

COVID-19 in people with ID in Dutch long term care facilities

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Impact of COVID-19 on people with ID

- People with ID: Higher risk of developing (severe) COVID-19
 - Poorer health with higher prevalence of pre-existing conditions
 - In close contact with others
- People with ID: greater impact of COVID-19 measures
 - Limited adaptation skills
 - Difficulty understanding measures
- NOT always possible to
 - identify people with ID in data surveillance
 - include people with ID in national surveys

1. Medical impact: Development of COVID-19 registry

- Construction of nationwide secured multicenter database
- Call to long term care facilities in ID:
register suspected or confirmed COVID-19 cases
 - Demographics
 - Medical history
 - COVID-19 related variables
- Over time testing availability increased
 - Only detailed registration for clients with confirmed COVID-19

Start March 24,
2020



End June 1, 2021



REGISTRATION

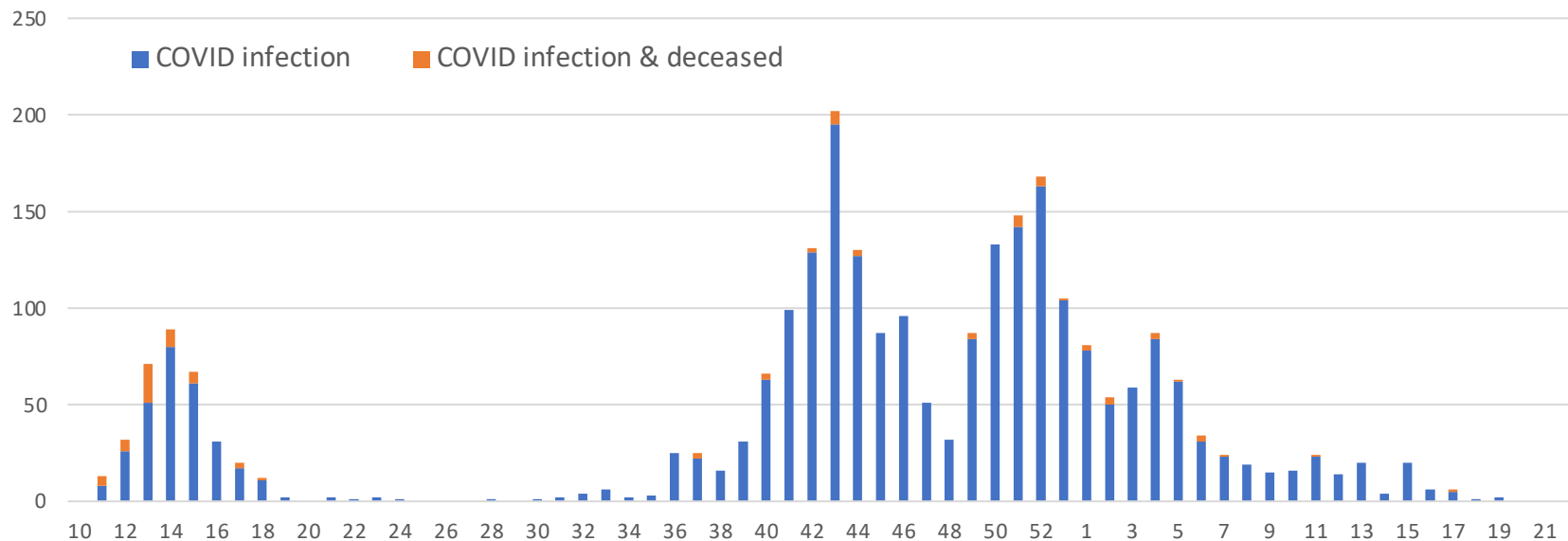
- 36 care facilities kept actively participating
- Total number of clients registered
9261



TESTING

- 95% of registered patients were tested
- 28% received positive PCR test result
- 2599 patients with confirmed COVID-19 infection

