

Supplementary table 1. English translation of the original Dutch survey

Healthcare professional profile		
<i>Question</i>		<i>Answer (open or closed)</i>
1	What is your gender?	○ Male ○ Female ○ Non-binary ○ Other, namely
2	What is your age?	
3	What is your specialty?	○ Neurologist ○ Neurosurgeon ○ Oncologist ○ Radiotherapist ○ Nurse ○ Nurse specialist ○ Rehabilitation physician ○ Physiotherapist ○ (Neuro)psychologist ○ Other, namely:
4	How many years have you been working in this specialty?	
5	In which center do you work?	

Current care of glioma patients		
<i>Question</i>		<i>Answer (open or closed)</i>
6	Do you ever receive questions from patients regarding physical activity/exercise/sports/fitness?	Never – rarely – sometimes – often – very often
7	What kind of questions do you receive?	
8	At which stage of the disease do you mainly receive these questions?	<i>Multiple answers possible</i> ○ Before treatment ○ During treatment ○ After treatment ○ Other, namely:
9	Do you ever advise patients on your own initiative to be more physically active?	Never – rarely – sometimes – often – very often
10	If so, what kind of advice do you give?	
11	To what extent do you experience barriers in giving physical activity advice/promoting physical activity?	No barriers at all – few barriers – neutral – some barriers – many barriers
12	What barriers do you experience?	<i>Multiple answers possible</i> ○ Not feeling competent ○ Limited knowledge ○ Workload ○ Not part of routine ○ Time ○ Availability of informative material

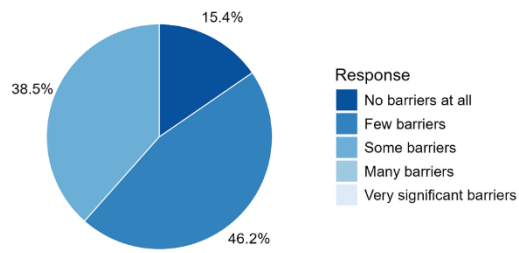
		○ Not convinced by the literature ○ Not convinced of the relevance ○ Not a priority ○ Limited referral options ○ Other, namely:
13	What is needed to remove these barriers? In other words, what support or resources would you need to be able to give physical activity advice?	
14	Would you like additional training or support to promote physical activity in glioma patients? For example, education or supporting materials.	Strongly agree – agree – neutral – disagree – strongly disagree
15	In your opinion, how and when should physical activity best be integrated into the care plan for glioma patients?	

Physical activity in glioma patients		
Question		Answer (open or closed)
16	What do you think are the potential benefits of physical activity for patients with glioma?	
17	And what are the potential disadvantages?	
18	Do you think physical activity can help reduce symptoms (such as fatigue, pain, anxiety, etc.)?	Strongly agree – agree – neutral – disagree – strongly disagree
19	Do you think physical activity can help improve quality of life?	Strongly agree – agree – neutral – disagree – strongly disagree
20	To what extent do you consider physical activity safe for glioma patients? Can you elaborate on your answer?	
21	Do you think there is sufficient evidence for the effectiveness of physical activity for glioma patients?	Strongly agree – agree – neutral – disagree – strongly disagree
22	Would you recommend physical activity as part of the care for glioma patients?	Strongly agree – agree – neutral – disagree – strongly disagree

Physical activity guidelines		
Question		Answer (open or closed)
23	Are you familiar with the general physical activity guidelines (for the general population)?	○ Yes ○ No
24	Would you like to have a physical activity guideline specifically for glioma patients?	○ Yes ○ No
25	What do you do yourself in terms of physical activity in a week? In what form and how often?	

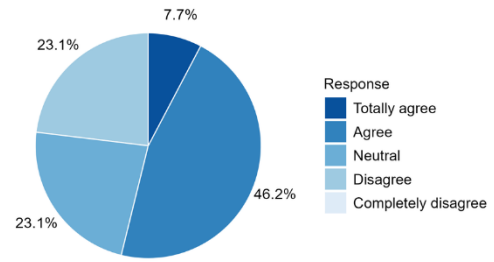
A

To what extent do you experience barriers in promoting PA?



