

#### 4B – Housing, Health and Social Support for the Elderly

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# 2020 Living to 100 Symposium

**DOUGLAS ANDREWS & LORI CURTIS** 

Session 4B- Housing, Health and Social Support of the Elderly

14 January 2020





Health and Social Care Analysis Regarding the State of Canadian Women Living in the Alone Stage of Retirement





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# What is the Alone Stage of Retirement?

- Period near the latter part of life when the individual has no "full-time partner" and has ceased to work full time
- Both men and women may experience this stage but the vast majority who experience it are women
- The number of women in the ASR will increase significantly as boomers' age
- Our research is concerned with the financial (session 5B) and health and social challenges faced by Canadian women living in the ASR



### **Outline of Paper**

- List the health and social challenges that may be encountered
- Consider 3 promising developments: Integrated Services; Social Prescribing; Robotics
- Identify areas for future research
- Conclude



#### Health, Social and Other Challenges

- Aging in place & other housing requirements
- Go-go, Slow-go, No-go & other physical challenges
- Mild cognitive impairment & other mental health concerns
- Grief, loneliness & emotional issues
- Special considerations in Canada: Indigenous people, those living in remote areas, how to access available resources

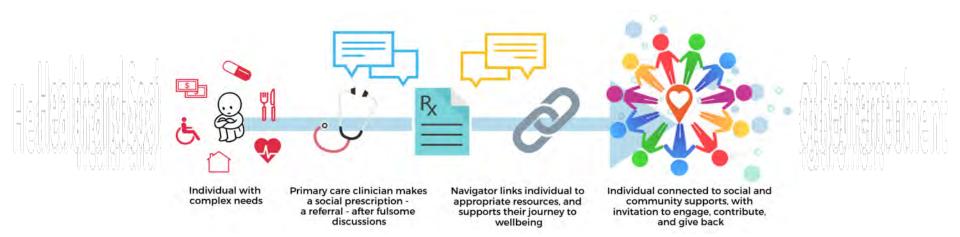


### **Integrated Services**

- Poorly integrated in Canada
- Some facilities can provide required care through all stages but uncommon and expensive
- Need to examine international experiences, e.g., "stichtings" in the Netherlands



### Social Prescribing Model from Alliance for Healthier Communities





#### SP's Potential Benefits for Those in the ASR

- Getting links to available programs
- Receiving support for mental, emotional and social well-being issues
- Raising satisfaction with life through changes in circumstances, enhanced confidence, greater connection
- Enhancing well-being through activity & interaction



#### **SP's Potential Benefits for HC System**

- Reducing burden on HC professionals by referrals for non-clinical services
- Increasing well-being of participants may reduce costs associated with self-harm, attempted suicide, & depression
- Balancing the burden between HC professionals & other carers may create efficiency & reduce stress



### **Is Social Prescribing Effective?**

- Anecdotal reports are positive especially regarding participant response in short term
- Sufficient evidence does not exist to prove it is ineffective
- Difficult to implement an innovative approach within a fragmented system with siloes



# Categories Where Robotics May Help Those in the ASR

- Communication and memory aides Paro, Pepper
- Mobility SmartCane, SmartWalker
- Strength Muscle Suit & other exoskeletons, Hug
- Safety CARE-RATE, iPal
- Service My Spoon, Chapit
- Healing and health development Hebium Plasticity, VR exergame

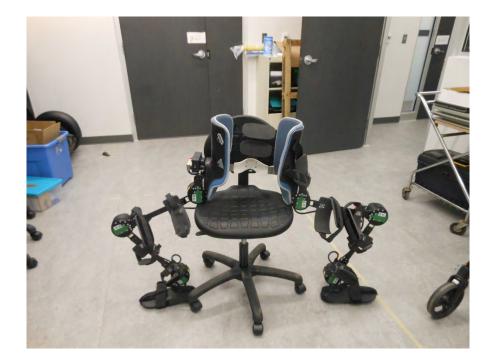


## Paro, the Interactive Seal, & Tina Krliu





## **Exoskeleton**





## **Dr James Tung, Exoskeleton & Its Box**





## **Dr James Tung in Motion**





#### **Assessment of Robotics**

- For individuals in their own setting a long way off except for the wealthiest participants
- Within institutional settings will see gradual adoption and likely dropping costs
- Challenge activities of daily living are complex which makes a single robot difficult to design
- Ethical considerations need to accompany design



