



**Weighing only 11kg  
7 year battery &  
2 year frame warranty**



eFOLDi 

# Compass

**Clinical Reasoning Resource**

eFOLDi.com

Wherever life takes you



# Introduction to the Compass



The **eFOLDi Compass** is a compact, four-wheel folding mobility scooter designed to provide stability, comfort, and independence for individuals with mild to moderate mobility challenges. Constructed from a magnesium-alloy frame, it offers a balance of portability and strength, folding easily for transport while maintaining full-size performance. Weighing only 11 kg without battery (13 kg with), it is one of the UK's lightest four-wheel folding scooters, enabling ease of lifting and handling even for users with limited upper-limb strength.

A key feature of the Compass is its Secure-Turn® technology, an integrated gyroscopic stability system that detects changes in angle and motion when cornering or travelling on uneven surfaces. This intelligent control automatically moderates balance to maintain stability and traction, helping to reduce the risk of tipping or loss of control. Clinically, this supports user confidence, fall prevention, and safety for individuals who experience mild balance or coordination difficulties.

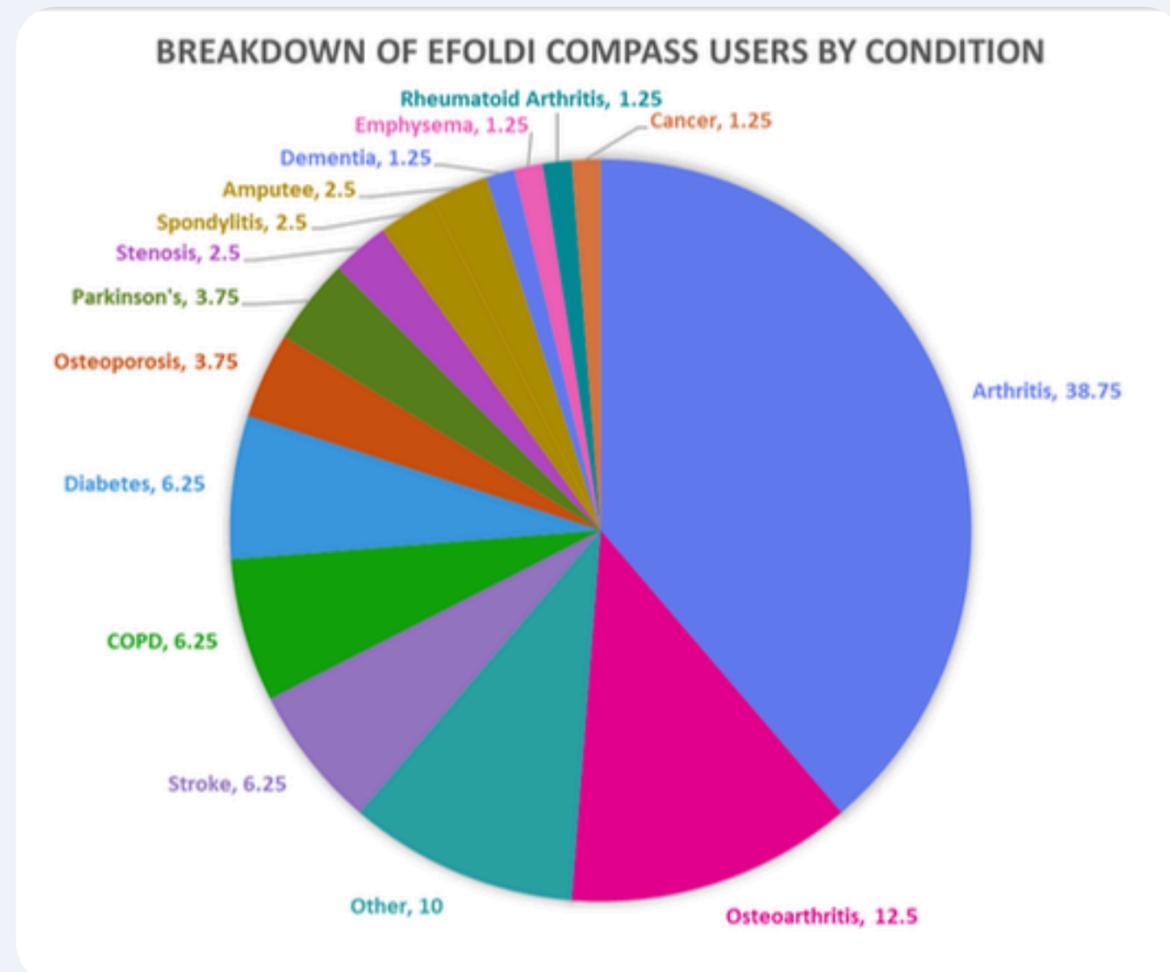
With a maximum user weight of 120 kg, range of up to 10 miles, and top speed of 4 mph, the Compass supports safe community access and independent travel across everyday environments.

