**Supplementary Material Table S1.** Mortality in animals at Al Wusta Sanctuary of the Sultanate of Oman, from January 8th to February 4th 2025. Out of 669 presents in the sanctuary at the beginning of the outbreak (January 1st, 2025) (M 312; F 345; Calves 12) subdivided in 4 herds (in 1 only males 163; in 2 M 53 F 171 C 8; in 3 M 46 F 144 C 4 in 4 M 50 F 30), a total of 226 (33.78%) dead oryx were reported (images of ear tag numbers available for most of animals). In the same period were reported also deaths in 4 reems and 1 blackbuck.

| Animal (ear tag number) | Gender | Vaccine | Note |
|---|---|---|---|
| 0002 | F | No | |
| 0005 | F | No | |
| 0026 | | No | |
| 0029 | F | No | |
| 0045 | F | No | |
| 0087 | F | No | |
| 0091 | F | No | |
| 0095 | | No | |
| 0097 | F | No | |
| 0099 | F | NO | M3 |
| 07 | F | NO | 21/01/25 M2 |
| 028 | M | 0028 Yes Enterotoxaemia, FMD | Adult L- yellow (y) M1 |
| 029 | F | NO | Adult R-y M2 |
| 0100 | M | Yes Other | Not protected for FMD |
| 0104 | | No | |
| 0107 | F | No | |
| 0114 | F | No | 316 L-y old |
| 0119 | F | No | |
| 0133 | F | No | old |
| 0134 | F | No | old |
| 0137 | F | No | |
| 0150 | F | No | |
| 0153 | M | Yes Enterotoxaemia, FMD | 11/01/25 Old L-y M3 |
| 0162 | M | Yes Enterotoxaemia, FMD | |
| 0174 | M | Yes Enterotoxaemia, FMD | |

| | | | |
|---|---|---|---|
| 0191 | F | No | |
| 0193 | F | No | |
| 0194 | F | No | |
| 0196 | F | NO | Adult R-y M2 |
| 0231 | M | Yes Enterotoxaemia, FMD | |
| 0237 | M | No | |
| 0242 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 0244 | F | No | |
| 0249 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | Clinical disease (seak, isolate, loss of activity) |
| 0280 | M | Yes Enterotoxaemia, FMD | |
| 0281 | F | No | |
| 0283 | M | Yes Enterotoxaemia, FMD | |
| 0290 | | No | |
| 0294 | | No | |
| 0301 | M | Yes Enterotoxaemia, FMD | |
| 0304 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 0332 | | No | |
| 0334 | | No | |
| 0339 | M | Yes Enterotoxaemia, FMD | |
| 0342 | F | No | |
| 0346 | M | Yes Other | Not protected for FMD Therapy |
| 0347 | F | No | |
| 0364 | F | No | Old |
| 0365 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 0400 | F | No | |
| 0410 | F | No | Therapy |
| 0423 | M | Yes Enterotoxaemia, FMD | |

| | | | |
|---|---|---|---|
| 0424 | F | No | |
| 0425 | | No | |
| 0428 | F | No | Clinical disease (very weak, dystocia) |
| 0433 | F | No | |
| 0437 | M | Yes Enterotoxaemia, FMD | |
| 0442 | M | Yes Enterotoxaemia, FMD | |
| 0443 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 0447 | F | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | SAMPLED (447 F vaccinated) 15/1/25 |
| 0453 | F | No | |
| 0461 | F | No | |
| 0464 | F | Yes Enterotoxaemia, FMD | SAMPLED (464 F vaccinated) 15/1/25 |
| 0465 | M | Yes Enterotoxaemia, FMD | |
| 0468 | M | Yes Enterotoxaemia, FMD | |
| 0469 | | No | |
| 0472 | F | No | |
| 0473 | F | No | |
| 0476 | F | No | |
| 0496 | F | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | M3 |
| 0499 | M | Yes Enterotoxaemia, FMD | |
| 0500 | F | Yes Enterotoxaemia, FMD | SAMPLED (500 F vaccinated) |
| 0520 | F | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 0530 | F | No | |
| 0534 | M | No | |
| 0536 | M | Yes Enterotoxaemia, FMD | |
| 0590 | F | No | |
| 0593 | F | No | |

| | | | |
|---|---|---|---|
| 0605 | | No | |
| 0659 | F | No | |
| 0660 | F | No | |
| 0661 | F | No | |
| 0667 | F | No | |
| 0668 | M | Yes Enterotoxaemia, FMD | Therapy |
| 0674 | | No | |
| 0686 | F | No | |
| 0688 | | No | |
| 0691 | F | No | Therapy |
| 0709 | M | Yes Enterotoxaemia, FMD | |
| 0711 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 0713 | M | Yes Other | Not protected for FMD |
| 0714 | | No | |
| 0715 | F | No | Old |
| 0718 | | No | |
| 0726 | M | Enterotoxaemia | Not protected for FMD Adult L -y M1 |
| 0730 | F | No | |
| 0733 | M | Yes Enterotoxaemia, FMD | |
| 0741 | F | No | |
| 0744 | F | No | |
| 0748 | F | No | |
| 0752 | F | No | |
| 0758 | F | No | Therapy |
| 0759 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 0762 | | No | |
| 0767 | M | Yes Enterotoxaemia, FMD | |
| 0770 | F | | |
| 0772 | F | No | Therapy |