### Conclusions

- HC system needs to be able to deal with physical, mental & emotional issues seamlessly in a caring way throughout the life cycle
- Current system is fragmented but holistic approaches are being developed
- Governments are slow to act & providing adequate care will require more funding
- Robotics can be part of the solution
- As can Social Prescribing, if proven effective



### Addressing the Needs of An Aging Population Requires Us to Rethink Social & Cultural Norms

- What are our goals for the elderly? What resources are to be expended? What balance between individual, family, private sector, government? What changes are required?
- Can family play a bigger role?
- Since 2015 Canada has MAID but its final form is not yet complete
- Independence/Dignity/Quality of Life/Cost we need to talk







# Housing, Health and Social Support of the Elderly -- Discussion PRESENTER: ANNA M. RAPPAPORT

Living to 100, January 2020



# Two papers

- Does Living in a Retirement Village Extend Life Expectancy
  - By Les Mayhew, Ben Rickayzen, and David Smith
- Health and Social Care Analysis Regarding the State of Canadian Women Living in the Alone State of Retirement
  - By Douglas Andrews and Lori Curtis



# Common elements and differences

- Both deal with quality of life issues
- Both include discussion of care integrated with housing in forms of Continuing Care Retirement Communities(CCRC) issues
- Mayhew paper focuses on improvement in life span and discusses quality of life situation is in UK and individuals are lower income
- Andrews paper focuses on several strategies to improve quality of life location is Canada (with examples outside of Canada) and individuals do not have partners, but may have adult children
- Both look at retirement communities broadly
- Both focus primarily on women, include later years in their consideration



# More comments on the papers

- Very pleased to see papers on these topics
- Mayhew paper includes mortality analysis and innovations to link specific population to the overall population
  - Seems very innovative
  - I am commenting on conclusions as stated
  - Did not dissect the technical issues of the analysis
- Andrews paper has identified strategies to improve quality of life
  - Communities that integrate housing and care
  - "Social prescribing"
  - Robotics
  - I agree that these ideas have promise, which is not quantified
  - I believe that there are more strategies to be considered
  - Big issue not considered is the role of the family and particularly adult children



## Quality of life and examples of SOA research

- Quality of life issues mentioned in some prior Living to 100s For example, age friendly communities in 2017.. But this was not major topic
- Sightlines research conducted by Stanford Center on Longevity and supported by SOA – major finding – social engagement is an important contributor to quality of life at high ages
- SOA has conducted series of research studies about ages 85 and over
- Caregiving was important topic in 2017 Risks and Process of Retirement Survey
- 2019 Risks and Process of Retirement Survey includes a section on Emotional Realities of Retirement
- 2018 Call for Essays on Family and Retirement Security

Bottom line: Increasing Focus on Quality of Life



# Comments on CCRCs

- Continuing Care Retirement Communities offer multiple levels of support
- Such communities can differ in specific services, levels of support, eligibility, financing, likelihood that people will stay long-term, how well they work for residents
- Mayhew discusses UK community structured for lower income individuals
- Mayhew demonstrates that the community studied seemed to increase life spans for lower income women
  - Seems reasonable to me --- they get good food, exercise, many opportunities for social engagement, care when it is needed
  - And life is less complex than where they were previously
  - But unclear how much effect the health requirements at entry had
  - I am not commenting on the methodology for the mortality study



#### More comments on CCRCs

- Andrews points out that Canadian communities require substantial financial resources, same is true in U.S.; recommends subsidies if they are to help most people
- Andrews offer several examples of communities that offer integrated services; one has payments based on need
- Integrated services can be offered in CCRC or brought to the community for aging in place
- Integrated services are very desirable, but will be difficult to achieve in the community in the U.S. environment
- Andrews discusses the challenge of paying for integrated services and the need for public/community support for some people
- Andrews does not discuss regulation but it is a substantial issue



### More comments on CCRCs

*My paper: "*Improving Retirement by Integrating Family, Friends, Housing and Support: Lessons Learned from Personal Experience", published in *Managing the Impact of Long-Term Care Needs and Expense on Retirement Security Monograph*, Society of Actuaries, 2015