This document outlines the clinical and financial justification for prescribing or recommending the eFOLDi Compass. It provides an overview of client suitability, key product features, comparative analysis, funding routes, and evidence-based reasoning aligned with occupational therapy standards and guidance.

# Clinical Indications

The **eFOLDi Compass** is a lightweight (11 kg without battery) yet stable four-wheel mobility scooter, ideal for individuals with mild to moderate mobility limitations. Its compact design supports safe, independent travel—even for users with limited lifting strength or those needing carer assistance.

The Compass provides particular benefit where independence is restricted by fatigue, pain, or reduced stamina, offering secure four-wheel stability while remaining light enough for easy transport and handling. With Secure-Turn® technology, ergonomic seating, and ultra-low weight, the Compass suits semi-ambulant users who need a portable scooter to maintain participation in daily life.



## Client Suitability

**Arthritis** – Lightweight frame reduces lifting strain and allows pain-free travel.

**COPD / Chronic Fatigue** – Enables pacing and reduces exertion during community activities.

**Parkinson's (Early Stage)** – Secure-Turn® stability promotes confidence on slopes and turns.

**Stroke (Mild Hemiparesis)** – Provides stable seating and supports balance during longer distances.

**General Frailty / Age-related Decline** – Maintains independence and reduces carer or transport dependence.

**Post-operative recovery** – Assists rehabilitation by supporting graded mobility and energy conservation during early recovery phases, enabling safe community access without over-exertion.

**Neurological Conditions (Mild MS, FND, MD)** – Supports clients experiencing fatigue, reduced coordination, or mild balance disturbance. The four-wheel Secure-Turn® system enhances postural stability and control, helping to pace activity and manage energy levels throughout the day while maintaining independence and confidence outdoors.

# Key Features of the eFOLDi Compass:

- Weight: 11 kg without battery; 13 kg with battery
- Maximum user weight: 120 kg
- Top speed: 4 mph
- Range: up to 10 miles
- Secure-Turn® technology (gyroscopic stability) for confidence on turns/uneven surfaces
- Bi-folding design; folds in seconds; airline-friendly lithium-ion battery
- Automatic electro-magnetic braking (slows/stops on throttle release)
- Simple, light-touch controls with one-touch start; keyless operation
- Ergonomic, breathable seating with pressure-relieving memory foam; flexible backrest
- Solid, multi-terrain tyres (no pumping required); spacious foot area
- Optional flip-up armrests to support transfers
- Charging port (on- or off-board); accessories incl. storage case and tiller cover
- Frame: magnesium alloy; turning radius ~135 cm; folded size ~92 x 43 x 40 cm; unfolded ~92 x 43 x 96 cm
- Clinical relevance: features collectively support fall prevention, energy conservation, and participation in daily activities.



# Product Comparisons

**Scooters (e.g., Compass):** four-wheel stability, intuitive tiller steering, ultra-low lifting weight and compact fold; suited to users retaining upper-limb control for steering/transfers and who prioritise transportability.

Powerchairs: advanced seating and joystick control for precise manoeuvring; suited to users with limited upper-limb strength or higher postural support needs. Equipment choice should be based on function, handling capacity, home/community environments, and transport routines.

## Compass vs Competing Products

This table highlights key differentiators such as total lifting weight, folding method, airline compatibility, and warranty support that impact clinical suitability, handling burden, and whole-life cost.

