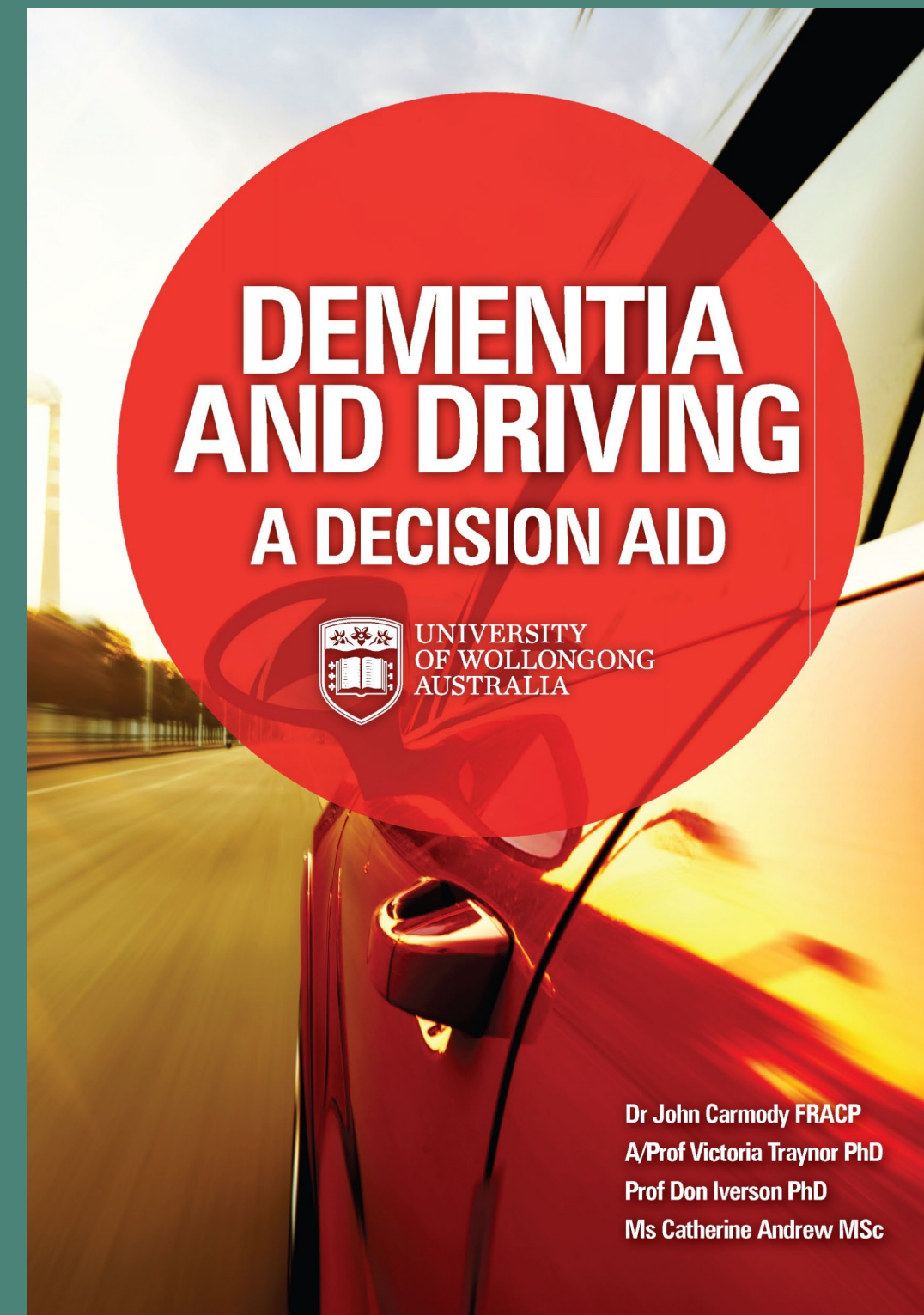


Impact of a decision aid on drivers living with dementia

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The problem

Decisions about the timing of driving retirement driving can be complex and emotive for drivers living with dementia. Early planning is recommended to preserve quality of life and minimise negative consequences.



A solution

A person centred decision aid was developed for drivers living with dementia to guide and support them with decisions about driving

Aim

Testing the effects of a dementia and driving decision aid with drivers living with dementia

Study design

A parallel group quasi-experimental study conducted in Australia and New Zealand.