- People in CCRCs often like them a lot great solution unless things go badly
- Require substantial up-front payment and monthly payments may not be refundable if individual leaves or at death; individuals believe that they have a guarantee of care
- Risks may not be understood potential of financial trouble if
  - Not enough new entrants
  - Unattractive refinancing of debt
  - Too much utilization of long-term care
- Other challenges: Residents may be unable to make ongoing payments
- Other challenges: Quality of care may not be what was hoped for
- Contracts reserve rights to the CCRC that are not understood



# Comments on aging in place

- Most people prefer to age in place
- U.S. policy is moving to support aging in place
- Two papers focused on communities that integrate care, but did not discuss aging in place
- Which is better it depends
- For a person with good connections and engagement in the community, aging in place often preferred choice
- But for someone having difficult managing or with challenges, the community may be a much better choice
- Depending on the location, the community might offer a blend of both



# Comments on technology

- Andrews paper discusses robots and possible potential for expanded role
- Other technologies can help improve quality of life
  - Skype, Facetime improve family communications
  - Facebook, social media help many people stay connected
  - Sensors potentially will play a role identifying if people fall, if refrigerator has not been opened
  - Medical care smaller diagnostic equipment, remote monitoring, three D printing and many more
  - Transportation driverless cars
  - Smart homes
  - Robo advice opens the potential for financial advice to many more people
  - Many options, but they will require money and know how area to watch

Reference: White House report: Emerging Technologies to Support an Aging Population: https://www.whitehouse.gov/wp-content/uploads/2019/03/Emerging-Tech-to-Support-Aging-2019.pdf



# Comments on "social prescribing"

- Andrews paper describes "social prescribing"
- Seems to me to shift health care professional to more of a preventative and holistic focus on the person including social engagement in U.S. environment, difference between primary care provider and mental health professionals
- Big questions Is health care provider focused on maintaining health vs. curing disease?
  - What is the scope of the social worker and mental health professional? When are they used?
- In the U.S. holistic focuses on health have included a focus on building health, meditation and stress relief, exercise, yoga, etc. --- but probably not social engagement
- In the U.S. people who work with people with depression may well focus on social engagement and activities
- In the U.S. social workers who help people with challenges might focus on broader issues it hard to say.



# Comments on "social prescribing"

- My view "social prescribing" is a part of life coaching and it is a good idea, but it is unlikely that the U.S. health care system will take this on, except for those who qualify for some sort of mental health treatment
  - Medicare reimbursements are very low and discourage primary care providers from spending time with patients
  - Generally, specialists have been paid more than primary care providers; heavy use of specialists discourages this approach
  - Much of the health care system is primarily focused on disease
  - I am skeptical about mental health providers
  - Need new models for getting this done

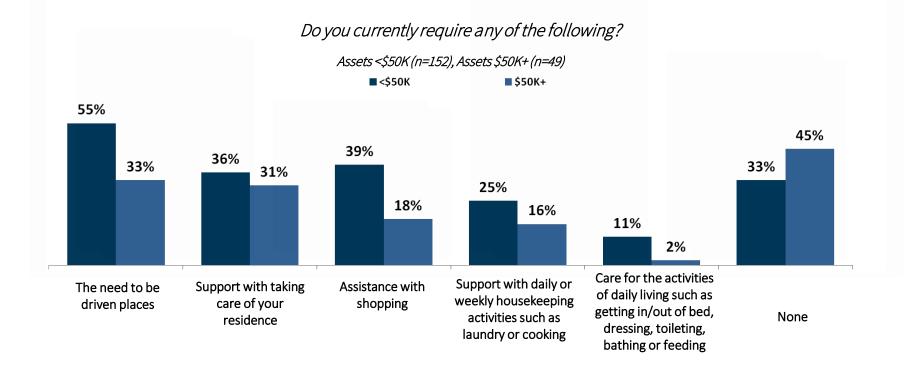


# Comments on people alone and family

- Andrews paper is focused on people who are alone
- Does not distinguish between those with adult children and siblings vs. those without family at all
- I would argue that situation is very different depending on family availability
- SOA research indicates that family is major source of help, but often help is not planned for
- Slide that follows show family help from the SOA 85+ research