B

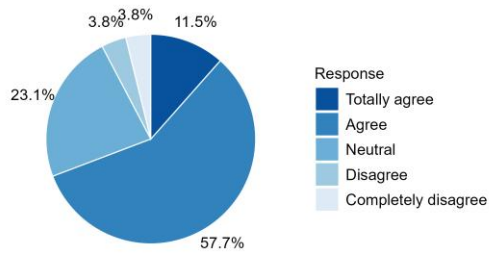
Would you need support to be able to promote PA?



Supplementary figure 1. (A) Perceived barriers among healthcare professionals who rarely or sometimes provide proactive physical activity advice (N=13). (B) Perceived need for additional training or support in the same group.

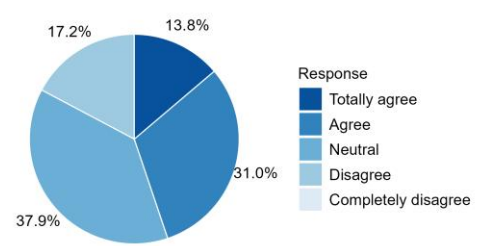
A

Would you need support to be able to promote PA?



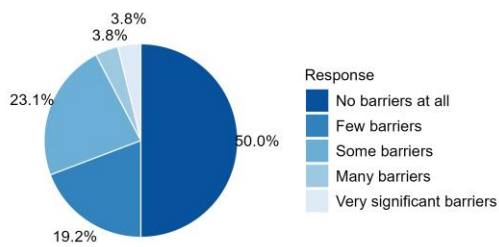
B

Would you need support to be able to promote PA?



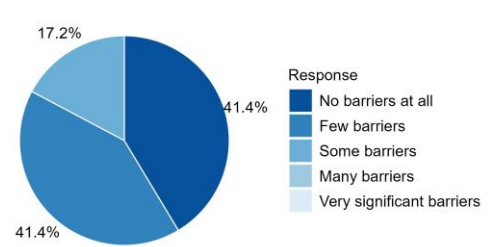
C

To what extent do you experience barriers in promoting PA?



D

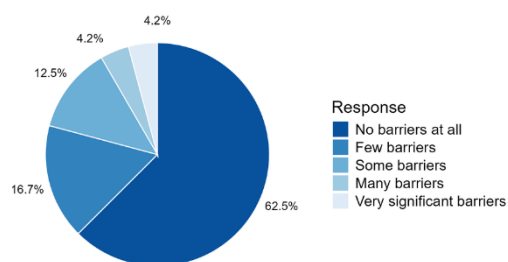
To what extent do you experience barriers in promoting PA?



Supplementary figure 2. Perceived need for additional training or support to promote physical activity among healthcare professionals with more than 10 years of experience (N = 26; **A**) and 10 years or less (N = 29; **B**). Perceived barriers to promoting physical activity among healthcare professionals with more than 10 years of experience (N = 26; **C**) and 10 years or less (N = 29; **D**).

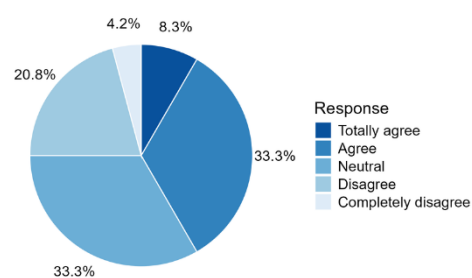
A

To what extent do you experience barriers in promoting PA?



B

Would you need support to be able to promote PA?



Supplementary figure 3. (A) Perceived barriers among healthcare professionals who indicated no need for specific guidelines for glioma patients. (B) Perceived need for additional training or support in the same group.