



# **NSCLC with brain mets Global Survey**

October 2021

# Contents

**1** Background

**2** Treatment

**3** Physician's  
point of view

**4** Information

# Objectives and Background

## Treatment

### Treatment of patients with both NSCLC and brain metastases

- Difference and frequency in symptoms for those with brain metastases
- Are NSCLC patients with brain metastases managed differently?
- Does it influence the core treatment goals?
- Are specialists comfortable or sufficiently knowledgeable to treat patients with both?

### Caregivers

- specialists perception of caregiver involvement, role, and perspective of caregivers

## Physician's point of view

### Physician point of view and attitudes towards NSCLC patients with brain metastases

- Do physicians have a bias around diagnosis, implying low overall survival?
- specialists's core goals and challenges of management of NSCLC patients with brain mets
- Perceived patient and caregiver challenges

### Quality of life measures

- How are they communicated; does it impact care practices?

## Information

### Coordinated care and the lack of information provided to NSCLC patients

- How is care and support provided by them by specialists and is this deemed sufficient?
- Where do patients find information on NSCLC with brain metastases?
- How do they seek support?
- Materials available to specialists to share with patients and caregivers

### Information disconnect

- Is this information accurate and useful for patients, on oncologist's point of view?

# Methodology and Sample









## Methodology

10 minutes online survey with specialists, including limited screening questions

## Participation criteria

- Must be within at least 1 of the 5 roles listed in sample plan
- Qualified in their specialty for between 3 and 30 years
- Treat NSCLC patients with brain metastases
- At least one patient with NSCLC with brain metastases for the past year

## Sample

								
	US	EU	UK	DE	FR	IT	ES	Total
Medical Oncologist	55	162	27	25	33	40	37	217
Clinical Oncologist	2	43	13	5	5	8	12	45
Radiation Oncologist	30	6	3	1	1	0	1	36
Haem-Oncologist	13	14	0	12	0	2	0	27
Respiratory Specialist	0	25	7	7	11	0	0	25
<b>Total</b>	<b>100</b>	<b>250</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>350</b>

# Treatment

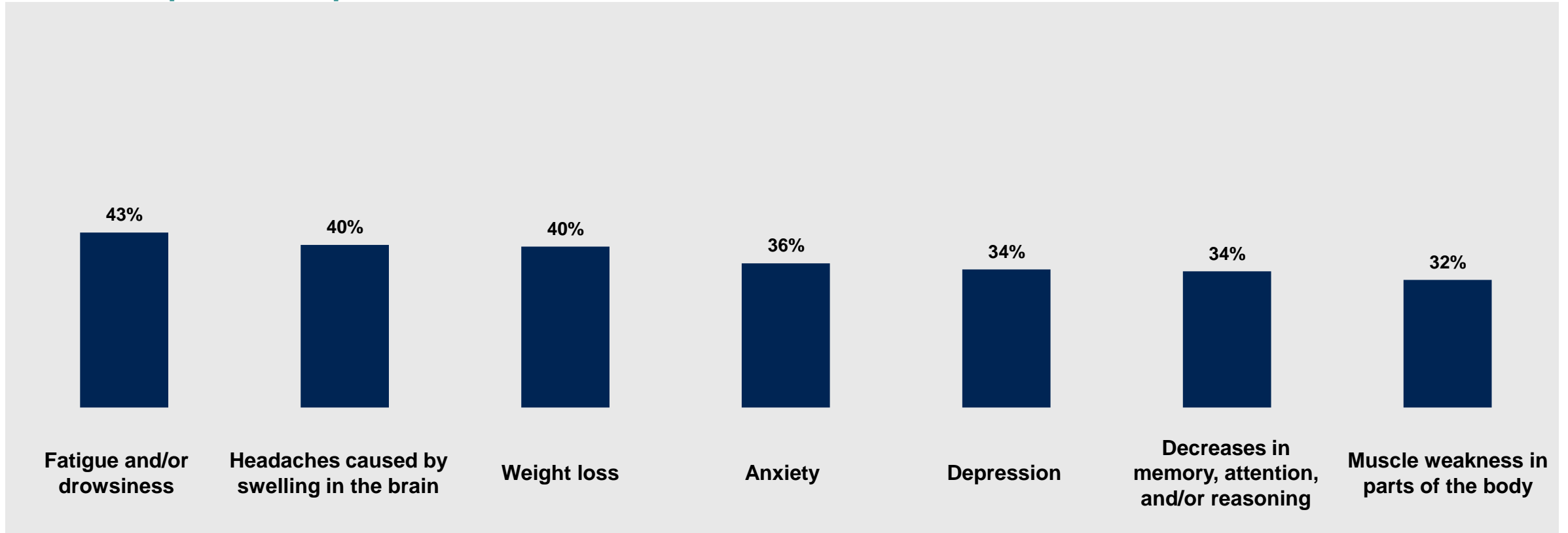




# Fatigue (43%), weight loss (40%) and headaches caused by brain swelling (40%) are the top 3 symptoms experienced by NSCLC patients with brain metastases

Top 5 symptoms experienced by NSCLC patients with brain metastases

Mean % of patients experience



Base: All Respondents Total (n=350)

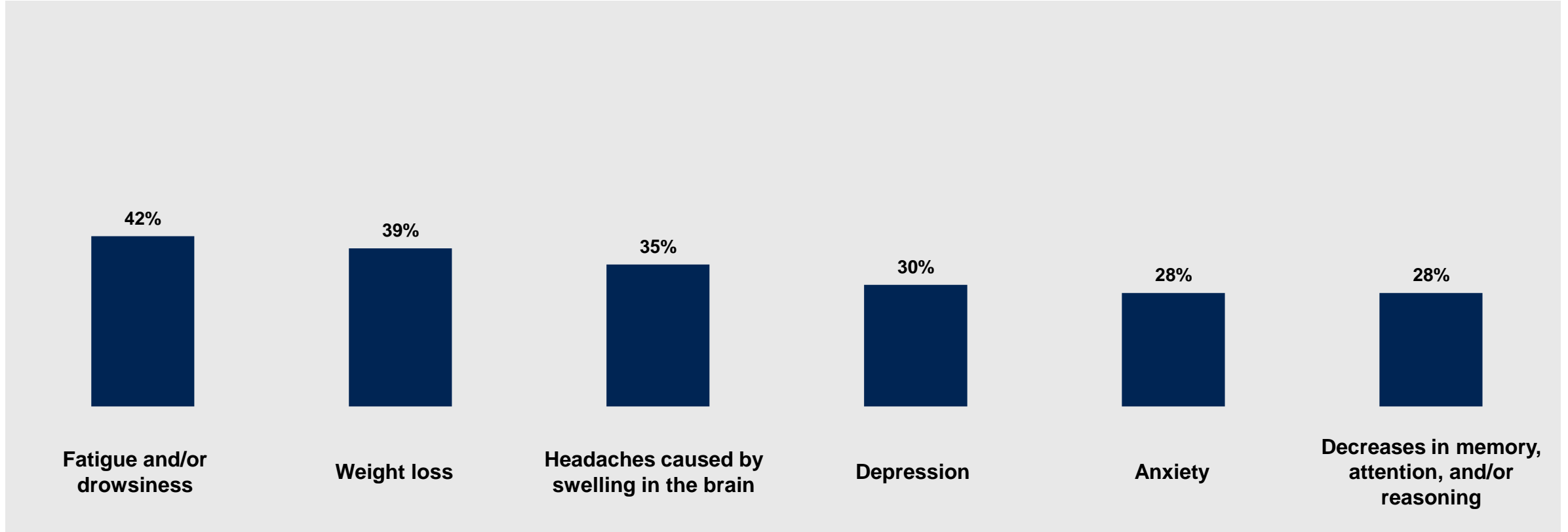
T1. In your experience, what proportion of your NSCLC patients with brain metastases experience the following symptoms?



# Fatigue (42%), weight loss (39%) and headaches caused by brain swelling (35%) are the top 3 symptoms experienced by NSCLC patients with brain metastases

Top 5 symptoms experienced by NSCLC patients with brain metastases

Mean % of patients experience



Base: All Respondents US (n=100)

T1. In your experience, what proportion of your NSCLC patients with brain metastases experience the following symptoms?

