# Understanding ALK+ NSCLC caregivers' psychosociological burden: Findings from the study "Living with ALK+ cancer in France"

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> · Considerably more caregivers than patients reported a major impact of ALK+ NSCLC on mental health.

#### · At least two-thirds of caregivers reported life-planning difficulties.

- · Other common challenges for caregivers included fatigue, anxiety, episodes of sadness, and sleep problems.
- Almost three-quarters of caregivers expressed a need for more information about ALK+ NSCLC and its progression.
- · This study highlights the need for more comprehensive support for caregivers of patients with ALK+ NSCLC to help them with the difficulties in their daily lives.

# Conclusion

The "Living with ALK+ cancer" study highlights the extensive challenges faced by caregivers of patients living with ALK+ NSCLC and emphasises the need for comprehensive support systems that address the many daily-life difficulties encountered by caregivers.

# Introduction

Key take

aways

- Anaplastic lymphoma kinase (ALK) fusion-positive (ALK+) adenocarcinoma accounts for up to 5% of nonsmall cell lung cancer (NSCLC) cases.1-5
- · The prognosis for patients with ALK+ NSCLC has been drastically improved by therapeutic sequences incorporating different generations of ALK inhibitors with median overall survival increasing from 12 months
- Caregivers for patients with ALK+ NSCLC are usually family members or close friends, playing a key supportive role for patients.
- · In this supportive role, caregivers face several practical and psychological challenges; however, Table 1. Caregiver characteristics the specific experiences of caregivers in this setting remain underexplored 10, 11
- · The present study evaluated the indirect impact of ALK+ NSCLC on caregivers and provided important insights into the unmet needs of caregivers.

### Methods

- · The "Living with ALK+ cancer in France" study was a psychosociological survey conducted in two parts:
- · A qualitative phase designed to identify areas of interest for subsequent investigation.
- · A quantitative phase with detailed questionnaires (on the areas of interest) for 85 natients with ALK+ NSCLC, 27 caregivers and 50 thoracic oncologists.
- · Presented here are results for the caregiver population (n=27) in the quantitative phase.
- · The caregivers were recruited by patient associations or oncologists and were not necessarily the caregivers looking after the enrolled patients.
- · Data were collected from November 2024 to February 2025, via a self-administered 35-minute online survey

# Results

#### Caregiver characteristics

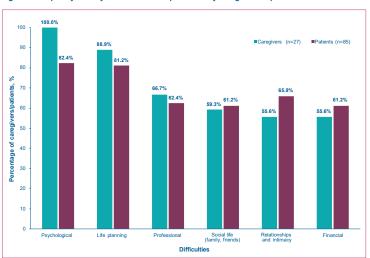
- · Caregivers were generally female (51.9%) and aged 50-60 years (44.4%); overall mean age was 53.8 years
- · Most caregivers (85.2%) were the spouses of patients with ALK+ NSCLC: some caregivers (11.1%) were the children of patients.
- Caregivers reported that they provided patients with moral and psychological support (100.0% of cases); helped with everyday tasks (92.6%); and accompanied patients on hospital visits (81.5%; Table 1).

Characteristic, n (%)	Caregivers (n=27)
Sex	14 (51.9)
Female Male	13 (48.1)
Age	
<40 years	4 (14.8)
40-49 years	4 (14.8)
50-60 years	12 (44.4)
>60 years	7 (25.9)
Primary caregiver?	
Yes, the only caregiver	21 (77.8)
One of several caregivers, but the major carer	6 (22.2)
Caregiver location	
Living in the same house as the patient	24 (88.9)
Living <30 minutes from the patient	3 (11.1)
Relationship to patient	
Spouse	23 (85.2)
Child	3 (11.1)
Friend	1 (3.7)
Family situation	
Couple with children	8 (29.6)
Couple without children	19 (70.4)
Help provided to patient	
Moral and psychological support	27 (100.0)
Everyday tasks (housework, preparing meals, etc.)	25 (92.6)
Accompanying to hospital	22 (81.5)
Talking to treating medical team	19 (70.4)
Searching for information on illness/treatments	17 (63.0)
Collecting medicines from pharmacy	14 (51.9)
Administrative tasks (e.g. making appointments, social assistance)	13 (48.1)

## Daily-life difficulties

- . The bar chart in Figure 1 shows the daily-life difficulties experienced by caregivers themselves and the daily-life difficulties reported by patients with ALK+ NSCLC.
- · Overall, more caregivers than patients reported that ALK+ NSCLC had a major impact on mental health (100.0% vs 82.4%).
- Caregivers highlighted several challenges that they experienced; fatigue (77.8%), anxiety (70.4%), episodes of sadness (66.7%), sleep problems (59.3%), insecurity (51.9%) and organisational difficulties or burnout related to caregiving (33.3%).
- Caregivers also reported difficulties with life planning (envisioning the future; 59.3%), relationships and intimacy (reduced or lost libido; 40.7%), social life (limited social contacts or friendships; 40.7%), finances (reduced income; 25.9%) and professional problems (fulfilling professional obligations; 14.8%).

#### Figure 1. Frequency of daily-life difficulties experienced by caregivers or patients



#### Supporting the patient throughout their journey

- · Caregivers were always (56.0%) or often (19.0%) present during patients' follow-up visits, which occurred every 2.9 months on average.
- · However, 25.9% of caregivers (n=7) did not feel listened to by the medical team.
- · 77.8% of caregivers (n=21) reported that the patient experienced considerable anxiety with follow-up
- Only 51.9% of caregivers said they received adequate support from oncologists and primary care physicians in dealing with disease impact on daily life; the corresponding proportion of patients was 84.7%.
- Caregivers considered the following support measures as being the most important
- · More information about ALK+ NSCLC and its progression (74.1% of caregivers)
- · A separate hospital consultation, dedicated to nonmedical problems for patients and caregivers (59.3%)
- · Tools and support for better training as a caregiver (59.3%)
- · Information on rights as a caregiver (59.3%).
- · Support measures considered important by patients and oncologists were to:
  - · Establish separate hospital consultations, dedicated to nonmedical problems, for patients and caregivers (65.9% of patients and 58.0% of oncologists)
  - · Systematically provide wellness activities, such as yoga (55.3% and 60.0%)
  - · Make it easier to report adverse effects to the medical team (57.6% and 52.0%)
- · Provide psychological support (51.8% and 68.0%).