# Data Sharing Statement

| Item | Question | Authors’ Response (place “-” if not applicable) |
|------|----------|--------------------------------------------------|
| 1    | Would you like to share data collected for your study to others? | Yes |
| 2    | If not, would you like to share the reason for your decision? | - |
| 3    | What data in particular will be shared? | The novel method used to establish the 2VO+EMS rat model in particular will be shared, and we also revealed the trend in EC proliferation and indirect anastomosis formation induced and promoted by EMS surgery in the chronically ischemic brains of 2VO rats, which has seldom been provided in previous studies |
| 4    | Any other documents will be shared? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | Study protocol and statistical analysis plan will also be shared if requested. |
| 5    | When will data availability begin? | From the publication date. |
| 6    | When will data availability end? | Two years within the publication date, since the technique or survival date may be updated over time. |
| 7    | To whom will you share the data? | Neurosurgeons who are interested in studies of moyamoya disease. |
| 8    | For what type of analysis or purpose? | For analysis to improve the efficacy of indirect revascularization to moyamoya patients. |
| 9    | How or where can the data/documents be obtained? | Emails could be sent to the address below to obtain the shared data: chenchn6@mail.sysu.edu.cn |
| 10   | Any other restrictions? | We may balance the potential benefits and risks for each request and then provide the data that could be shared. |

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