Product	USERS - REQUIREMENTS									FEATURES				COMPONENTS		
	Weight	Product Warranty	Battery Warranty	Front Wheels	Rear Wheels	Range	Folded Length	Flat Footplate	Completely Magnesium Alloy Frame	Auto-slows when turning	Maximum User Weight	Electro Magnetic Braking	Gyroscope	Solid Tyres	Armrests	Adjustable Steering Column
eFOLDi Compass	11.3 kg	2 years	7 years	7"	8"	10 miles	92 cm	Yes	Yes	✓	19st / 120kg	✓	✓	✓	Optional	✓
Monarch Genie Ultralight	12 kg	1 year	1 year	5"	5"	9 miles	94 cm	No	No	x	19st / 120kg	✓	x	✓	Optional	✓
Monarch Supa Carbon Lite	13kg	1 year	1 year	5"	5"	9 miles	94 cm	yes	no	x	19st / 120kg	✓	x	✓	x	✓
One Rehab Mirage	14.7kg	1 year	1 year	8"	8"	10 miles	100 cm	yes	no	x	19.5st / 123kg	✓	x	✓	✓	✓
Pride GoGo M02	14.7kg	1 year	1 year	8"	8"	6 miles	101.6 cm	No	Yes	x	19.5st / 123kg	✓	x	✓	x	✓
Scooterpac Atom Fold	14.2kg	1 year	1 year	7"	7"	9 miles	102.7 cm	No	No	x	19st / 120kg	✓	x	✓	✓	✓
Trekka air fold	14.2kg	1 year	1 year	7"	7"	9 miles	102.7 cm	No	No	x	19st / 120kg	✓	x	✓	✓	✓
Monarch Air	15kg	1 year	1 year	7"	7"	6 miles	96 cm	yes	Yes	x	20st / 127kg	✓	x	✓	x	✓
Monarch Genie Auto	17.5kg	1 year	1 year	5"	5"	9 miles	94 cm	yes	no	x	19st / 120kg	✓	x	✓	✓	✓



# Clinical Justification & Reasoning



From an Occupational Therapy perspective, the **eFOLDi Compass** enhances independence, safety, and effective fatigue management for users. It allows individuals to engage with their community with less exertion, maintain social routines, and reduce fall risks, thanks to its Secure-Turn® stability system, which aligns with NICE NG210 guidelines.

Notable features include a low lifting weight that eases manual handling for both users and caregivers, preventing secondary strain and encouraging more frequent outings. Its foldable design and airline-friendly battery make travel seamless, ensuring the continuity of daily roles and routines.

Evidence from clinical trials indicates that motorized scooters improve mobility and quality of life for adults with musculoskeletal conditions.

Public perception studies show that scooters are viewed more favorably than wheelchairs, potentially reducing stigma and promoting acceptance in public spaces. The non-clinical appearance of the device can boost user confidence and encourage mobility.

Features that enhance stability and speed control support safer community mobility and reduce fall-related anxiety. This emphasizes the importance of a person-centered approach in the selection and training process to maximize benefits and minimize risks.



# Enhancing Mobility and Preventing Deconditioning



For individuals who are semi-ambulant, the choice of mobility equipment should balance safety, functional support, and the promotion of ongoing activity. The **eFOLDi Compass** enables users to remain active by offering a stable and comfortable means of seated travel while still encouraging short walking episodes as appropriate. This helps prevent deconditioning by facilitating consistent participation in meaningful activities.

The Secure-Turn® technology provides automatic stability adjustment during turns or on uneven terrain, helping to reduce the risk of tipping and loss of balance. This supports fall-prevention principles outlined in NICE guideline NG210 (2021) and reinforces user confidence in community environments, particularly for individuals with mild balance or coordination impairments.

By pacing energy expenditure and reducing the physical effort required for longer journeys, the Compass also aligns with energy-conservation approaches recognised in occupational therapy practice (RCOT Professional Standards, 2021). Combining short periods of walking with Compass use for longer distances supports Care Act 2014 Section 2 (prevention duty) aims – enabling individuals to maintain or regain independence.