Registered COVID-19 infections / week



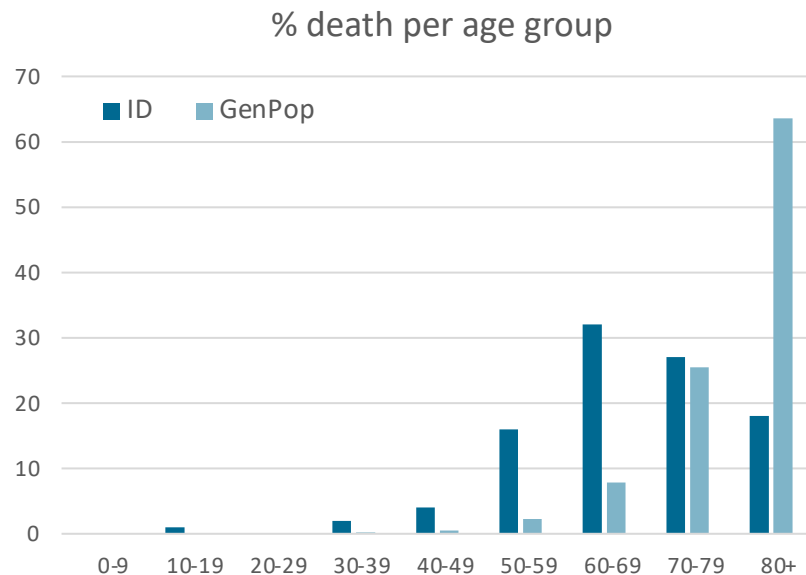


Characteristics of people with ID and COVID-19

- Sex: 58% male
- Average age: 49 yrs
 - 55% is aged between 40-69 yrs old
- Living situation
 - 86% group home
 - 13% independently, own apartment
- Level of ID
 - 26% borderline to mild
 - 36% moderate
 - 38% severe to profound

Deaths with confirmed COVID-19

- Over total registration
 - **100** clients deceased
 - Case fatality rate 4%
 - General population 1%
- Effect of age groups



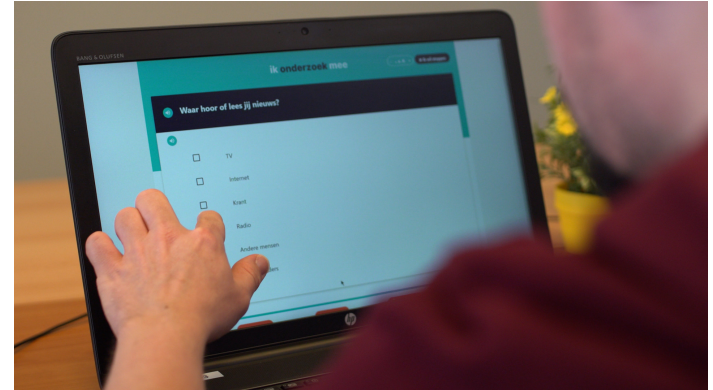


Conclusion COVID-registration

- Large cohort of COVID-19 in ID
- Needed to visualize different impact of COVID-19 in this group
- Descriptive findings show vulnerability of people with ID to COVID-19: increased mortality from relatively young age onwards
- Does this medical impact imply strict preventative measures in LTC?

2. Impact on mental health and wellbeing: web-based survey for MID during COVID-19 pandemic

- Questionnaire based on national survey
- Rewritten, shortened and tested with target group
- Via inclusive platform Crowdience
- Focus groups to discuss results
- 3 different rounds of questionnaires
 - sept '20 n=205
 - april '21 n=216
 - sept '21 n=187

