

# RE-FRAMING HOW FRAILTY IS IDENTIFIED, DIAGNOSED AND MANAGED AMONG PEOPLE LIVING WITH HIV: EXPLORATORY PERSPECTIVES FROM CLINICAL PRACTICE

Barber TJ<sup>1\*</sup>, Levett T<sup>2</sup>, Brown DA<sup>3</sup>, Pristerà P<sup>4</sup>, Galbraith N<sup>5</sup>, Patterson B<sup>6</sup>, Williams J<sup>7</sup>, Boffito M<sup>8</sup>

<sup>1</sup>Ian Charleson Day Centre, Royal Free London NHS Foundation Trust, London UK/ Institute for Global Health, University College London, London UK; <sup>2</sup>University Hospitals Sussex NHS Foundation Trust, Elderly Medicine, Sussex, UK; <sup>3</sup>Chelsea and Westminster Hospital NHS Foundation Trust, Therapies Department, UK; <sup>4</sup>Cuttsy + Cuttsy, Cambridge, UK; <sup>5</sup>Gilead Sciences, HIV Standards Support Team, London, UK; <sup>6</sup>Gilead Sciences, HIV, London, UK; <sup>7</sup>Liverpool University Hospitals NHS Foundation Trust, Community Specialist HIV nursing service, Liverpool, UK; <sup>8</sup>Chelsea and Westminster NHS Foundation Trust, HIV Medicine, London, UK. \*Presenting author



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## Background

Definitions and guidance traditionally position frailty as an 'age-related' or 'geriatric' construct associated heavily with functional or mobility impairment. People living with HIV can present with frailty at an earlier age and via less typical routes than the general public.<sup>1-3</sup> Prevalence of disability in this population is also high.<sup>4</sup>

Despite more than 50% of people living with HIV in the UK estimated to be aged ≥50 by 2028,<sup>5</sup> there is still no consensus on how UK healthcare practitioners should identify, diagnose and manage frailty in this population. Frailty tools exist but are either not sufficiently validated or labelled as 'inappropriate' in the context of HIV.<sup>2,6</sup>

We explored the perspectives and experiences of senior practitioners to understand what works in practice and what else needs to happen to improve models of care across the field.

## Materials and methods

Semi-structured interviews were conducted virtually with six healthcare professionals with expertise across different disciplines of HIV care.

Interviews were audio-recorded, transcribed and thematically analysed to:

1. explore current practice
2. identify key barriers
3. curate suggestions to make identification, assessment and management of frailty easier in practice.

## Results

The interviews highlighted three core barriers to identifying, diagnosing and managing frailty in HIV:

1. lack of awareness and understanding within the field
2. lack of optimised tools and processes for frailty/pre-frailty in HIV
3. lack of care coordination, integration and resource.

Approaches varied across centres but increasing and improving identification of those living with HIV and at risk of frailty was seen as the greatest priority by all. Suggested actions were compiled and a new 'FRAIL in HIV' acronym co-developed to support staff in looking beyond a 'FRAIL' scale to consider implications in the wider context of HIV.

## Introducing the 'F.R.A.I.L. in H.I.V.' framework

The 'F.R.A.I.L. in H.I.V.' framework has been created to provide a more holistic and memorable way of identifying those who may be at risk of frailty across HIV services. It is adapted from the EACS 2021 algorithm for frailty screening.<sup>7</sup>