# Functional & Occupational Outcomes

The eFOLDi Compass supports users in multiple areas of occupational engagement:

- Reduced carer reliance for community access and errands
- Better adherence to medical appointments and therapy plans
- Ability to shop independently and manage personal tasks
- Supports employment, volunteering, and leisure participation
- Preserves identity and autonomy through dignified, self-directed mobility

The **eFOLDi Compass** promotes empowerment and choice by providing a mobility solution that enhances participation and freedom without environmental or social restriction. Its ultra-lightweight, compact design allows users to travel independently by car, public transport, or air, overcoming many of the barriers traditionally associated with powered mobility. This portability enables users to remain spontaneous – visiting friends, attending appointments, or exploring new environments without logistical or physical limitations.

For many people, choosing a mobility aid is not simply about addressing a functional need but about maintaining control, confidence, and identity. The Compass's Secure-Turn® technology offers both physical stability and emotional assurance, automatically adjusting balance on slopes or uneven surfaces. This sense of safety builds confidence, reduces anxiety about travel, and encourages greater engagement in social, leisure, and work activities – key contributors to wellbeing and emotional health.

Importantly, the Compass recognises that mobility is personal. It supports those who are semi-ambulant, those who experience fluctuating stamina, and those who prefer a lightweight, portable option for daily use. By enabling individuals to manage energy and access their environment on their own terms, it reinforces the idea that mobility is about empowerment and participation, not limitation. The result is a positive impact on mental health, social inclusion, and overall quality of life – ensuring users feel in control, connected, and confident wherever they choose to go.

# Application example

The following case study provides an example of a client who has benefitted from the provision of the **eFOLDi Compass**.

This case scenario is based on real-world use and is intended to support clinical reasoning, goal setting, and communication with funders.



## James Frank

James's case demonstrates how the eFOLDi Compass can effectively support individuals with COPD by reducing exertional breathlessness, improving safety and enabling participation in meaningful community activities. Its ultra-lightweight frame, stable four-wheel configuration and ability to manage varied terrain make it a clinically appropriate mobility solution that enhances independence, wellbeing and fall prevention.



# Client Profile



## Name: James Frank

**Diagnosis:** COPD, causing breathlessness, reduced walking tolerance and frequent rest breaks

**Mobility Equipment Use:** None, first experience using a mobility product

**Key Functional Needs:** To enjoy days out, explore towns, visit cafés and participate in community activities without breathlessness limiting him

**Reason for choosing Compass:** Wanted a stable, lightweight and compact scooter that he could lift and assemble independently without triggering symptoms.

## Overview

James experiences breathlessness during walking, particularly when navigating uneven or cobbled surfaces. Regular outings, such as cafés, coastal walks and exploring historic towns, became increasingly challenging because he needed to stop multiple times to recover his breath. This often left him fatigued upon arrival and reduced his overall enjoyment.

He enjoys travelling with his wife and recently visited Rye and Dungeness, where he used the eFOLDi Compass extensively during a weekend away.



# Clinical Justification for Prescribing the eFOLDi Compass

## Mobility Challenges:

- Needing to stop multiple times during short walks
- Difficulty maintaining pace
- Increased effort and discomfort on uneven or cobbled terrain
- Arriving at destinations too tired to enjoy activities fully
- Reduced spontaneity due to concern about breathlessness
- Needing to brace himself on nearby objects for support

## Intervention: eFOLDi Compass Folding Scooter

- James selected the eFOLDi Compass after seeing a newspaper advertisement. He chose the four-wheel model as he personally felt it would offer him greater stability, and he was impressed that the Compass is significantly lighter and more compact than many traditional four-wheel scooters, which he felt could be bulky for everyday use.
- A key factor in his choice was that the Compass is the lightest folding mobility scooter in the world, enabling him to lift, unfold and assemble it independently without causing breathlessness or flare-ups of his COPD symptoms. This independence was essential for him as a first-time mobility user.
- The scooter fits comfortably into his Dacia Duster, and the removable battery allows for straightforward indoor charging. After six weeks of ownership, including a full weekend away, James reported that he had not needed to recharge the battery once.