▲ ▼ Notable differences vs Global tested at a 95% confidence level

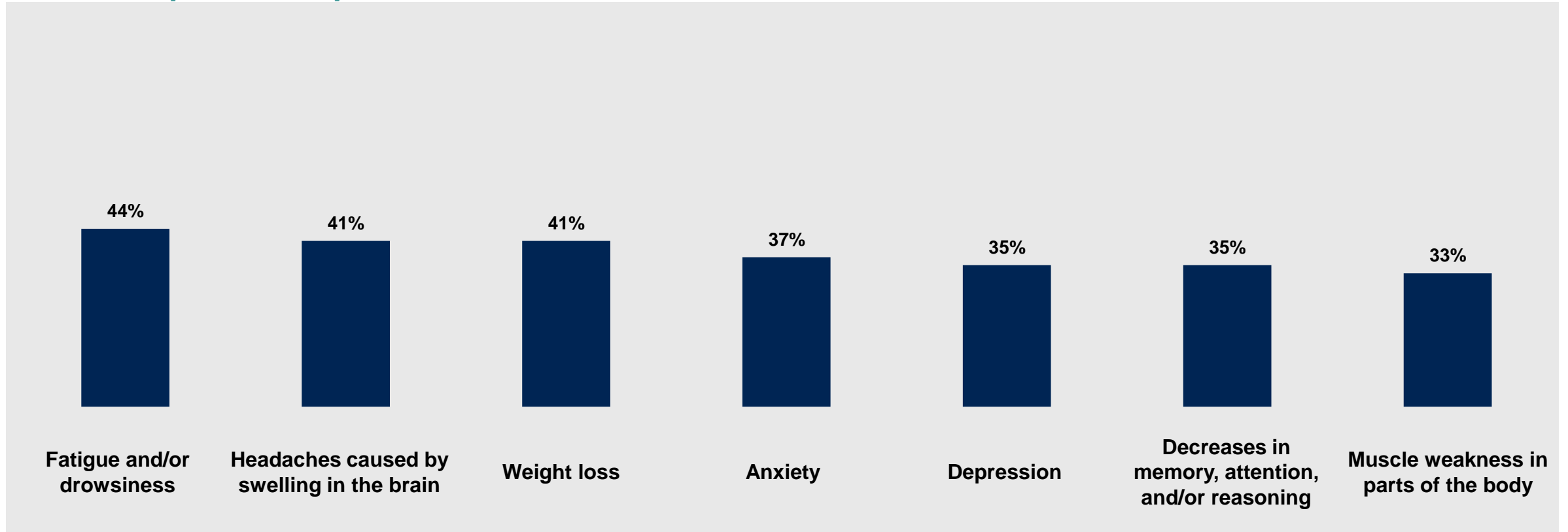




# Fatigue (44%), headaches caused by brain swelling (41%) and weight loss (41%) are the top 3 symptoms experienced by NSCLC patients with brain metastases

Top 5 symptoms experienced by NSCLC patients with brain metastases

Mean % of patients experience



Base: All Respondents EU (n=250)

T1. In your experience, what proportion of your NSCLC patients with brain metastases experience the following symptoms?

▲ ▼ Notable differences vs Global tested at a 95% confidence level

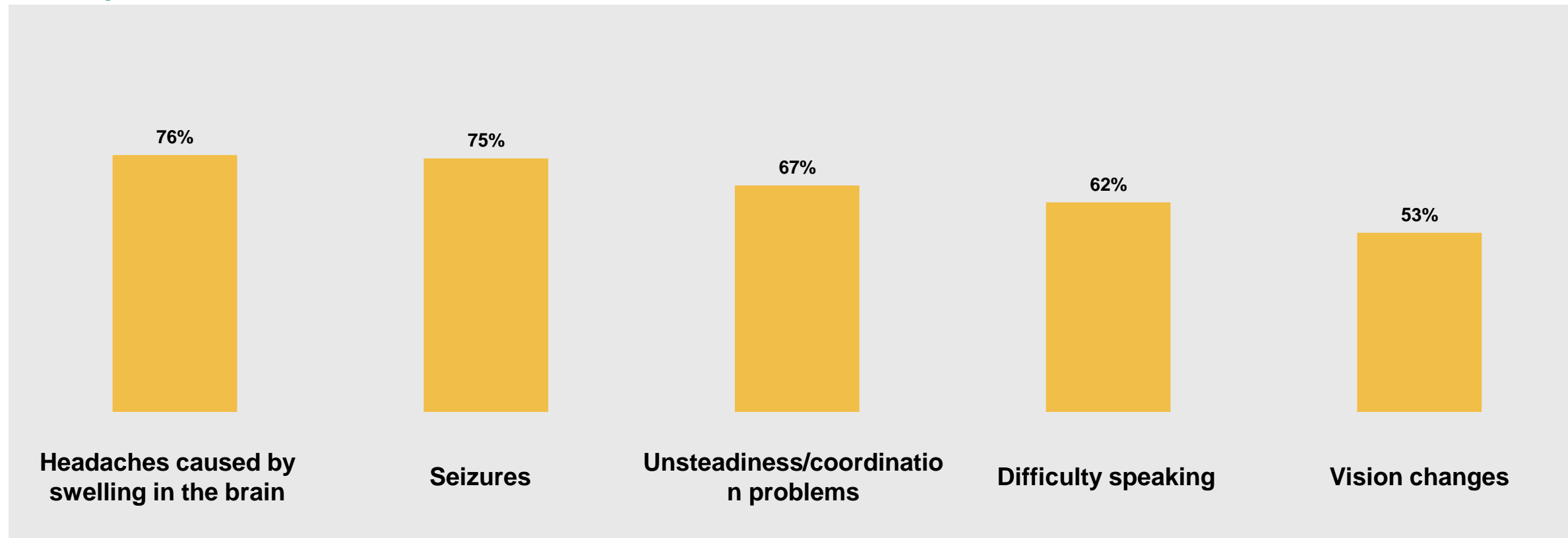






# Headaches caused by brain swelling (75%), seizures (73%) and Unsteadiness/coordination problems (65%) are the top 3 symptoms unique to NSCLC patients with brain metastases

Top 5 symptoms unique to brain metastases  
% of specialists



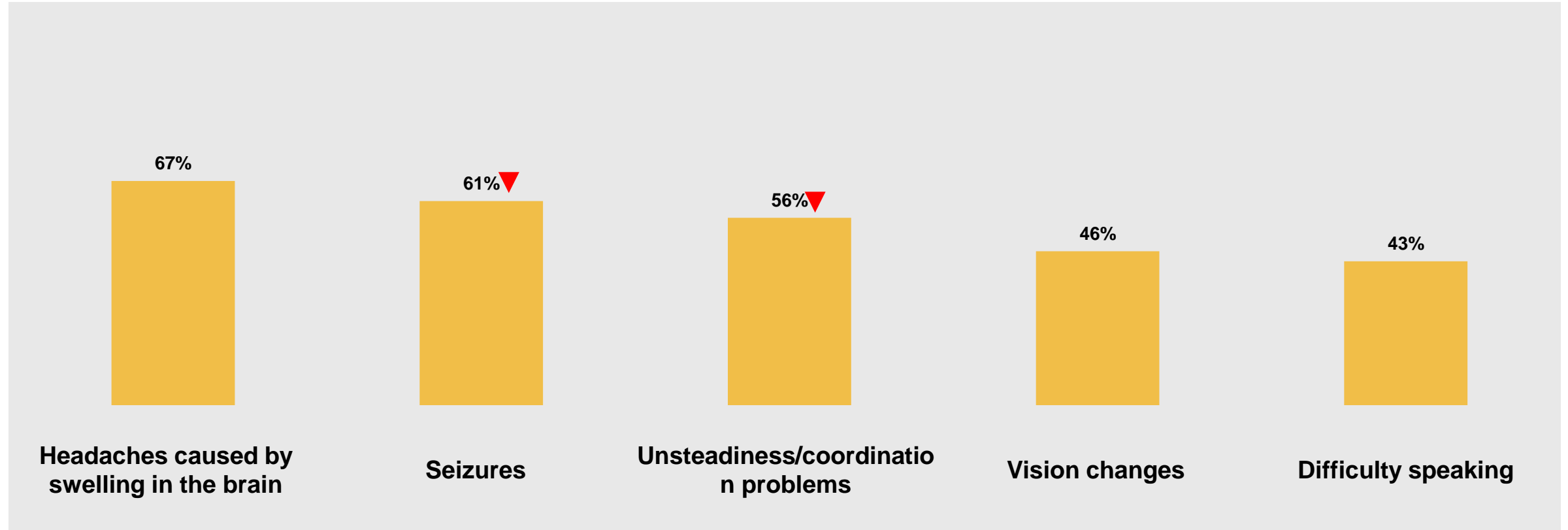
Base: All Respondents Total (n=350)

T1b. And which of these symptoms do you perceive to be a symptom that is unique to their brain metastases and not symptoms relating to their NSCLC in general?



# Headaches caused by brain swelling (67%), seizures (61%) and Unsteadiness/coordination problems (56%)

Top 5 symptoms unique to brain metastases  
% of specialists



Base: All Respondents US (n=100)

T1b. And which of these symptoms do you perceive to be a symptom that is unique to their brain metastases and not symptoms relating to their NSCLC in general?

