

# Supplementary Material 1. Delayed rupture cases treated with flow diverter alone

| Case no. | Location        | Size    | Duration to rupture (d) | Treatment         | Clinical outcome        |
|----------|-----------------|---------|-------------------------|-------------------|-------------------------|
| 1        | IC-cavernous    | >20mm   | 6                       | coiling           | worsen(mRS 1-2)         |
| 2        | IC-cavernous    | >20mm   | 43                      | coiling           | full recovery           |
| 3        | IC-cavernous    | >20mm   | 2220                    | overlapping of FD | dead(mRS 6)             |
| 4        | IC-cavernous    | 15-20mm | 9                       | none              | dead(mRS 6)             |
| 5        | IC-cavernous    | 15-20mm | 7                       | coiling           | full recovery           |
| 6        | IC-cavernous    | 15-20mm | 14                      | coiling(TAE)      | full recovery           |
| 7        | IC-cavernous    | 15-20mm | 15                      | none              | dead(mRS 6)             |
| 8        | IC-cavernous    | 15-20mm | 5                       | coiling           | full recovery           |
| 9        | IC-cavernous    | 15-20mm | 10                      | coiling           | full recovery           |
| 10       | IC-cavernous    | 10-15mm | 30                      | coiling           | worsen(mRS 1-2)         |
| 11       | IC-cavernous    | 10-15mm | 6                       | coiling           | worsen(mRS 1-2)         |
| 12       | IC-cavernous    | 10-15mm | 68                      | coiling           | worsen(mRS 1-2)         |
| 13       | IC-cavernous    | 10-15mm | 28                      | coiling           | worsen(mRS 1-2)         |
| 14       | IC-cavernous    | 10-15mm | 46                      | overlapping of FD | full recovery           |
| 15       | IC-cavernous    | 10-15mm | 60                      | overlapping of FD | full recovery           |
| 16       | IC-paraclinoid  | >20mm   | 10                      | none              | dead(mRS 6)             |
| 17       | IC-paraclinoid  | 10-15mm | 30                      | none              | dead(mRS 6)             |
| 18       | IC-supraclinoid | >20mm   | 118                     | none              | dead(mRS 6)             |
| 19       | IC-supraclinoid | >20mm   | 90                      | overlapping of FD | worsen(mRS 1-2)         |
| 20       | IC-supraclinoid | 10-15mm | 355                     | overlapping of FD | full recovery           |
| 21       | IC-supraclinoid | >20mm   | 120                     | none              | dead(mRS 6)             |
| 22       | IC-top fusiform | 10-15mm | 6                       | coiling           | severe sequelae(mRS3-5) |
| 23       | BA              | >20mm   | 10                      | none              | dead(mRS 6)             |
| 24       | BA              | >20mm   | 1                       | none              | dead(mRS 6)             |
| 25       | BA              | >20mm   | 60                      | none              | dead(mRS 6)             |
| 26       | BA              | >20mm   | 2                       | none              | dead(mRS 6)             |
| 27       | BA              | <10mm   | 330                     | none              | dead(mRS 6)             |