

Supplementary File 1. Geriatric Oral Health Vulnerability Score (GOHVS)

Questions and scoring criteria

1. How often do you brush your teeth?

- Less than twice daily (1point)
- Twice daily or more (0 points)

2. Do you regularly use any interdental cleaning aids (e.g. dental floss, interdental brushes, water flossers)?

- No (1point)
- Yes (0 points)

3. How often do you usually visit a dentist?

- Less than once per year (1point)
- At least once per year (0 points)

4. Do you currently smoke tobacco?

- Yes (1point)
- No (0 points)

5. Have you been diagnosed by a physician with two or more chronic systemic diseases?

- Yes (1point)
- No (0 points)

Score calculation

The GOHVS is calculated as the sum of all item scores (range: 0 - 5). Higher scores indicate greater oral health vulnerability and a higher likelihood of functional tooth loss, defined as having fewer than 20 remaining natural teeth.

Intended use

The GOHVS is intended for use as a screening tool in geriatric dental care and research settings. It does not replace comprehensive clinical examination or diagnostic assessment. External validation in independent populations is required before wider clinical implementation.