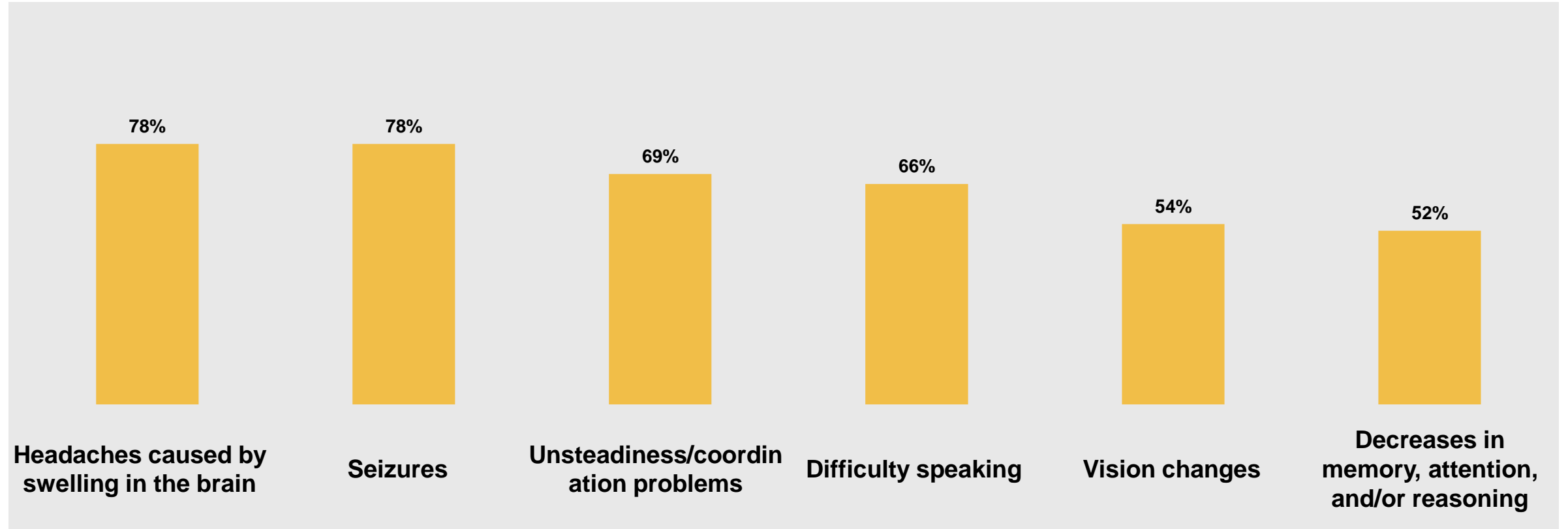
▲ ▼ Notable differences vs Global tested at a 95% confidence level





# Headaches caused by brain swelling (78%), seizures (78%) and Unsteadiness/coordination problems (69%)

Top 5 symptoms unique to brain metastases  
% of specialists



Base: All Respondents EU (n=250)

T1b. And which of these symptoms do you perceive to be a symptom that is unique to their brain metastases and not symptoms relating to their NSCLC in general?

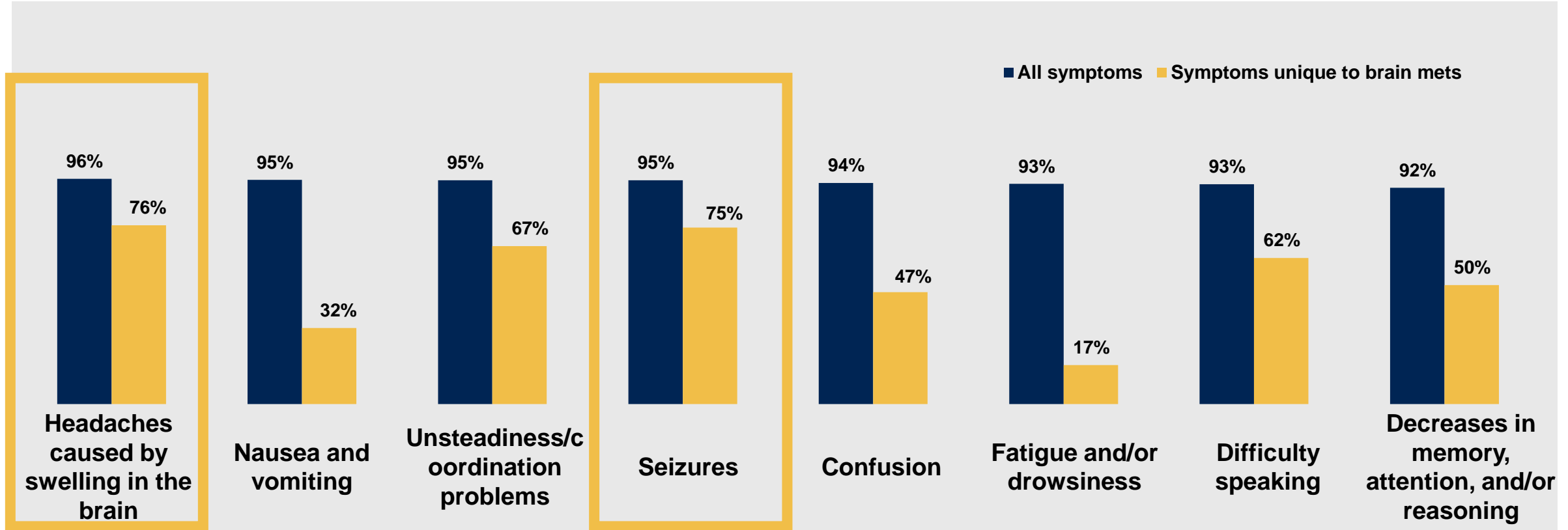
▲ ▼ Notable differences vs Global tested at a 95% confidence level





# Comparison of NSCLC brain metastases symptoms with symptoms unique to brain metastases (Top 5)

% of specialists



Base: All Respondents Total (n=350)

T1. In your experience, what proportion of your NSCLC patients with brain metastases experience the following symptoms?

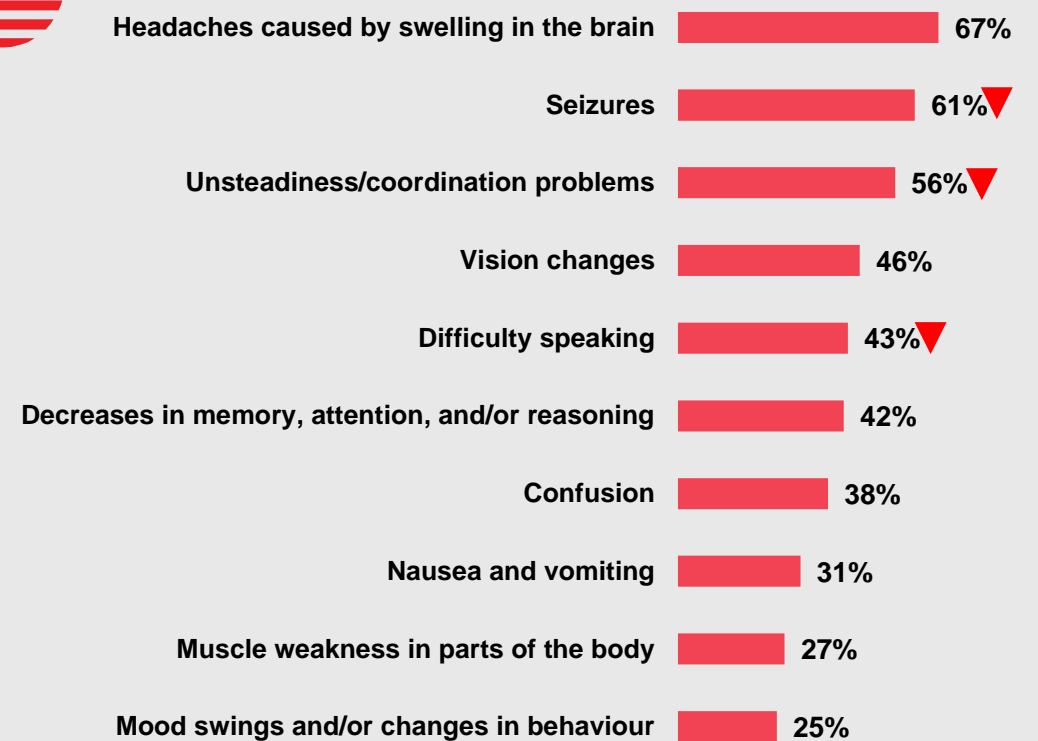
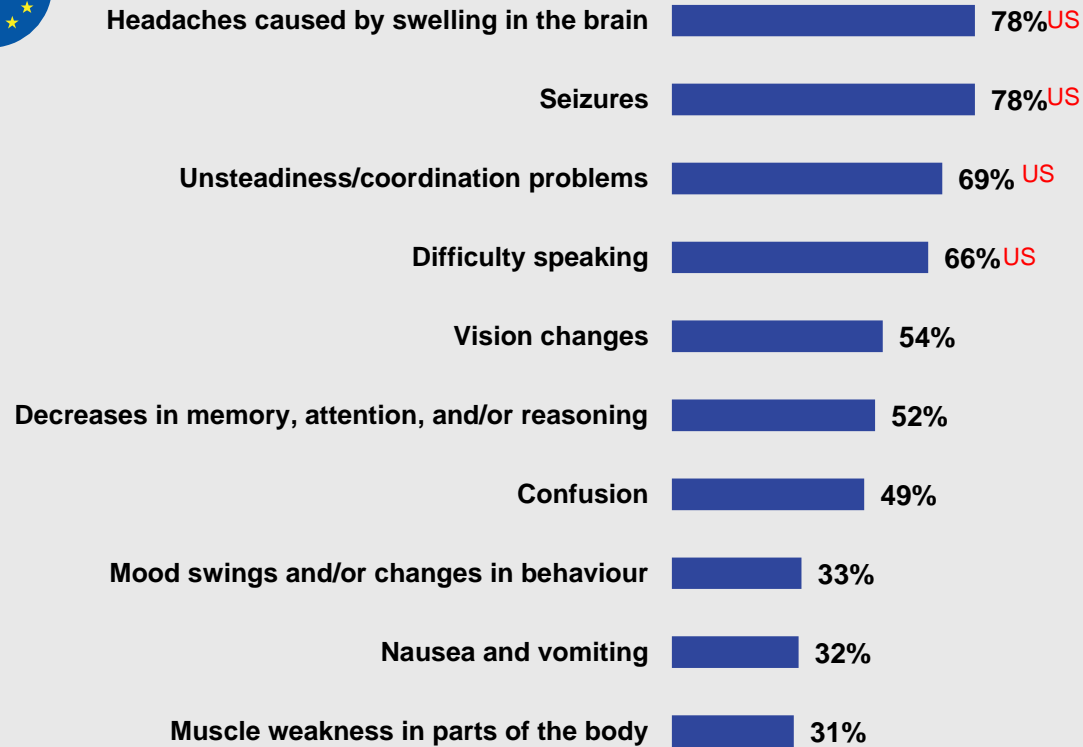
T1b. And which of these symptoms do you perceive to be a symptom that is unique to their brain metastases and not symptoms relating to their NSCLC in general?

