

**Supplementary Table 2.** Responses of chief residents

Questionnaires	Percentage (%)
1. Is there a part you are currently interested in? If so, what is it? (37 responders)	
Cerebrovascular	27.0
Spine	56.8
Brain tumor	8.1
Functional	0.0
Pediatrics	0.0
None	8.1
1-2. Why didn't you choose a brain tumor specialty? (multiple selection possible) (33 responders)	
Philosophical difficulty of field	45.5
Low opportunity of faculty or staff	75.8
Low income	54.5
Low possibility of future growth	3.0
Few cases of brain tumor	6.1
Work overload	12.1
Relationship of senior faculty	0.0
1-3. What would you like to improve about if you major in brain tumors? (multiple selection possible) (33 responders)	
High income	63.6
Steady job of faculty or staff	66.7
Change attitude of seniors	6.1
Increasing surgery cases of brain tumor	27.3
Steady job in private or secondary hospital	45.5
2. What is your preferred work style? (36 responders)	
Tertiary hospital	66.7
Secondary hospital	66.7
Private hospital	25.0
Etc.	2.8
3. Is there a reason you chose your major? (multiple selection possible) (36 responders)	
Interest of field	77.8
High income	44.4
Opportunity of steady job	50.0
Recommendation of seniors	16.7
Etc.	8.3
4. Are you considering majoring in brain tumor? (36 responders)	
Yes	19.4
No	41.7
It used to be	38.9
5. How many brain tumor surgeries do you assist with per week? (36 responders)	
0-1	55.6
2-3	33.3
4-5	8.3
Over 6	2.8

Supplementary Table 2. Continued

Questionnaires	Percentage (%)
6. How many total times have you experienced craniotomies for brain tumor surgery under the guidance of a specialist? (36 responders)	
0-2	36.1
3-5	25.0
6-10	11.1
Over 11	27.8
7. Do you think the atmosphere of the brain tumor part is better than other parts? (36 responders)	
Yes	41.7
No	0.0
Similar	47.2
Unknown	11.1
8. What do you think about the working conditions of brain tumor professors at the hospital where you work? (select 1) (36 responders)	
Excellent	30.6
Good	47.2
Poor	22.2
Unknown	0.0