#### Most older people need help with some "regular activities".





# Comments re Future Research

Discussion suggests areas for future research

- Help for people alone in old age
- Blended family issues
- Evaluating and financing various housing+care models
- Role of public support
- Technology



# Appendix





Aging and Retirement

# Late in Life Research Reference Material (from the Society of Actuaries)

#### Preliminary Study

Management of Post-Retirement Finances for the Age 85 and Over Population: Some Advice and Lessons from Personal Experience, by Anna M. Rappaport and Sally Hass, SOA Pension Section News, February 2017

#### Focus Groups and In-Depth Interview Reports

Post-Retirement Experiences of Individuals 85+ Years Old, Society of Actuaries, 2017

Post-Retirement Experiences of Individual Retired for 15 Years or More, Society of Actuaries, 2016

The Decision to Retire and Post-Retirement Financial Strategies: A Report on Eight Focus Groups, Society of Actuaries, 2013

#### <u>Surveys</u>

Post-Retirement Experiences of Individuals 85+ Years Old: Report on 2017 surveys of individuals 85+ and adult children of 85+, Society of Actuaries, 2018

#### Other Reports

A Conversation on Dementia and Cognitive Decline by Anna M. Rappaport, 2018

Retirement Experiences of People Age 85 and Over by Anna M. Rappaport. 2019

Note: This material can be downloaded from the Society of Actuaries Website



# Late in Life Research Reference Material (related papers and essays from the Society of Actuaries)

#### Financial Wellness Essay Collection, Society of Actuaries, 2017

- Essays supporting content: Rappaport, Anna M., Don't Forget the Role of Families in Lifetime Financial Security
- Rappaport, Anna and Sally Hass, Practical Issues in Financial and Life Management for the Late-in-Life Population

#### Managing the Impact of Long-Term Care Needs and Expense on Retirement Security Monograph, Society of Actuaries, 2015

- Papers supporting content: Rappaport, Anna M., Improving Retirement by Integrating Family, Friends, Housing and Support: Lessons Learned from Personal Experience
- Timmerman, Sandra, The 65 Plus Age Wave and the Caregiving Conundrum: The Often Forgotten Piece of the Long-Term Care Puzzle

#### 2017 Living to 100 Monograph, Society of Actuaries, 2017

• Paper supporting content: Rappaport, Anna M., Financial Shocks, Unexpected Expenses of and Financial Experiences of Older Americans

#### Retirement Section News Articles (formerly Pension Section News)

- Rappaport, Anna M., *Thinking about Spending in Retirement: Findings from SOA and EBRI Research*, Society of Actuaries Pension Section News, September, 2016
- Rappaport, Anna M. and Monica Dragut, *Financial Decision Making and Aging: Observations About the 2016 Pension Research Council Conference,* SOA Pension Section News, September 2016



# Late in Life Research Reference Material (related papers and essays from other sources)

- Banerjee, Sudipto, Asset Decumulation or Asset Preservation? What Guides Retirement Spending?, Employee Benefit Research Institute Issue Brief 447, 2018
- Banerjee, Sudipto, *Cumulative Out-of-Pocket Health Care Expenses After the Age of 70,* Employee Benefit Research Institute Issue Brief 446, 2018
- Banerjee, Sudipto, Utilization Patterns and Out-of-Pocket Expenses for Different Health Care Services Among American Retirees, Employee Benefit Research Institute Issue Brief 411, 2015
- EBRI Notes, September 2014, How Does Household Expenditure Change with Age for Older Americans?
- McInerney, Melissa, Matthew S. Rutledge, and Sara Ellen King, How Much Does Out-of-Pocket Medical Spending Eat Away at Retirement Income?, Center for Retirement Research, CRR WP 2017-13, 2017
- Mitchell, Olivia S, P. Brett Hammond, and Stephen P. Utkus, *Financial Decision Making and Retirement Security in an Aging World*, Oxford University Press, 2017 (see Chapters 9 and 10 on financial fraud and exploitation, and chapters 2, 3 and 4 for research on cognitive issues).
- Stepler, Renee, Smaller Share of Women Age 65 and Over are Living Alone, Pew Foundation, 2016
- The Sightlines Project, Stanford Center on Longevity, http://longevity.stanford.edu/the-sightlines-project/