# EU5 vs US – Symptoms most unique to brain metastases

## Top 10 symptoms unique to NSCLC patients with brain metastases



% of specialists



Base: All Respondents EU (n=250), US (n=100)

T1b. And which of these symptoms do you perceive to be a symptom that is unique to their brain metastases and not symptoms relating to their NSCLC in general?

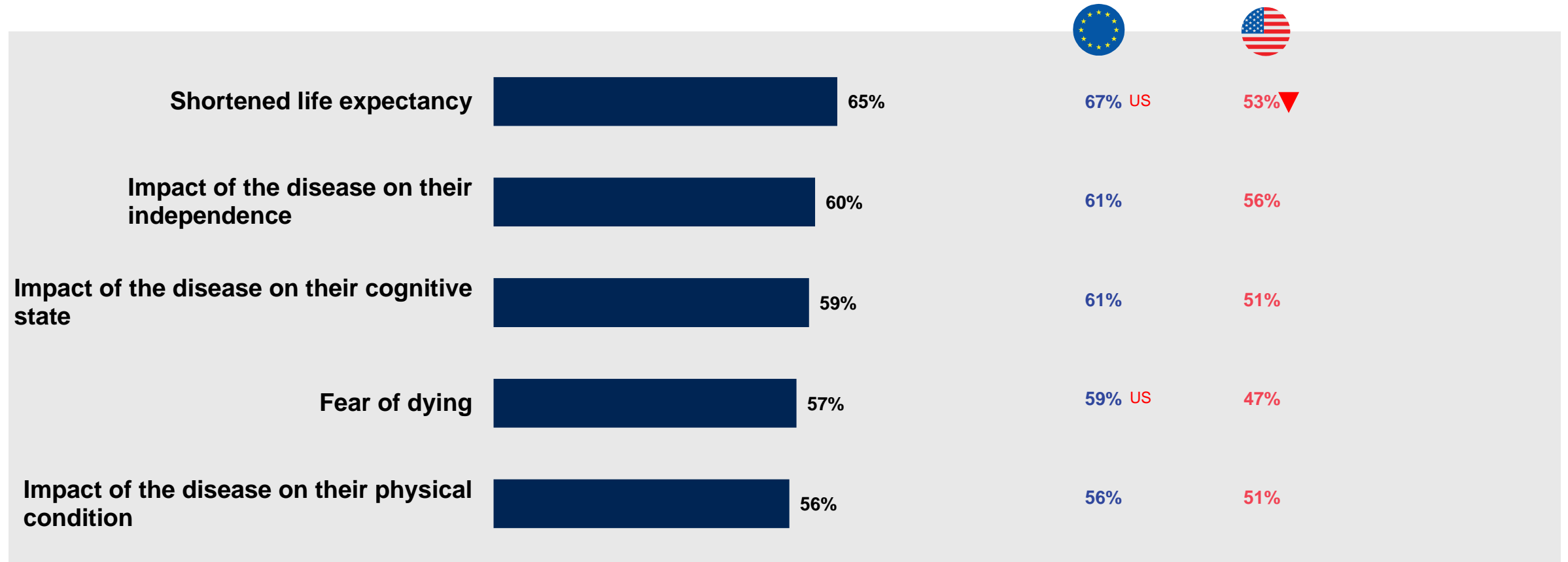
▲▼ Notable differences vs Global tested at a 95% confidence level

US/EU Notable differences tested at a 95% confidence level

# Shortened life expectancy emerges as the top challenge that, for specialists, patients find most difficult when living with NSCLC and brain metastases



## Top 5 challenges of NSCLC patients with brain metastases



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

T4. In your experience, what do you think patients find most challenging about having NSCLC with brain metastases?

▲ ▼ Notable differences vs Global tested at a 95% confidence level

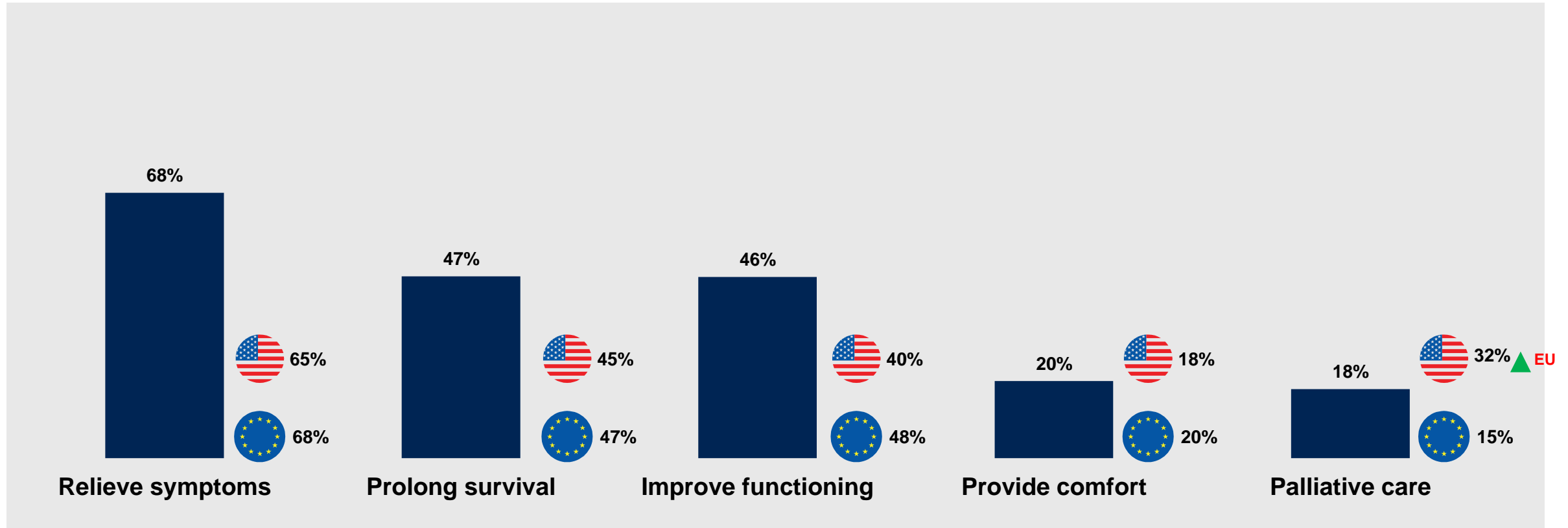
US/EU Notable differences tested at a 95% confidence level





# Globally, relieving symptoms is the main goal of treating NSCLC patient with brain metastases

## Main goals of treating NSCLC patients with brain metastases



Base: All Respondents Total (n=350), US (n=100), EU (n=250)

T3. When treating NSCLC patients with brain metastases, which of the following, if any, do you think the main goals of treating these patients should be?

