

Examining Users’ Experiences of Engaging with the Driving and Dementia Roadmap

Naglie, G., Stasiulis, E., Pileci, C., and Rapoport, M. J.

BACKGROUND

- The Driving and Dementia Roadmap (DDR) is an online resource designed to support people with dementia (PWD), family/friend carers (FCs), and healthcare providers (HCPs) navigate the complex decision-making and driving cessation process
- Since launching in 2022, the DDR has been accessed by over 46,000 users world-wide
- The present objective was to examine the DDR’s impact on PWD’s and FCs’ knowledge and confidence as well as their experiences of using the resource

METHODS

- A mixed-methods design was employed involving online surveys to assess gains in new knowledge and confidence, as well as satisfaction with the DDR’s format and content
- Virtual semi-structured interviews explored participants’ experiences and perceived impact of using the DDR
- Survey data were analyzed with descriptive statistics and interview data were analyzed using qualitative content analysis

RESULTS

- 66 DDR users completed surveys and 9 participated in interviews
- Survey findings indicated the DDR led to gains in new knowledge and increased confidence among PWD and FCs:
 - “recognizing unsafe driving” (PWD: 15.8%; FCs: 50.0%) and “learning about licensing and reporting” (PWD: 15.8%; FCs: 56.8%) were the highest rated topics for new knowledge gained
 - “making the decision to stop driving” (PWD: 52.6%; FCs: 63.6%) and “recognizing unsafe driving” (PWD: 47.3%) and “initiating conversations about driving” (FCs: 63.7%) were the highest rated topics for increased confidence
- Satisfaction with the DDR’s content and format ranged from 50.0% to 77.8% for PWD and 81.5% to 90.9% for FCs

The Driving and Dementia Roadmap is an effective resource to support decision-making and driving cessation in dementia

We both found this roadmap... very, very well done, and very useful, and I think it'd be a good resource to go to. (FC of spouse with dementia who is still driving)



Gary Naglie: gnaglie@baycrest.org

RESULTS (Cont’d)

- Interview findings indicated that the DDR was considered to be trustworthy and comprehensive
 - PWD suggested reducing content volume, incorporating more visuals, and emphasizing personal agency and moral responsibility in driving cessation
 - FCs suggested minor revisions and viewed the DDR as valuable for approaching and facilitating driving cessation

EXEMPLAR QUOTES

I trusted the sources. (PWD Still Driving)

It’s really nice that all of these resources are in one spot. (FC of PWD Not Driving)

Any time, my sense of responsibility was appealed to, I was particularly engaged. If you make the decision to stop driving, that's different from being told you should stop driving. (PWD Still Driving)

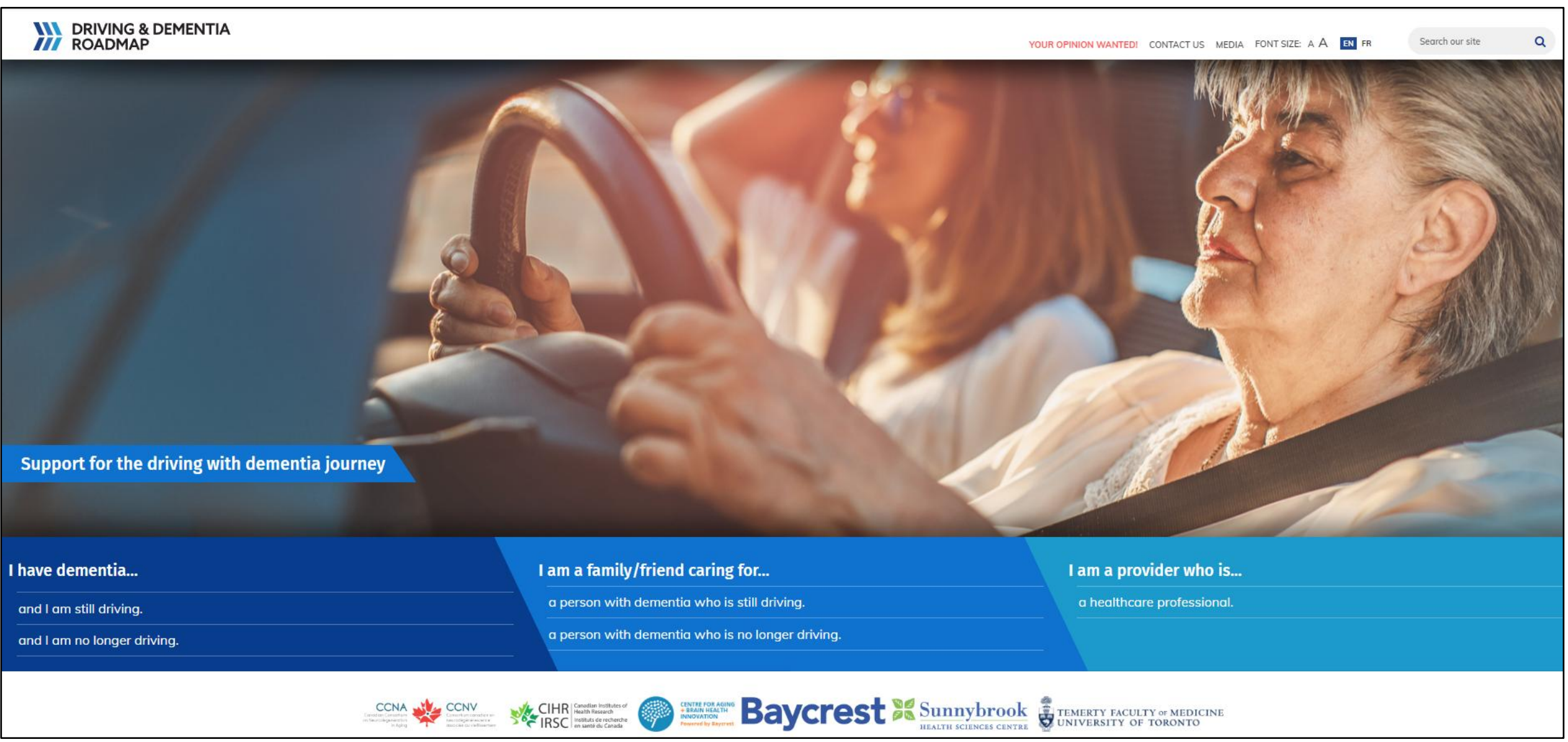
Trying to initiate the conversation about what we would do if she lost her license... the site helped me realize that that was very important. (FC of PWD Still Driving)

Table 1. Participant Demographics

	Group	N	Women	Men	Unknown	PWD Still Driving	PWD Not Driving	Unknown Status
Survey	PWD	20	5 (25%)	14 (70%)	1 (5%)	16 (80%)	3 (15%)	1 (5%)
Survey	FCs	46	32 (69%)	13 (28%)	1 (2%)	22 (48%)	21 (46%)	3 (6%)
Interview	PWD	4	1 (25%)	3 (75%)	0	3 (75%)	1 (25%)	0
Interview	FCs	5	5 (100%)	0	0	2 (25%)	3 (75%)	0

CONCLUSIONS

- The DDR is viewed as an effective, trustworthy and comprehensive resource to support the complex process of decision-making and driving cessation in dementia
- Ongoing feedback-driven refinement may further enhance its usability and impact



www.drivinganddementia.ca

www.conduiteautomobileettroublesneurocognitifs.ca

