*animal* journal

**Prevalence of an Inflammation and Necrosis Syndrome in suckling piglets**

G. Reiner, M. Lechner, A. Eisenack, K. Kallenbach, K. Rau, S. Müller and J. Fink-Gremmels

Supplementary Table S1: Effect of degree of tail docking on percentage of piglets per litter affected by tail necrosis. Data to Figure 2. Data show percentiles for the percentage of affected piglets per litter.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Reduction of tail length by docking | | |
| Percentile | - 1/2 | - 1/3 | 0 |
| 5% | 0 | 0 | 0 |
| 25% | 0 | 0 | 8.9 |
| Median | 0 | 8.7 | 26.1 |
| 75% | 8.3 | 25.0 | 75.0 |
| 95% | 17.7 | 54.3 |  |

Supplementary Table S2: Effect of the age of piglets on the percentage of animals per litter, affected by inflammation of the heels and coronary bands and inflammation/necrosis of the tail. Data to Figure 3.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Heels | | Coronary | | Tail | |
| Age (days) | N | Mean | SD | Mean | SD | Mean | SD |
| 1 | 23 | 63.6 | 23.0 | 36.4 | 14.3 | 56.0 | 11.2 |
| 2 | 53 | 51.0 | 32.2 | 25.9 | 15.3 | 1.7 | 10.3 |
| 3 | 604 | 78.3 | 31.2 | 47.6 | 4.3 | 11.9 | 4.6 |
| 4 | 999 | 82.7 | 30.0 | 49.0 | 2.6 | 14.4 | 3.5 |
| 5 | 1246 | 73.4 | 26.1 | 55.8 | 3.0 | 9.3 | 3.0 |
| 6 | 802 | 82.2 | 28.6 | 53.0 | 3.5 | 11.3 | 3.4 |
| 7 | 413 | 66.6 | 29.7 | 51.1 | 6.3 | 12.4 | 5.3 |
| 8 | 231 | 51.3 | 33.6 | 33.0 | 8.2 | 14.9 | 7.9 |
| 9 | 101 | 37.2 | 11.4 | 32.5 | 10.1 | 17.6 | 16.8 |
| 10 | 98 | 57.5 | 15.6 | 15.3 | 6.8 | 3.9 | 4.0 |
| 11 | 42 | 34.8 | 9.7 | 18.4 | 4.5 | 3.0 | 9.0 |
| 12 | 30 | 19.5 | 7.3 | 16.1 | 4.7 | 10.1 | 5.6 |

SD: standard error. N: number of piglets.

Supplementary Table S3: Effect of the piglets’ age on the percentage of piglets per litter. affected by inflammation/necrosis of teats. umbilicus. vulva and ear base and by inflammation/injuries of the face. Data to Figure 4.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Teats | | Umbilicus | | Vulva | | Ear base | | Face | |
| Age (days) | Mean | SD | Mean | SD | Mean | SD | Mean | SD | Mean | SD |
| 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 3.3 | 3.3 | 6.2 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 2.9 |
| 3 | 6.2 | 1.8 | 2.1 | 1.1 | 1.3 | 0.6 | 0.5 | 0.3 | 9.6 | 2.2 |
| 4 | 6.5 | 1.3 | 7.6 | 2.3 | 0.1 | 0.1 | 0.6 | 0.4 | 21.6 | 2.7 |
| 5 | 4.2 | 1.1 | 4.6 | 1.6 | 0.2 | 0.2 | 0.5 | 0.4 | 21.6 | 2.7 |
| 6 | 5.7 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.8 | 0.4 | 22.7 | 3.2 |
| 7 | 2.1 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.3 | 4.0 |
| 8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.2 | 6.2 |
| 9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 | 4.5 |
| 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 3.3 |