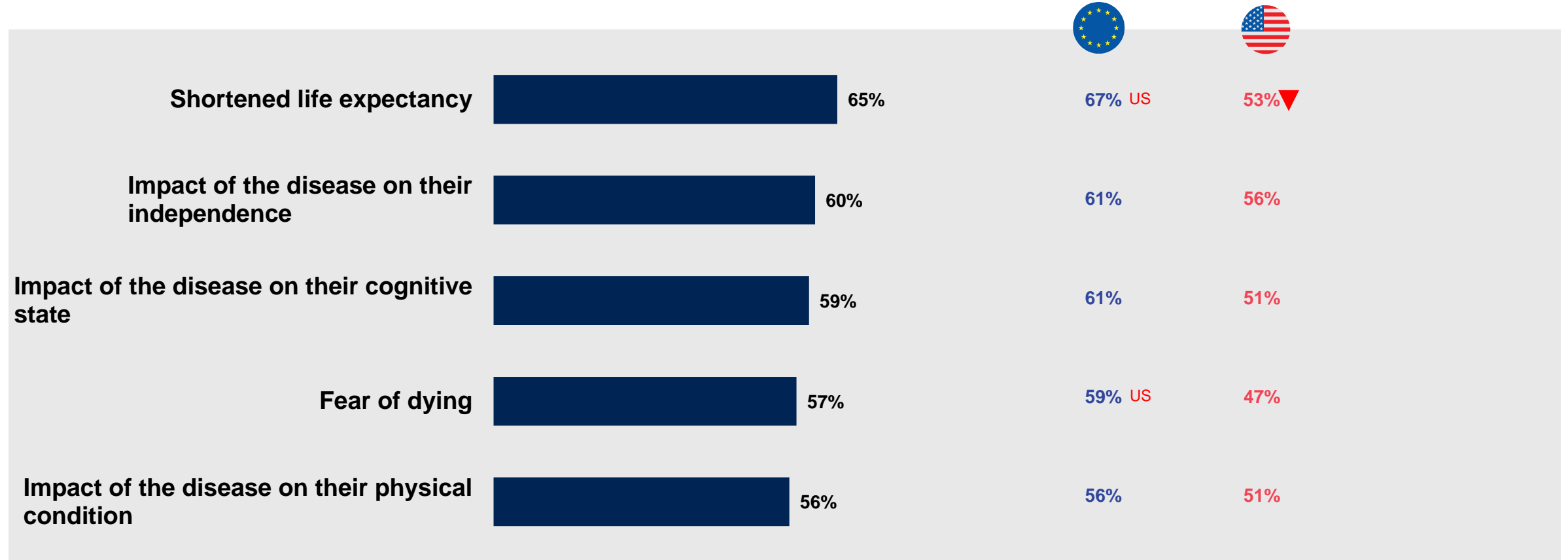
▲ ▼ Notable differences vs Global tested at a 95% confidence level

US/EU Notable differences tested at a 95% confidence level

# Shortened life expectancy is the top patient challenge as reported by specialists



## Top 5 challenges of NSCLC patients with brain metastases



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

T4. In your experience, what do you think patients find most challenging about having NSCLC with brain metastases?

▲ ▼ Notable differences vs Global tested at a 95% confidence level

US/EU Notable differences tested at a 95% confidence level

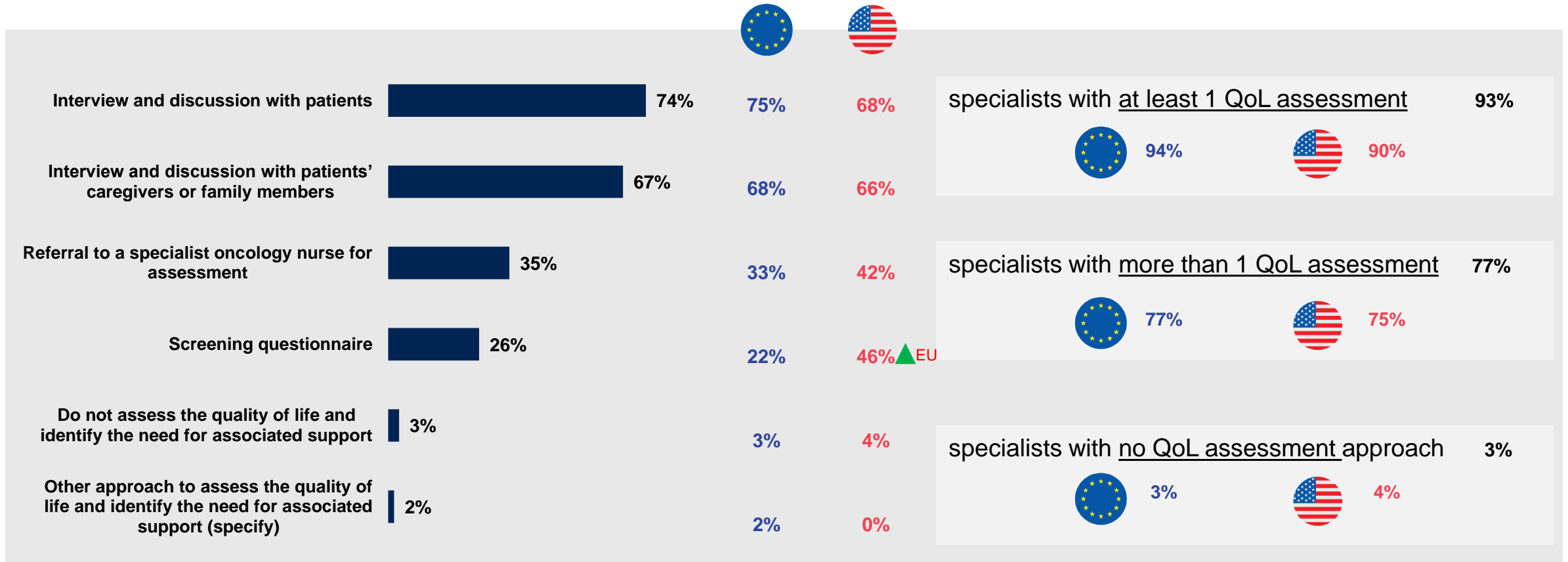






# specialists most often interview patients (74%) and caregivers (67%) to assess patient quality of life

## Approaches to assess QOL and needs of NSCLC patients with brain metastases



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

T6. What approach, if any, do you or those in your institution use to assess quality of life and identify the need for associated support of NSCLC patients with brain metastases, and their families/caregivers?

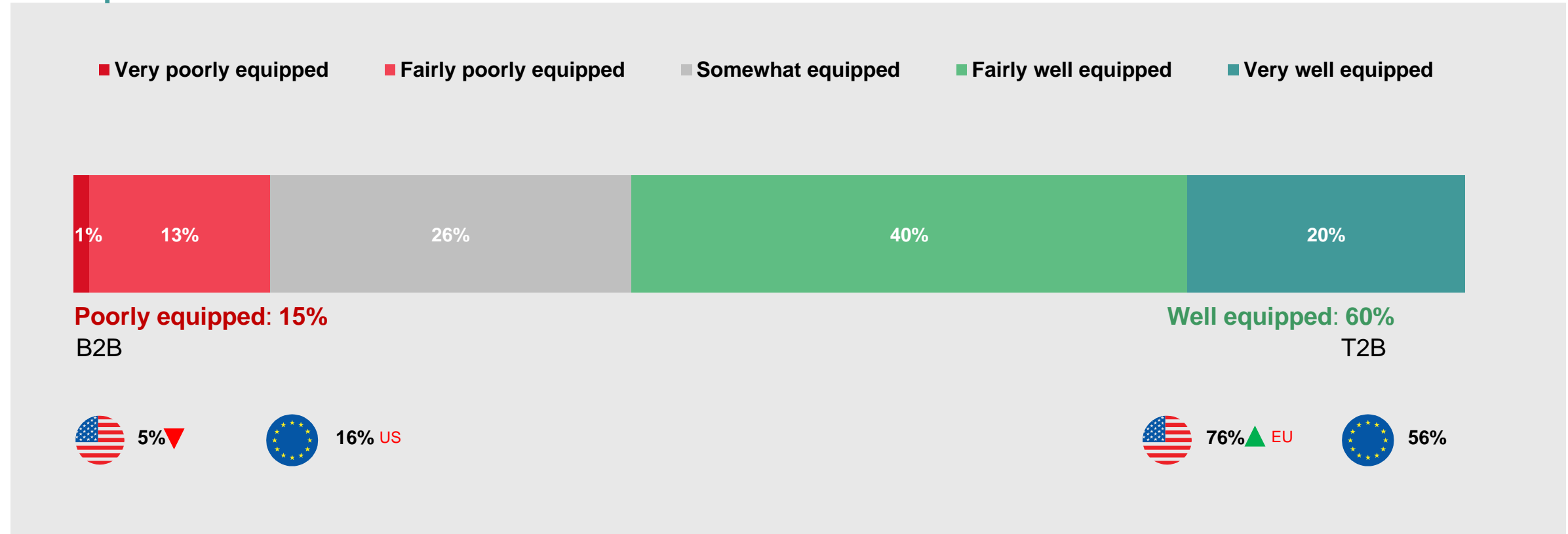
▲ ▼ Notable differences vs Global tested at a 95% confidence level

US/EU Notable differences tested at a 95% confidence level



# Globally, 60% of specialists feel well equipped to manage care of NSCLC patient with brain metastases, while 15% feel poorly equipped

## Equipment level for NSCLC patients with brain metastases % of specialists



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

T2. How well or poorly equipped do you feel managing patient care for your NSCLC patients with brain metastases compared to those without brain metastases?