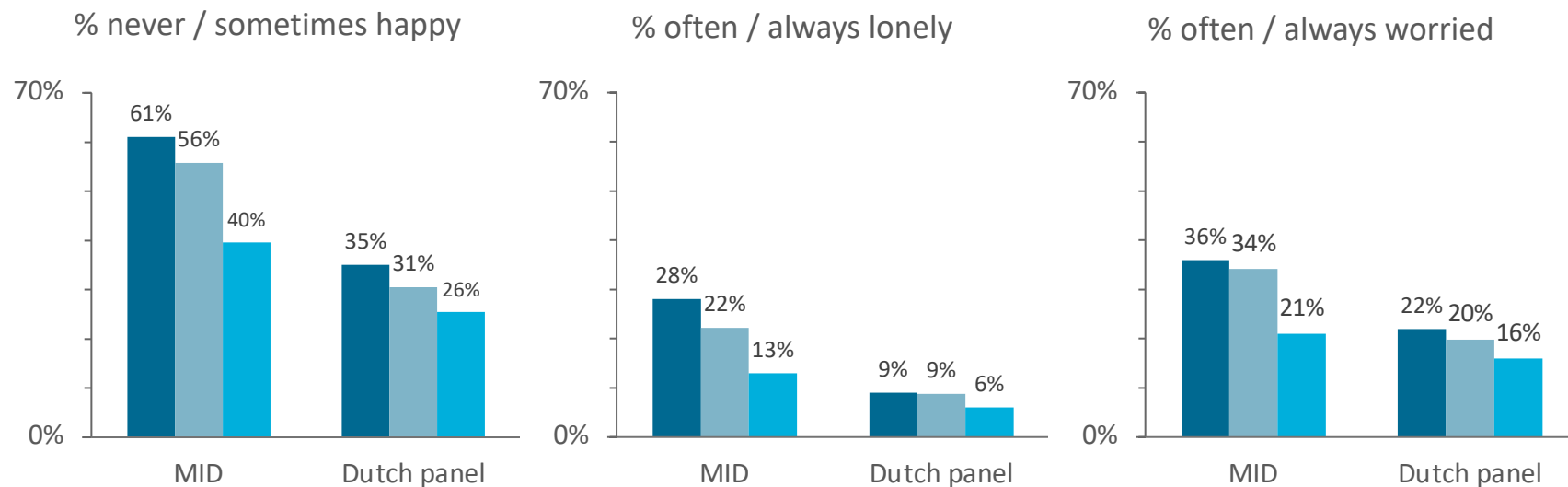


Mental health outcomes - 1

■ Round 1

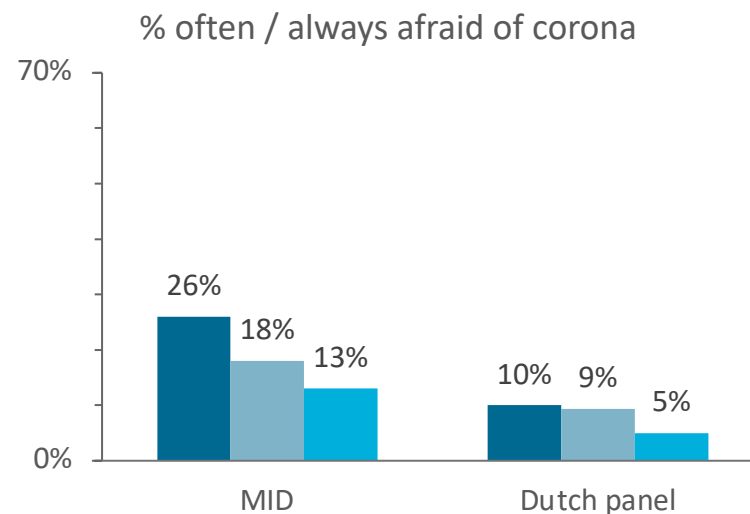
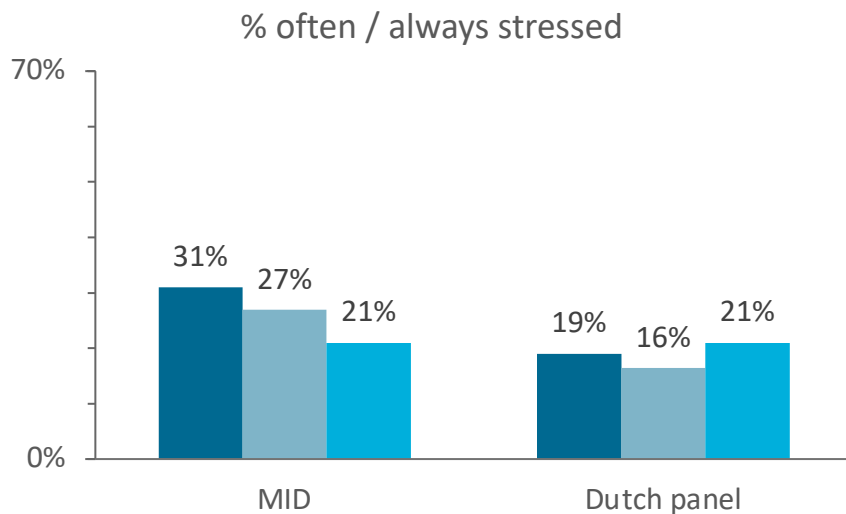
■ Round 2

■ Round 3



Mental health outcomes - 2

- Round 1
- Round 2
- Round 3





Conclusion web-based survey

- Our approach was suitable to include people with MID in survey
- People with MID report greater impact of COVID-pandemic
 - Daily structure and social contacts are important
 - Clear and unambiguous information is important
- Tailor measures, information and activities to the need of this group

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's Heeren Loo

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Koraal wonen
leren
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HealthIDea

Online platform to **share, learn, and connect** about the organization of health and medical care for people with intellectual and developmental disabilities worldwide.

Website: <http://www.healthidea.nl>

Request access code:
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