



Corrigendum to “Effect of oxytocin added into sperm on artificial insemination in sheep” published in Arch. Anim. Breed., 66, 61–69, 2023

Çağrı Kandemir

Department of Animal Science, Faculty of Agriculture, Ege University, 35000, Izmir, Türkiye

Correspondence: Çağrı Kandemir (cagri.kandemir@ege.edu.tr)

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There is an error in Tables 2 and 3 of the published paper. The ratios based on the number of lambs have been updated. The corrected versions of Tables 2 and 3 can be found below.

Table 2. Reproductive performance values of sperm fluids containing oxytocin and no oxytocin.

| Reproductive characteristics | No Oxytocin | Oxytocin | Total | <i>p</i> value |
|------------------------------|----------------------------|----------------------------|------------------|----------------|
| Pregnancy rate (%) | 76.81 (53/69) ^b | 90.56 (48/53) ^a | 82.77 (101/122) | 0.046 |
| Multiple birth rates (%) | 47.17 (25/53) | 37.50 (18/48) | 42.57 (43/101) | 0.416 |
| Lambing rate (%) | 100.00 (53/53) | 100.00 (48/48) | 100.00 (101/101) | 1.000 |
| Number of lambs | | | | |
| Single (%) | 35.90 (28/78) | 45.45 (30/66) | 40.28 (58/144) | 0.368 |
| Twin (%) | 64.10 (50/78) | 54.55 (36/66) | 59.72 (86/144) | 0.368 |
| Litter size (%) | 1.47 (78/53) | 1.38 (66/48) | 1.43(144/101) | 0.426 |
| Female lamb rate (%) | 48.71 (38/78) | 48.48 (32/66) | 48.61 (70/144) | 0.482 |
| Male lamb rate (%) | 51.28 (40/78) | 51.52 (34/66) | 51.39 (74/144) | 0.482 |
| Birth weight | | | | |
| Single (%) | 4.49 ± 0.34 | 4.45 ± 0.48 | 4.47 ± 0.38 | 0.462 |
| Twin (%) | 3.78 ± 0.48 | 3.74 ± 0.34 | 3.76 ± 0.29 | 0.462 |
| Period of gestation | 150.6 ± 1.16 | 150.1 ± 1.82 | 150.3 ± 1.57 | 0.960 |

^{a,b} The difference between values with different letters in the same row is significant at the *p* value.

Table 3. Values of factors affecting insemination results.

| | Non-pregnant | Pregnant | <i>p</i> value |
|---------------------------|---------------|----------------------------|----------------|
| Vaginal mucus | | | |
| Few | 12.24 (12/98) | 87.76 (86/98) ^a | < 0.001 |
| Middle | 26.32 (5/19) | 73.68 (14/19) ^b | |
| Numerous | 80.00 (4/5) | 20.00 (1/5) ^c | |
| Insemination depth | | | |
| Anterior of the cervix | 25.00 (2/8) | 75.00 (6/8) | 0.830 |
| Intracervix-1 | 16.47 (14/85) | 83.53 (71/85) | |
| Intracervix-2 | 17.24 (5/29) | 82.76 (24/29) | |
| Reflux of semen | | | |
| Backfire | 17.64 (12/68) | 82.36 (56/68) | 0.887 |
| Recoilless | 16.67 (9/54) | 83.33 (45/54) | |

^{a,b,c} The difference between values with different letters in the same row is significant at the *p* value.