Outcome measures

Primary outcome measure

- Decisional conflict

Secondary outcome measures

- Dementia knowledge
- Decision
- Satisfaction with decision
- Booklet use
- Booklet acceptability

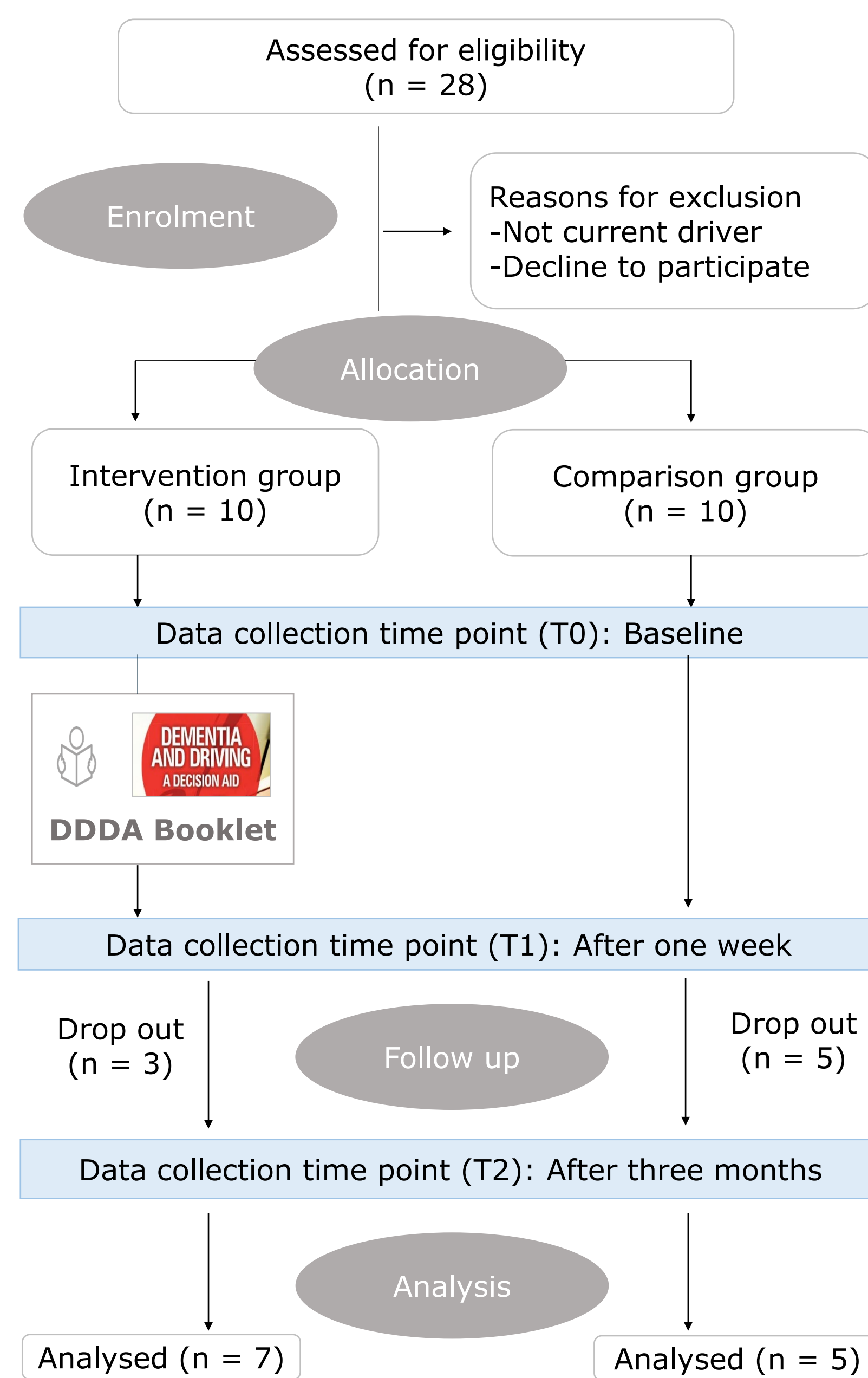


Figure 1. Flow diagram detailing participant allocation and intervention exposure

Findings

All participants would recommend the decision aid to others

Intervention group participants found the decision aid...

- Was balanced and just the right length
- Contained enough information
- Helped them make a decision about driving
- Included 'good' or 'excellent' information about driving

The intervention group compared to the comparison group showed...

- Improvements in knowledge and satisfaction with decision at one week and three weeks.
- Significant decreases in decisional conflict scores for the intervention group between baseline and one week

Method and analysis

- Telephone interviews with twenty drivers living with dementia were conducted over three time periods: baseline, one week, and three months.
- The intervention group received a hard copy of the decision aid to review.
- Participant details
 - Male (80%, n=16)
 - Mean age 72 years (range 49 to 85)
 - Australia resident (85%, n=17)
 - Drives a car 2-6 days/ week (53%, n=11)
- Linear mixed models were used to determine response changes in knowledge, decisional conflict and satisfaction scores over time.

Conclusion

The DDDA significantly reduces decisional conflict, increases knowledge and satisfaction with decisions about driving. The long-term effects of using the decision aid warrants further investigation.