

Online Survey for Situation of Spine Endoscopic Education



If you have any questions about the questionnaire, please do not hesitate to contact us.

1.**What is your age? ** *

2.**What is your gender?** *

☐ Male

☐ Female

3.**Were you trained from orthopedic side or neurosurgery side ?** *

☐ Orthopedic

☐ Neurosurgery

4.**What is your title?** *

☐ Resident

☐ Attending

☐ Deputy Chief/Associated Professor

☐ Chief/Professor

5.**Are you specialized in spine surgery now?** *

☐ Yes

☐ No

6.**Is Minimally Invasive Spine Surgery (MISS) your subspecialty?** * *

☐ Yes

☐ No

7.**What sort of MISS technique you most frequently use in your practice?** * *

☐ Endoscope

☐ Microscope

☐ MED

8.**How long have you been practicing on endoscopic surgery?** * *

☐ < 3y

☐ 3-5y

☐ 5-10y

☐ > 10y

9.**How many cases have you already been done for endoscopic surgery?** * *

☐ < 100

☐ 100-500

☐ 500-1000

☐ > 1000

10.**How long does it usually take for you to finish a one-level lumbar decompression? (min)** * *

☐ < 30

☐ 30-60

☐ 60-90

☐ > 90

11.**What the number of surgeries do you think is necessary for a spine endoscopic surgeon to become proficient?** * *

- ☐ 50
- ☐ 100
- ☐ 300
- ☐ 500
- ☐ 1000

12.**What aspect do you regard as the most difficult part to master endoscopic technique?** * *

- ☐ Hand-eye coordination
- ☐ Novel instruments adaption
- ☐ Disparate surgical view

13.**What sort of training method do you think is the most helpful to facilitate spine endoscopic surgeon of younger generation to improve?** * *

- ☐ Online or offline theoretical courses
- ☐ Frequently participating in surgeries as an assistant
- ☐ Acquiring the opportunities during surgeries
- ☐ Operating on simulation models or cadaver courses