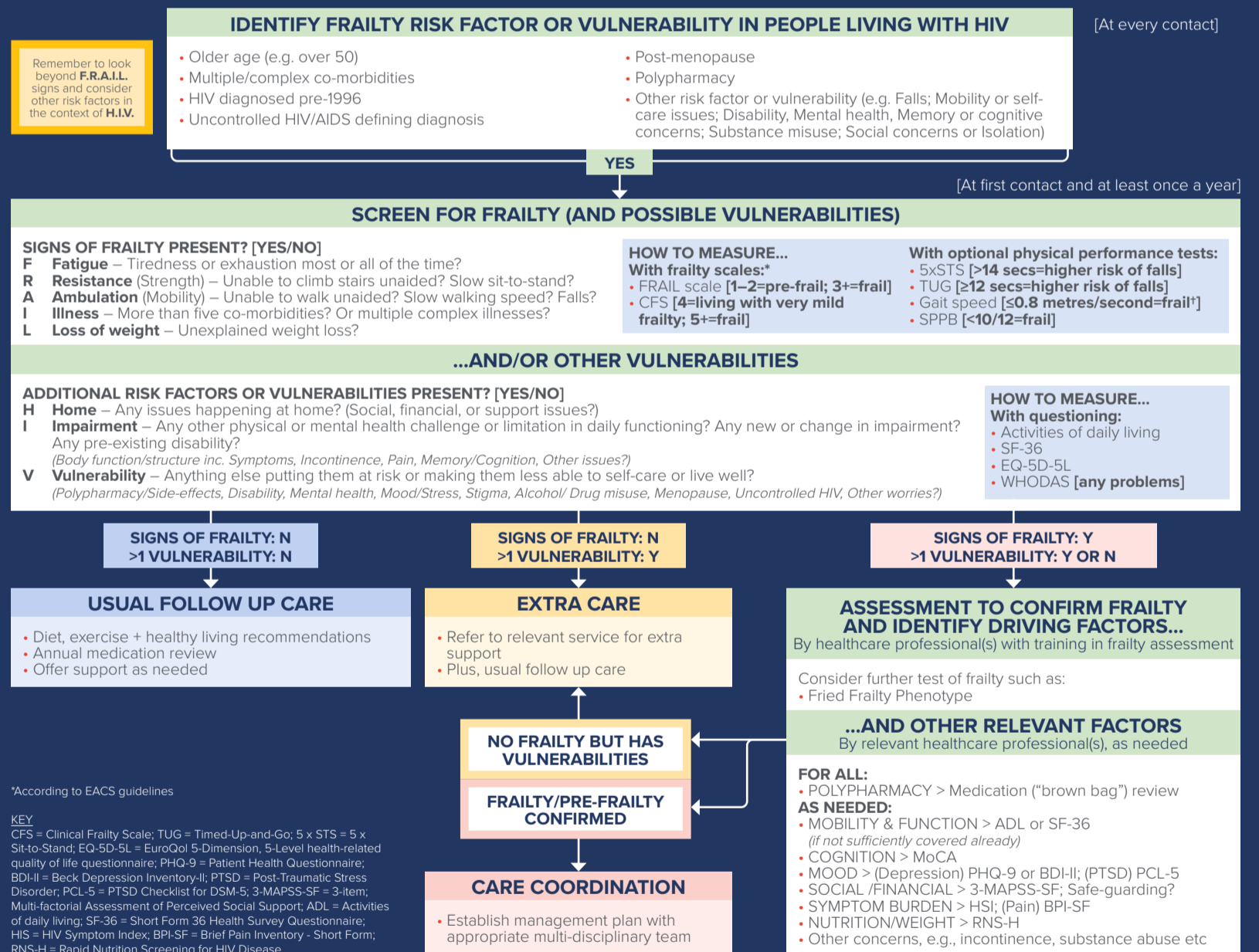
It encourages clinicians to look beyond physical signs of frailty, such as those outlined by the F.R.A.I.L. scale.

It also considers other risk factors in the context of HIV.

- F** Fatigue — Tiredness or exhaustion most or all of the time?
- R** Resistance i.e., Strength — Unable to climb stairs unaided? Slow sit-to-stand?
- A** Ambulation i.e., Mobility — Unable to walk unaided? Slow walking speed? Falls?
- I** Illness — More than five co-morbidities? Or multiple complex illnesses?
- L** Loss of weight — Unexplained weight loss?

- H** Home — Any issues happening at home? (*Social, Financial, Support issues?*)
- I** Impairment — Any other physical or mental health challenge or limitation in daily functioning? Any new or change in impairment? Any pre-existing disability? (*Body function/structure inc. Symptoms, Incontinence, Pain, Memory, Cognition, Other issues?*)
- V** Vulnerability — Anything else putting them at risk or making them less able to self-care or live well? (*Polypharmacy/Side-effects, Disability, Mental health, Mood/Stress, Stigma, Alcohol/Drug misuse, Menopause, Uncontrolled HIV, Other worries?*)

The 'F.R.A.I.L. in H.I.V.' framework can act as a simple educational tool to help all staff play a part and help reposition the concept of frailty risk. But it could also provide a useful framework for screening as outlined in our illustrative 'F.R.A.I.L. in H.I.V.' framework. This example builds off the 'FRAIL scale'; however, the H.I.V. component could be used to frame and support any subjective and/or objective screen for frailty that your service chooses to use.



## Not frail but still at risk?

Regardless of the outcome of the frailty screen, any issues or vulnerabilities identified by the 'H.I.V.' acronym or equivalent questioning should be noted and explored further, as soon as possible, by a relevant service. Providing additional care to limit or manage ongoing vulnerabilities will help optimise an individual's ability to age well and minimise the risk of frailty developing over time.

## Summary and conclusions

Addressing frailty in people living with HIV requires a more holistic approach than traditional models of care, and taking small actions now was seen as better than waiting for a unified approach. Our collated guidance hopes to reframe frailty in the context of HIV and address existing barriers to screening, diagnosis and management in clinical practice.

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