

Patient Journeys are **info-graphical overviews** that visualize patients' needs in the care of their rare disease.

Because Patient Journeys are designed from the **patient's perspective**, they allow clinicians to **effectively address the needs** of rare disease patients.

Find a detailed version of this patient journey on our website.

PATIENT JOURNEY

Multiple System Atrophy (MSA)

different needs
at different times

Overview	1 - Onset symptoms	2 - Diagnosis	3 - Treatment	4 - Monitoring
<p>Disease</p> <p>Presentation after the age of 50 years, average age of onset around 60-70. Onset is multifocal (starts with 3 or 4 key symptoms).</p> <p>First initial symptoms are subtle and nonspecific.</p> <p>Symptoms fall in two categories:</p> <ul style="list-style-type: none"> motor symptoms include urinary and/or bladder overactivity, gait problems, frequent falls, tremor of the hands, Parkinsonian symptoms are poorly responding to levodopa autonomic nervous system symptoms which are nocturia, orthostatic hypotension, a lower rate, blood pressure, constipation, sexual and/or arousal dysfunction <p>Additional: other symptoms may include incontinence, laughing or crying (either emotional lability), and/or, rarely, rita freezing during the day, excessive sweating or night, excessive sweating, weak, good voice.</p>	<p>The difficulty of MSA lies in the range of symptoms requiring the setting up of a timely monitoring system at neurological clinics.</p> <p>MSA is a clinical diagnosis and is subdivided into:</p> <ul style="list-style-type: none"> MSA with Parkinsonian MSA (if when diagnosis of movement, rigidity and bradykinesia) MSA with cerebellar MSA (if when diagnosis with balance, fine motor movements and speech are affected) <p>Different levels of diagnostic certainty were defined in the latest consensus diagnostic criteria:</p> <ul style="list-style-type: none"> Clinically established MSA Clinically probable MSA Probable MSA, MS is a search only category and has been drawn up to people with early signs of MSA can be considered for clinical care. <p>A definitive diagnosis of MSA is only possible from examination of the brain under a microscope.</p>	<p>There are no effective neurological disease-modifying treatments available yet, so treatment is focused on management of symptoms.</p> <p>The multiplicity of MSA symptoms requires the cooperation of different clinics.</p> <p>A patient with MSA in the initial phase of the disease does not necessarily have to be hospitalized in a neurological clinic in a long term.</p> <p>In the second phase of MSA (clinical diagnosis), the frequency of medical symptoms of various areas increases (respiratory breathing, sleep, constipation, home long ventilation, gait), additional (MS symptoms, ...).</p> <p>In the third/final phase (usually already irreversible), dependent on support technology a patient with MSA can stay at an specialized long term hospital, usually for a short term, or be continue at home care with adequate support for rehabilitation, stationary ventilation, cardiac, nutritional support, ...</p>	<p>Referral to national expert centre with treatment of multi-disciplinary teams in view of the rare disease</p>	



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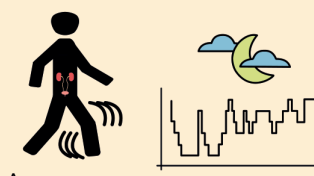



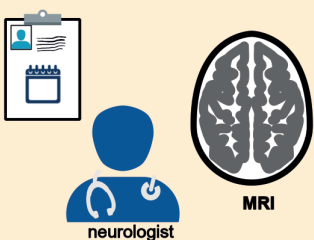

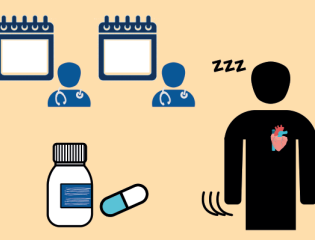
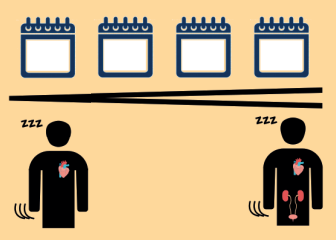



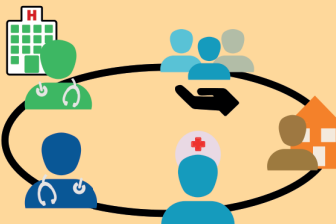

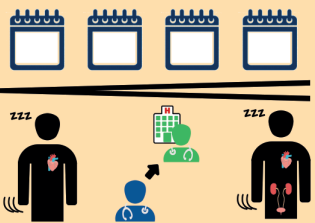
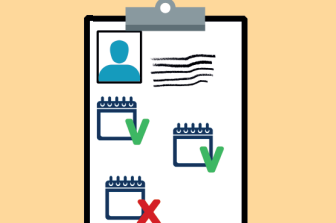


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for rare or low prevalence
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Network
Neurological Diseases
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Czech Association of
**Atypical
Parkinsonian
Syndromes**

	First symptoms	Diagnosis	Treatment	Monitoring
Disease	 <p>Average age of onset 50-60+</p> <p>Autonomic disorder, movement symptoms, sexual dysfunction and REM-sleep behaviour disorder</p>	 <p>MSA with Parkinson (slowness, tremor) or MSA with Cerebellar (balance, speech).</p>	 <p>Only symptom treating (breathing, blood pressure control, incontinence, psychological support, palliative care).</p>	 <p>Monitored by expert centres with multidisciplinary teams.</p>
Clinic	 <p>Extensive neurological examination, blood pressure, genitourinary assessment, brain MRI).</p>	 <p>MSA can mimic other conditions such as PD and ataxia. It can take time to diagnose MSA.</p>	 <p>Identify symptoms, initiate regular treatment and referrals.</p>	 <p>Identify and monitor progression of symptoms. Integration with appropriate services.</p>
Challenges	 <p>First symptoms can be general or non-specific and may not be recognized by clinicians.</p>	 <p>Missed diagnosis: dangers of serious falls, respiratory symptoms, malnutrition, infections.</p>	 <p>Need for research to find a cure.</p>	 <p>Holistic care includes home care aspects and emotional support for patients and carers.</p>
Goals	 <p>Observation for "red flags". Greater awareness on MSA, its symptoms, psychological and emotional needs of patients, physical therapy needed</p>	 <p>Multi-disciplinary cooperation on developing new therapies and care pathways.</p>	 <p>Person with MSA has a care plan that includes wishes for future care and interventions.</p>	

MRI Magnetic Resonance Imaging
MSA Multiple System Atrophy
O₂ Oxygen
PD Parkinson's Disease
REM Rapid Eye Movement

Please note that specific terms (e.g. home care services, general physician, physiotherapy) do not include the same services in all EU countries and might differ from country to country. Patient advocacy groups can often provide support and resources for patients and families.

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