▲ ▼ Notable differences vs Global tested at a 95% confidence level

US/EU Notable differences tested at a 95% confidence level



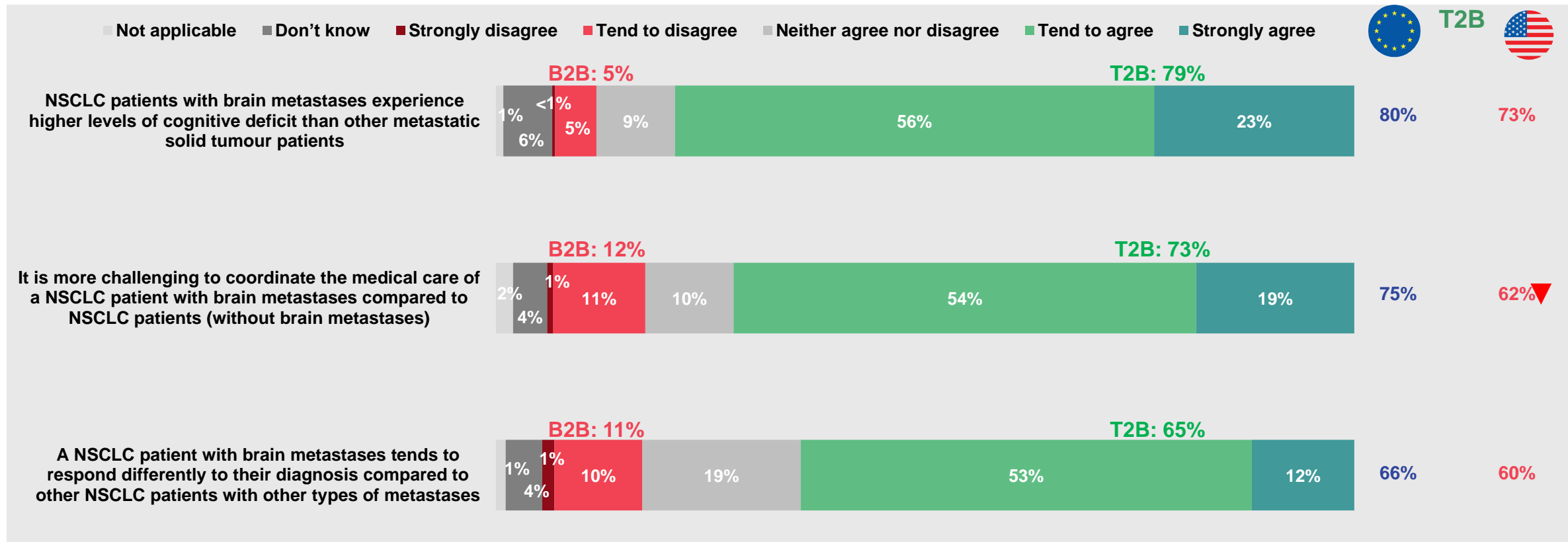
# Physician's point of view





# 71% of physicians agree that it is more challenging to coordinate the medical care of a NSCLC patient with brain metastases compared to NSCLC patients (without brain metastases)

## Assessment of differences between NSCLC patients with and without brain metastases Patients



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

P1 Considering your NSCLC patients with brain metastases to what extent do you agree or disagree with each of the statements below?

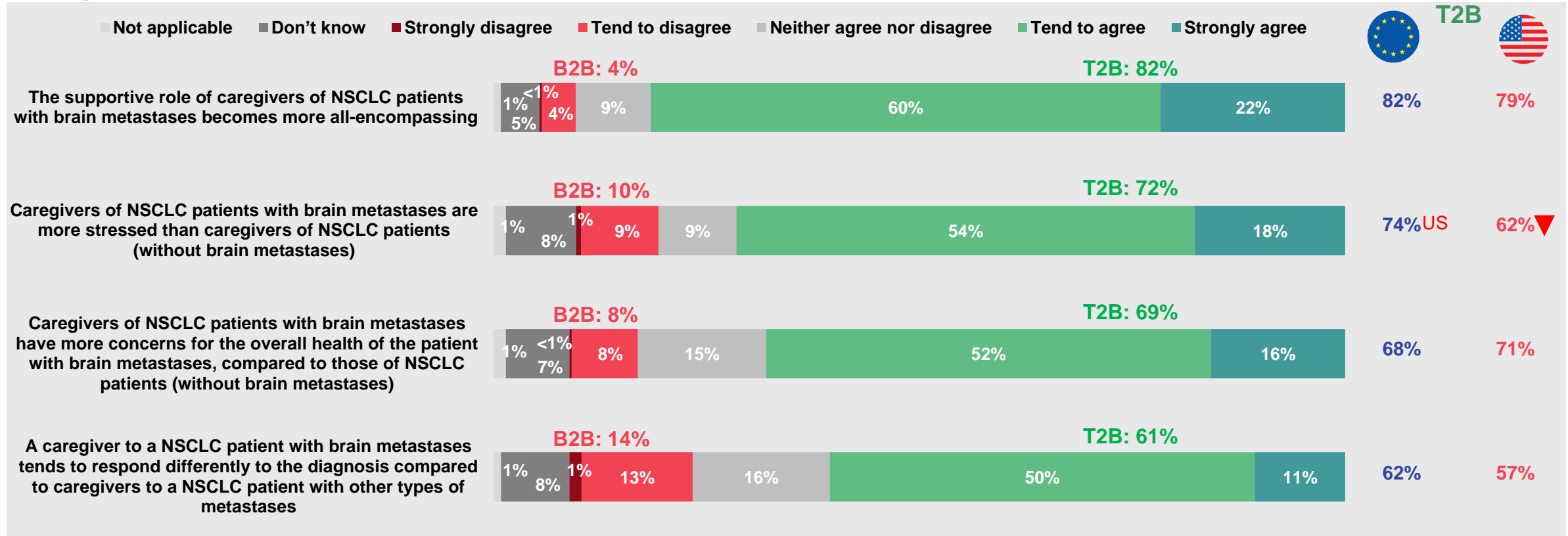
▲ ▼ Notable differences vs Global tested at a 95% confidence level

US/EU Notable differences tested at a 95% confidence level



# 82% of physicians agree that the supportive role of caregivers of NSCLC patients with brain metastases is more all-encompassing than the role of caregiver to a patient without brain metastases

## Assessment of differences between NSCLC patients with and without brain metastases Caregivers



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

P1 Considering your NSCLC patients with brain metastases to what extent do you agree or disagree with each of the statements below?

▲ ▼ Notable differences vs Global tested at a 95% confidence level

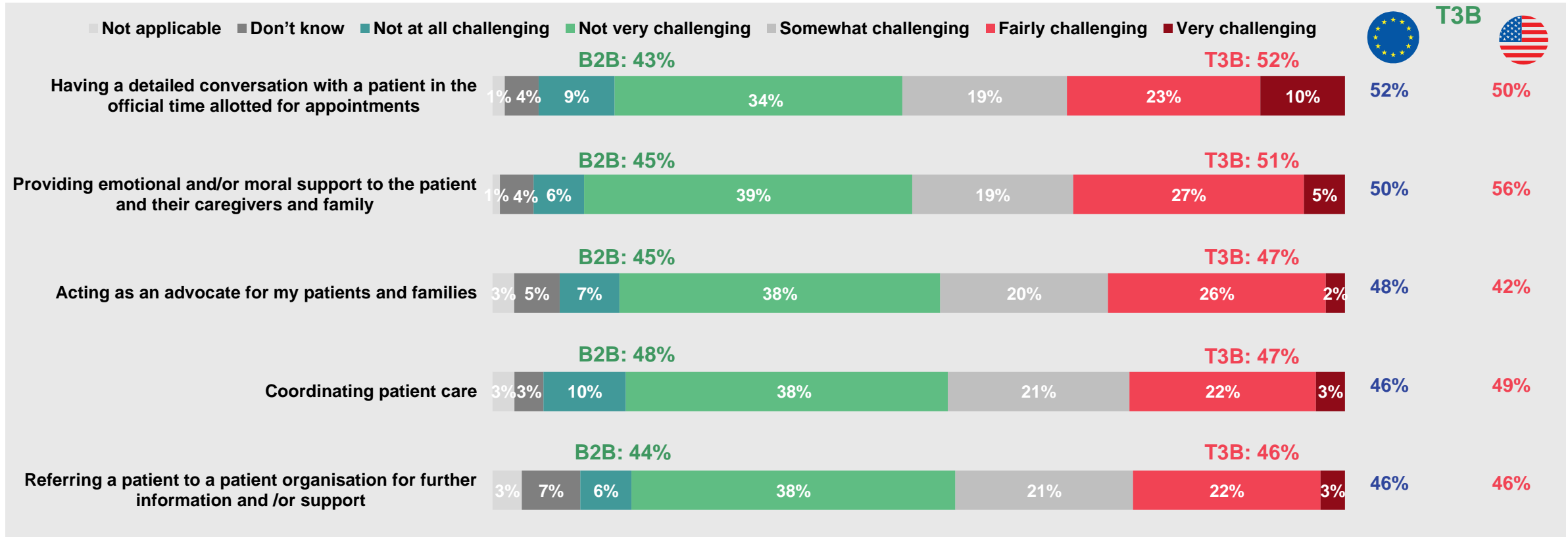
US/EU Notable differences tested at a 95% confidence level





# Providing emotional support to the patient, carer and family emerges as the top challenge, highlighted by 32% of physicians

## Top 5 challenges roles / activities in managing NSCLC patients with brain metastases



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

P3 When treating NSCLC patients with brain metastases how challenging or not are each of the following roles/activities to you personally?

