

The oral health of older adults living in nursing homes in Northern Ireland: an epidemiological study Holland N, Cullen L, Watson S, McEvoy C, McKenna G



# Introduction

Nursing homes are residential facilities which provide care for dependent older adults. The most recent data from the Department of Health show that 248 nursing homes are currently registered in Northern Ireland providing care for 6643 residents <sup>1</sup>.

Dependent older adults are a vulnerable sub-section of the population who rely on carers, particularly for self-care, including maintenance of oral hygiene<sup>2,3,4,5</sup>. Unfortunately upon entering the nursing care system access to dental services can become difficult as many General Dental Practitioners are reluctant to provide domiciliary care and the treatment required has become increasing complex<sup>6,7</sup>.

In order to deliver dental public health interventions for older adults, and for dental services to provide responsive and equitable care, it is important to understand the oral health status of dependent older adults living in nursing homes. To date very little dedicated epidemiological data has been collected on this patient group.

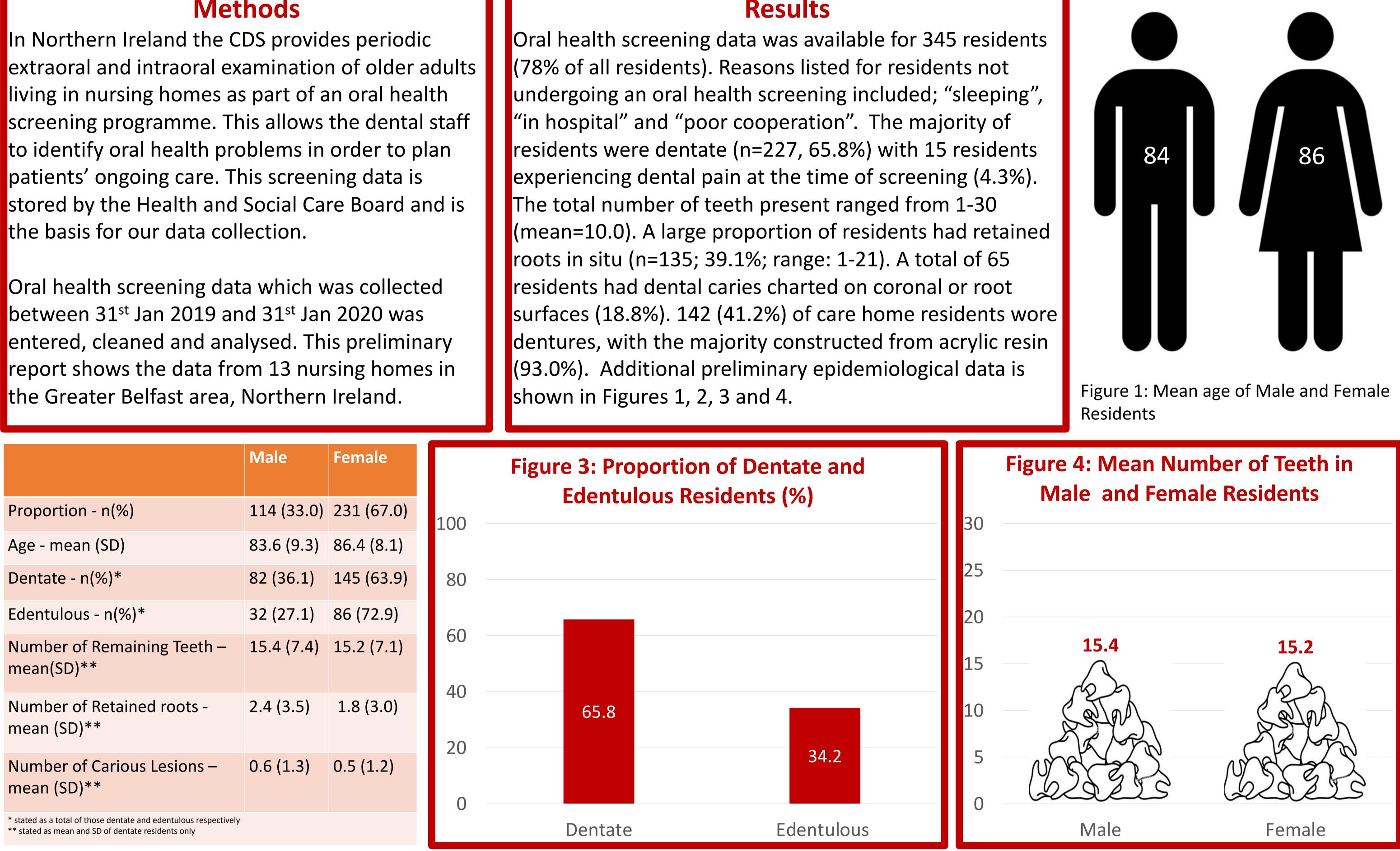
#### Aim

To utilise oral health screening data, collected by the Community Dental Service (CDS) in Northern Ireland, to establish an epidemiological picture of the oral health of care home residents.

# Methods

### Results

"in hospital" and "poor cooperation". The majority of experiencing dental pain at the time of screening (4.3%). The total number of teeth present ranged from 1-30 residents had dental caries charted on coronal or root (93.0%). Additional preliminary epidemiological data is shown in Figures 1, 2, 3 and 4.



# Conclusions

Although these are preliminary results, it should be noted that almost two thirds of care home residents in this sample were dentate (65.9%). A large proportion of residents had active caries (18.8%) and large numbers of retained roots (39.0%). These results should be interpreted with caution as

## **Action and Recommendations**

This project will continue to collect data from all Health and Social Care Trusts in Northern Ireland to provide epidemiological data on the oral health status of care home residents. When complete, this data will inform oral health policy for this patient cohort.

# References

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