**Supplemental Table 5: Histopathology analysis of lumbar spinal cord of female rats in the ADY-TX2 study**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | DAY 3, Females | | | | | | | | DAY 30, Females | | | | | | | |
|  | 0 mg | | 1.6 mg | | 2.7 mg | | 3.3 mg | | 0 mg | | 1.6 mg | | 2.7 mg | | 3.3 mg | |
|  | INC | AVG SEV | INC | AVG SEV | INC | AVG SEV | INC | AVG SEV | INC | AVG SEV | INC | AVG SEV | INC | AVG SEV | INC | AVG SEV |
| H&E examined | 8 |  | 8 |  | 8 |  | 8 |  | 8 |  | 8 |  | 8 |  | 8 |  |
| GFAP examined | 8 |  | 8 |  | 8 |  | 8 |  | 8 |  | 8 |  | 8 |  | 8 |  |
| Normal | 4 |  | 0 |  | 1 |  | 3 |  | 0 |  | 2 |  | 2 |  | 4 |  |
| CT, present | 4 | 0 | 8 | 0 | 7 | 0 | 5 | 0 | 7 | 0 | 5 | 0 | 6 | 0 | 4 | 0 |
| CT, compression | 4 | 0.75 | 8 | 1.5 | 7 | 1.63 | 5 | 1.38 | 7 | 1 | 5 | 1 | 6 | 0.88 | 4 | 0.63 |
| CT, fibrosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.25 | 1 | 0.38 | 0 | 0 |
| CT, spinal cord, nerve fiber degeneration | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.38 | 2 | 0.63 | 0 | 0 | 0 | 0 |
| CT, spinal cord, hemosiderin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.38 | 0 | 0 | 0 | 0 |
| CT, spinal cord, necrosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CT, inflammation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.38 | 0 | 0 |
| CT, inflammation, % mononuclear cells | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 0 | 0 |
| CT, inflammation, % neutrophils | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2.5 | 0 | 0 |
| Meninges, infiltrates | 0 | 0 | 1 | 0.25 | 2 | 0.5 | 0 | 0 | 1 | 0.25 | 0 | 0 | 2 | 0.5 | 0 | 0 |
| Meninges, infiltrates, % mononuclear cells | 0 | 0 | 1 | 10 | 2 | 25 | 0 | 0 | 1 | 12.5 | 0 | 0 | 2 | 23.75 | 0 | 0 |
| Meninges, infiltrates, % neutrophils | 0 | 0 | 1 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1.25 | 0 | 0 |
| SC, nerve fiber degeneration, dorsal tracts | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.38 | 0 | 0 | 1 | 0.25 | 1 | 0.5 | 0 | 0 |
| SC, nerve fiber degeneration, ventral tracts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.13 | 1 | 0.38 | 0 | 0 | 1 | 0.25 |
| SC, nerve fiber degeneration, lateral tracts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gray matter, infiltrates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SNR&G, nerve fiber degeneration | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hemorrhage | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

H&E = Hematoxylin and Eosin, GFAP = SC= spinal cord, CT= catheter, SNR = spinal nerve root, INC = incidence (number of animals per group showing the specified observation), AVG SEV = average severity.