cost	€20	€50	€100	€150

OMEP with shifted design – 4 or 8 choice sets per respondent

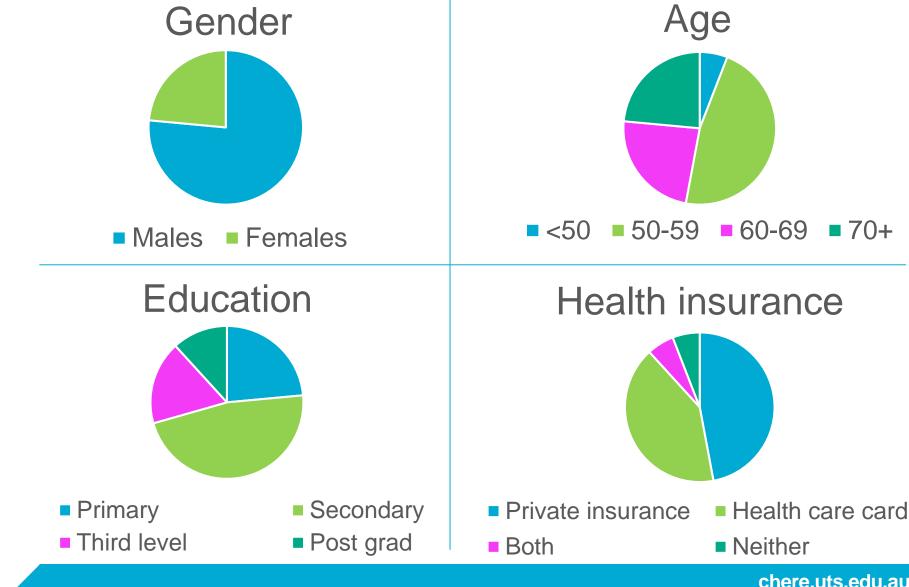
PRE-TESTING

- Testing survey instrument for:
 - Wording, formatting
 - General task comprehension
 - Usefulness of debriefing questions
 - comprehension, engagement and attribute non-attendance
 - Cheap talk script & opt out not discussed today

Face to face "think aloud" interviews with 17 prostate and colorectal cancer survivors

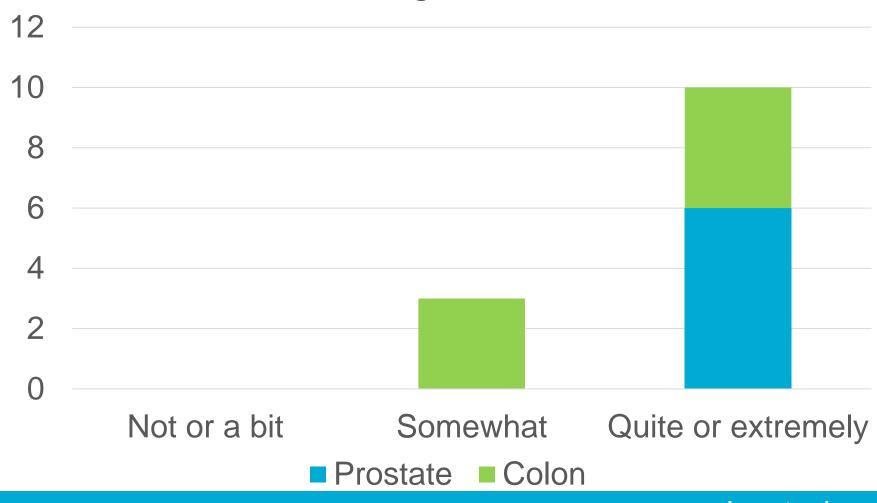


PARTICIPANT DEMOGRAPHICS



HEALTH LITERACY





RESULTS

- Cognitively challenging
- Responses inconsistent with utility maximizing assumptions
- Many would not return the survey
- Coded transcripts using an iterative process to assess decision making within and across participants (framework approach)

Group A: Dominated choices Group B: Reported facts

Group C: Task unclear

GROUP A: DOMINATED CHOICES

- Compared the packages and made trade offs
- Strong status quo bias, with choices dominated by provider
- Often recoded 'unrealistic' attributes / levels (hypothetical bias)
- Confusion: choice sets look the same if only comparing one or two attributes...

 Well the packages are ok,

but... mmm... they seem to be the same questions in the whole lot. [CI14]

GROUP B: REPORTED FACTS

- Appeared to misunderstand the choice task
- Thought we were asking them to report the facts of their follow-up
- Appeared strongly influenced by the biomedical model – difficult to imagine they might have a choice of treatment

...Well after three years now I won't have any follow-up so that will be the option I'll be taking... Mmm the others won't apply to me... [CI01]

GROUP C: TASK UNCLEAR

- Task was unclear
- Skipped choice sets, selected multiple options in each choice set, or wrote long-form answers next to choice sets

...If you want my honest reaction... I find, and maybe I'm not that bright, but I would find that mind boggling. Because, I'm trying to, I'm trying to... I'm sure that could be simplified a lot... [CI01]

COST ATTRIBUTE

- Almost everyone ignored the cost attribute to some extent
 - "You can't put a price on health"
 - "I won't have to pay"
 - "You'd never have to pay that"
 - "It's not a lot of money"

Social norm not to admit inability to pay?

IMPLICATIONS FOR ANALYSIS

- Group A: Status quo would appear to be their preference
- Group B: Fact based choices would look like hypothetical choices, with preference for status quo
- Group C: 'incorrect' completion would usually lead to removal
- All groups: cost would appear insignificant

CAN WE IDENTIFY THESE GROUPS?

 Debriefing questions couldn't discriminated between groups

Example debriefing questions	Aspect of decision making	
Did you find making a choice between the different options confusing?	Understanding & preferences completeness	
Did you find that the more questions you answered the easier it was to make a choice?	Using simplifying heuristics; Learning	
Do you believe your choices will have an impact on [topic] in the future?	Consequentiality and task engagement	
Did you consider all of the different factors that varied between the options?	Attribute non-attendance; Monotonicity of preference	

DISCUSSION

- Cancer survivors appear to find it difficult to think hypothetically about their care
 - Issues of agency
 - Status quo bias resulting from labelling effect, hypothetical bias, endowment effect (Salkeld, 2000)
- Previous DCEs of cancer follow-up may have been effected by these same issues
- There is a need to develop and test debriefing questions that address the assumptions of decision making

CONCLUSIONS

 Cognitive interviews are a useful and appropriate way to explore decision making within the DCE context

 Pre-testing DCE survey instruments prior to implementation is essential

QUESTIONS