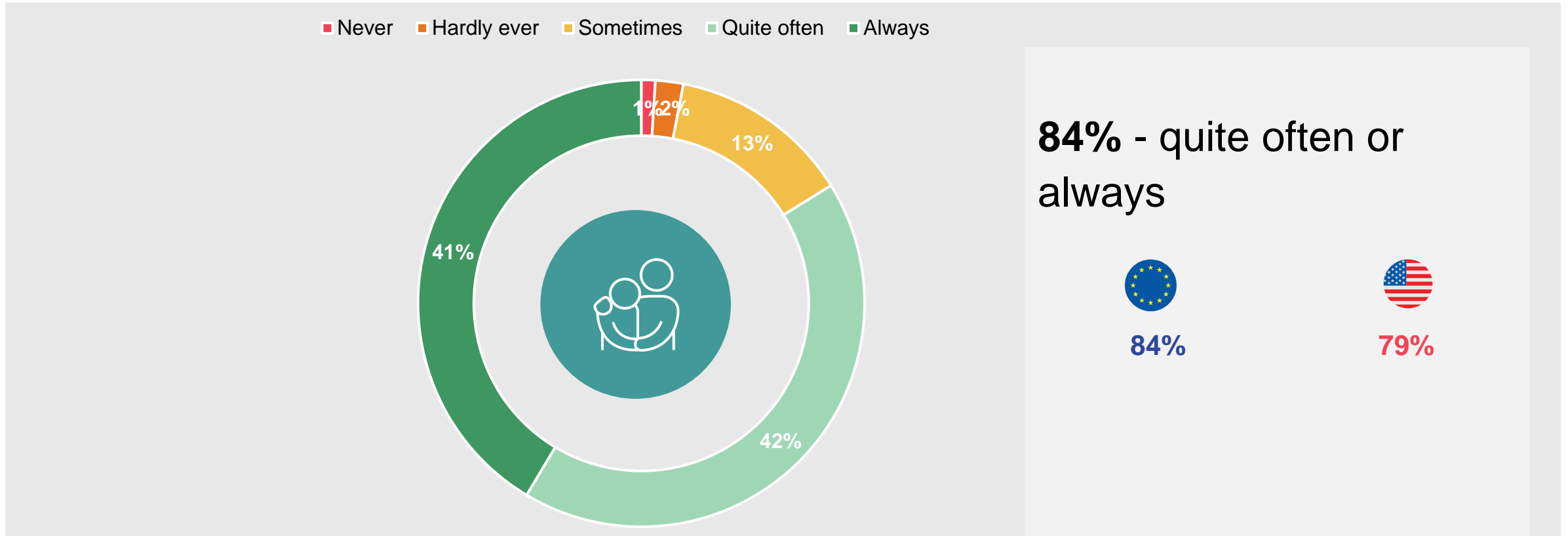
▲ ▼ Notable differences vs Global tested at a 95% confidence level

US/EU Notable differences tested at a 95% confidence level



# 84% of physicians communicate with caregivers of their NSCLC patients with brain metastases either quite often or always

## Frequency of communication with family members/caregivers of NSCLC patients with brain metastases



Base: All Respondents Total (n=350)

P4 Approximately, how often, if at all, do you communicate with family members/caregivers as part of the individual treatment plan of the NSCLC patients with brain metastases?

▲ ▼ Notable differences vs Global tested at a 95% confidence level

US/EU Notable differences tested at a 95% confidence level



# Information

A person wearing a dark suit jacket and a light blue shirt is shown from the chest down. They are holding a pen in their right hand and looking at an open book. The book is open to several pages, and the person's left hand is resting on the right side of the book. The book is placed on a wooden surface. The word "Information" is overlaid in a teal color on a semi-transparent grey background in the upper left quadrant of the image.

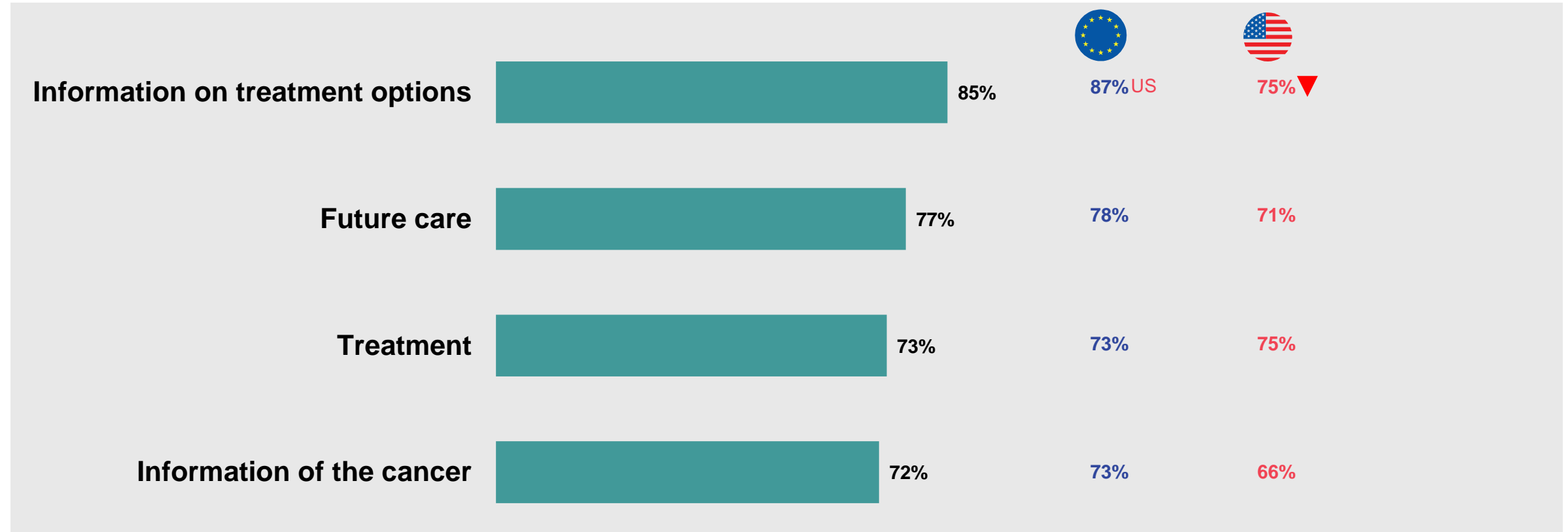




# Patients want more information about treatment options, future care and information on the cancer, according to physicians

## Envisaged information needs of NSCLC patients with brain metastases

### NETs



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

I1 Thinking of your NSCLC patients with brain metastases, which areas, if any, do you think they want to know more about their condition?