## Key Features James Identified as Beneficial:

- World's lightest folding mobility scooter, enabling lifting and assembly without breathlessness
- Stable four-wheel design providing confidence on varied terrain
- Effective handling of cobblestones, uneven pavements and mixed tourist surfaces
- Smooth acceleration with responsive control
- Good turning circle for a four-wheel scooter
- Compact, modern appearance that feels discreet rather than bulky
- Removable battery for easy indoor charging
- Fits easily in his car boot and remains ready for use
- Supports full days out without the need for frequent rest breaks



## James' Feedback:

*"It's been life changing.  
I can now enjoy life  
again"*



# Clinical Justification for Prescribing the eFOLDi Compass



## **Managing Breathlessness and Energy Conservation**

The Compass removes the exertional walking that previously triggered breathlessness and fatigue. By conserving respiratory energy, James now arrives at destinations comfortable and able to participate fully in the activity.

## **Fall Risk and Safety Considerations in COPD**

People living with COPD are at increased risk of falls due to breathlessness-related gait changes, muscle fatigue, reduced balance and the need to brace themselves when unsteady. James described holding onto nearby objects during walking, highlighting reduced stability during exertion.

## **Psychosocial and Emotional Wellbeing**

The Compass's lightweight, compact and discreet appearance made it easier for James to accept mobility support for the first time. Being able to lift and prepare the scooter independently without triggering symptoms boosted his confidence and sense of control.

## **The eFOLDi Compass supports safety by:**

- Removing the exertional element that caused instability
- Providing a stable four-wheel base across mixed terrain
- Allowing controlled navigation of cobbles and uneven surfaces
- Preventing breathlessness-induced postural loss
- Eliminating the need to brace against external supports

## **Client Verdict**

James described the eFOLDi Compass as “an ideal solution” and said it has been “life-changing.” He shared that he no longer needs to stop repeatedly to catch his breath and now arrives at destinations feeling ready to enjoy the experience. He said the Compass has allowed him to “enjoy life again.”

# Financial Justification & Funding Pathways

## Cost Efficiency vs Traditional Powerchairs

Product	Estimated Cost	Vehicle Required	Adaptations Needed
NHS Powerchair	£6,000 - £20,000	WAV or large estate	Door widening, boot hoists, ramps
eFOLDi Compass	£2,499 RRP	Standard car	None

## Funding Options...

**Access to Work:** Ideal for professionals needing support with travel and work mobility.

**Personal Wheelchair Budgets (PWB):** Can provide partial or full funding when a more appropriate product is selected over standard NHS stock.

**Disabled Facilities Grant (DFG):** Potential to fund the product as part of an access-enabling package within the home, reducing the need for invasive adaptations.



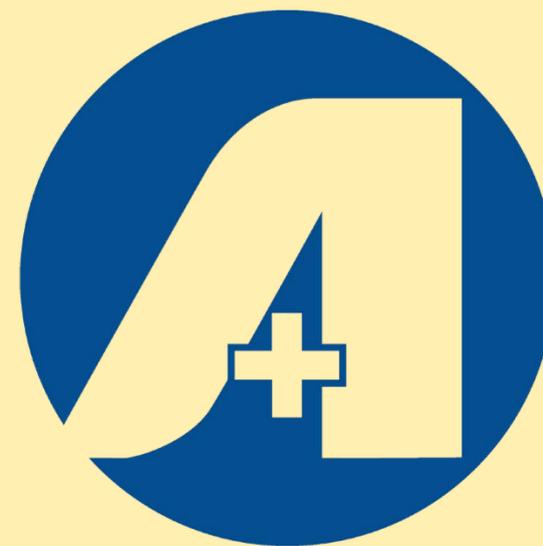
# Takeaways for Occupational Therapists & Case Managers



- The **eFOLDi Compass** presents a compelling option for clients with Multiple COPD, particularly those experiencing fluctuating mobility, fatigue, and breathlessness.
- James's case demonstrates how the eFOLDi Compass can effectively support individuals with COPD by reducing exertional breathlessness, improving safety and enabling participation in meaningful community activities. Its ultra-lightweight frame, stable four-wheel configuration and ability to manage varied terrain make it a clinically appropriate mobility solution that enhances independence, wellbeing and fall prevention.
- For OTs & Case Managers, considering recommendations that align with both functional goals and psychosocial outcomes, the eFOLDi Compass deserves strong consideration within a personalised care plan.



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