▲ ▼ Notable differences vs Global tested at a 95% confidence level

US/EU Notable differences tested at a 95% confidence level

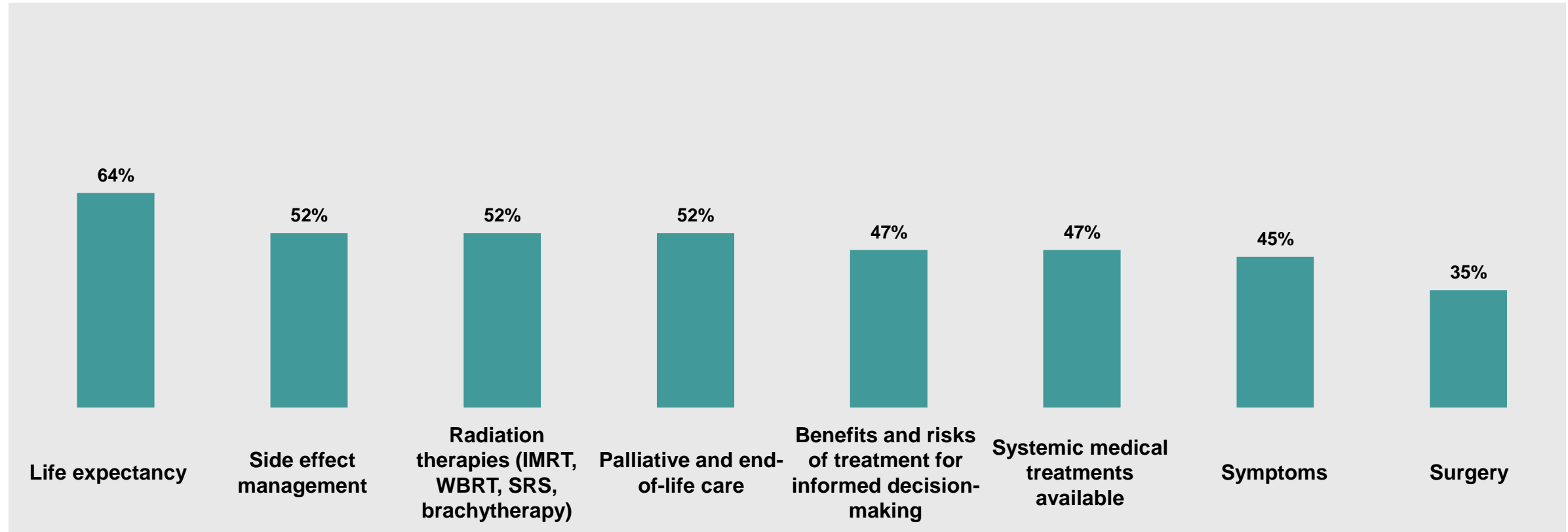




# Patients also want more information about life expectancy, side effect management and radiation therapies, according to physicians

## Top 8 Envisaged information needs of NSCLC patients with brain metastases

### Individual codes



Base: All Respondents Total (n=350)

I1 Thinking of your NSCLC patients with brain metastases, which areas, if any, do you think they want to know more about their condition?

▲ ▼ Notable differences vs Global tested at a 95% confidence level





# Overall, 60% of physicians are satisfied with the amount of information available for NSCLC patient with brain metastases, but 22% remain dissatisfied

## Level of satisfaction with amount of information available to patients and caregivers

*I am satisfied with the amount of information available to my NSCLC patients with brain metastases and their caregivers about their condition*

■ Not applicable
■ Don't know
■ Strongly disagree
■ Tend to disagree
■ Neither agree nor disagree
■ Tend to agree
■ Strongly agree



**Dissatisfied: 24%**

**Satisfied: 59%**

B2B

T2B



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

I2 Please select to what extent you agree / disagree with the following statement

▲ ▼ Notable differences vs Global tested at a 95% confidence level

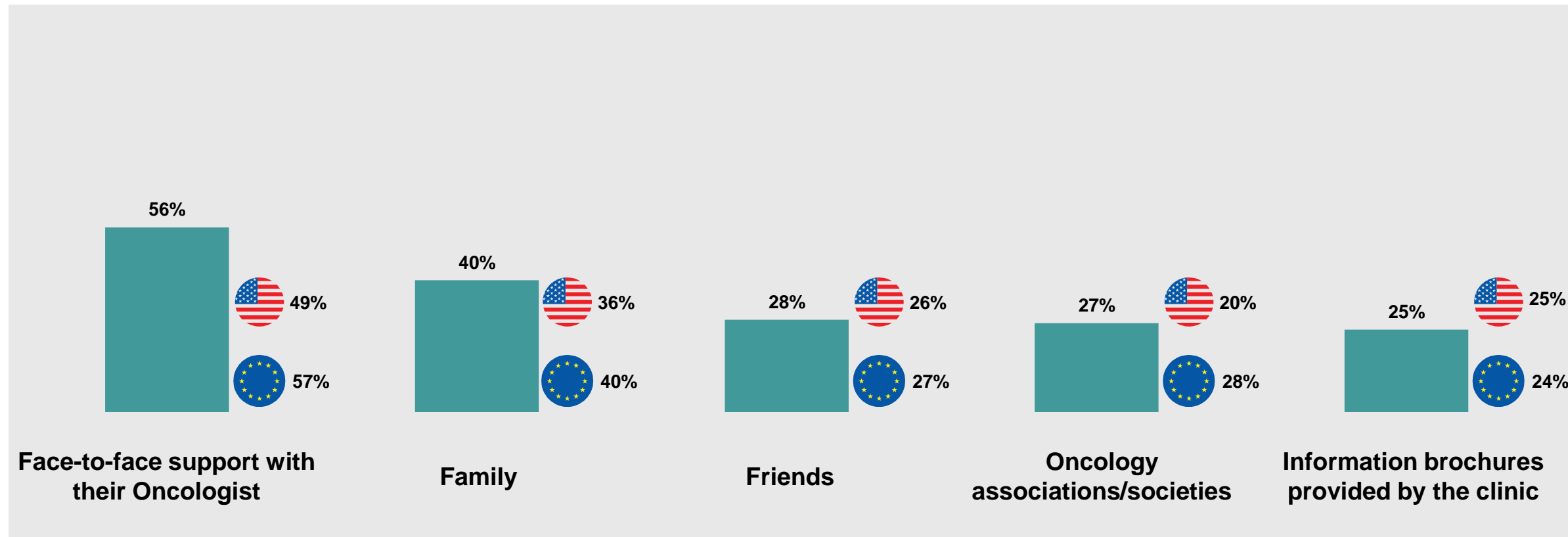
US/EU Notable differences tested at a 95% confidence level



# Support with their oncologist is the most useful source of information for NSCLC patients with brain metastases

## Top 5 most useful sources of information for NSCLC patients with brain metastases

### Ranked 1-5



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

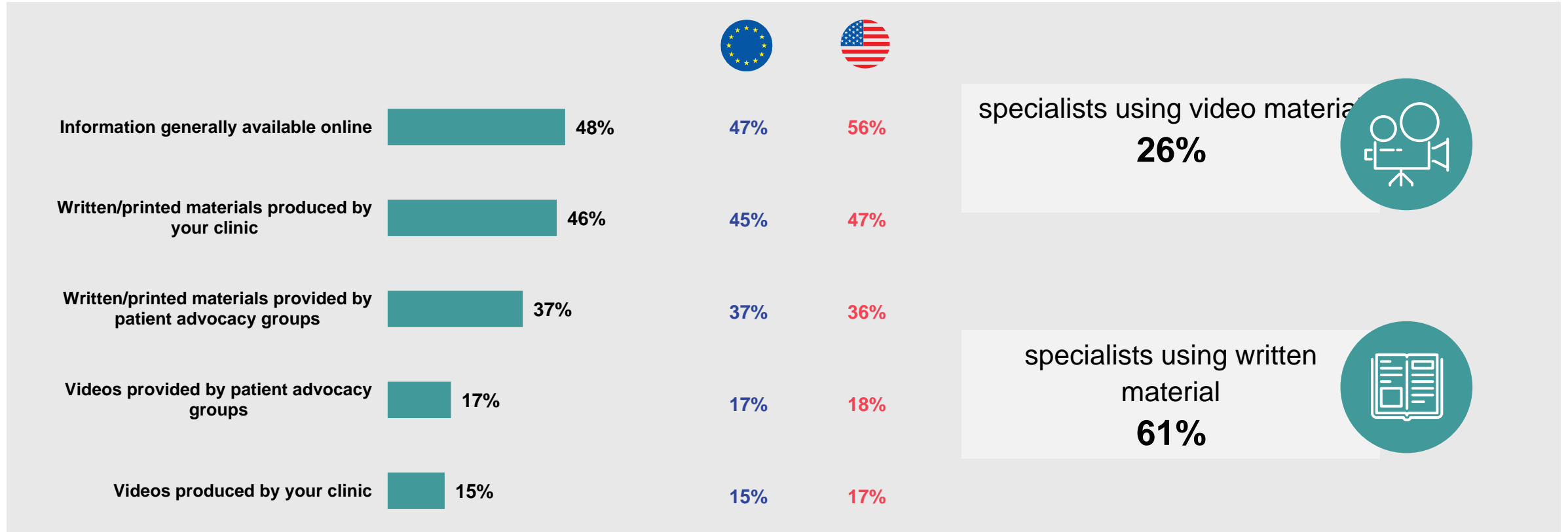
I3 Which of the following sources, if any, do you think your NSCLC patients with brain metastases (and/ or their caregivers) find most useful in accessing information about their condition?





# Top materials at physicians disposal is information generally available online (48%)

## Top 5 information and materials available at disposal for NSCLC patients with brain metastases Mean % of patients experience



Base: All Respondents Total (n=350), EU (n=250), US (n=100)

14 What, if any, information and materials do you have at your disposal to offer your NSCLC patients with brain metastases.

▲ ▼ Notable differences vs Global tested at a 95% confidence level

US/EU Notable differences tested at a 95% confidence level



# THANK YOU.

**Emma  
Middleton**

Details:  
[emma.middleton@ipsos.com](mailto:emma.middleton@ipsos.com)

**Jemma  
Reast**

Details:  
[jemma.reast@ipsos.com](mailto:jemma.reast@ipsos.com)