| | | | |
|---|---|---|---|
| 0777 | M | Yes Enterotoxaemia, FMD | Therapy |
| 0788 | F | No | |
| 0803 | F | No | |
| 0804 | F | No | |
| 0903 | M | Yes Other | Not protected for FMD |
| 0904 | | No | |
| 0905 | M | Yes Enterotoxaemia, FMD | |
| 0907 | M | Yes Enterotoxaemia, FMD | |
| 0909 | F | No | |
| 0912 | F | No | Therapy |
| 0915 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 0916 | | No | |
| 0924 | | No | |
| 0925 | | No | |
| 0926 | F | No | |
| 0929 | | No | |
| 0932 | F | No | Therapy |
| 0934 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 0936 | F | Enterotoxaemia | Not protected for FMD Adult R-y M3 |
| 0939 | F | No | therapy |
| 0942 | | No | |
| 0947 | F | No | |
| 0949 | M | Yes Enterotoxaemia, FMD | |
| 0950 | M | Yes Enterotoxaemia, FMD | |
| 0965 | M | Yes Enterotoxaemia | Not protected for FMD |
| 0969 | F | No | |
| 0973 | F | No | |
| 0984 | F | No | |
| 0994 | F | No | SAMPLED |

| | | | |
|---|---|---|---|
| 0998 | F | No | |
| 3 | F | No | (mounsa) SAMPLED |
| 23 | | No | |
| 38 | | No | |
| 46 | F | No | |
| 53 | F | Yes Enterotoxaemia, FMD | |
| 68 | F | Yes Enterotoxaemia, FMD | |
| 70 | M | Yes Enterotoxaemia, FMD | |
| 72 | F | Yes Enterotoxaemia, FMD | |
| 76 | F | Yes Enterotoxaemia, FMD | |
| 88 | M | Yes Enterotoxaemia, FMD | |
| 96 | M | Yes Enterotoxaemia, FMD | |
| 100 | F | No | |
| 103 | M | No | |
| 106 | M | Yes Enterotoxaemia, FMD | Sub-adult L106/y M1 |
| 115 | M | Yes Enterotoxaemia, FMD | |
| 120 | F | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 127 | M | Yes Enterotoxaemia, FMD | 33127 M1 |
| 128 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 129 | F | Yes Enterotoxaemia, FMD | |
| 139 | F | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | Adult R-y M3 |
| 160 | F | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 161 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 170 | M | Yes Enterotoxaemia, FMD | |
| 172 | F | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | 16/1/25 |
| 173 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 175 | M | Yes Enterotoxaemia, FMD | L-y |

| | | | |
|---|---|---|---|
| 181 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 184 | M | Yes Enterotoxaemia, FMD | |
| 203 | | No | |
| 237 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 240 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | Therapy |
| 243 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 245 | F | Yes Enterotoxaemia, FMD | SAMPLED |
| 280 | M | Yes Enterotoxaemia, FMD | |
| 302 | F | Yes Enterotoxaemia, FMD | M3 |
| 305 | M | Yes Enterotoxaemia, FMD | |
| 306 | M | Yes Enterotoxaemia, FMD | |
| 308 | M | Yes Enterotoxaemia, FMD | |
| 311 | M | Yes Enterotoxaemia, FMD | |
| 312 | M | Yes Enterotoxaemia, FMD | |
| 314 | M | Yes Enterotoxaemia, FMD | Old Sp L-y |
| 315 | M | Yes Enterotoxaemia, FMD | |
| 316 | M | Yes Enterotoxaemia, FMD | |
| 317 | M | Yes Enterotoxaemia | Not protected for FMD |
| 322 | F | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 334 | F | Yes Enterotoxaemia, FMD | |
| 335 | M | Yes Enterotoxaemia, FMD | |
| 338 | M | Yes Enterotoxaemia, FMD | |
| 349 | F | No | |
| 352 | M | Yes Enterotoxaemia, FMD | |
| 387 | M | Yes Enterotoxaemia, FMD | |
| 400 | F | Yes Enterotoxaemia, FMD | SAMPLED |
| 410 | F | Yes Enterotoxaemia, FMD | L-410/orange |

| | | | |
|---|---|---|---|
| 429 | F | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 450 | F | No | Therapy |
| 469 | F | No | |
| 473 | F | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | M4 |
| 488 | M | Yes Enterotoxaemia, Hemorrhagic septicemia, FMD | |
| 760 | F | NO | M4 |
| 971 | | No | |
| 1000 | M | Yes Enterotoxaemia, FMD | |
| 7660 | F | No | |
| 9042 | F | No | |
| 33199 | F | No | |
| K2000 | F | No | |
| Untagged | M | | Juvenile M3 |
| Untagged | M | | |
| Untagged | M | | |
| Untagged | M | | HP1 |
| Untagged | M | | Calf |
| Untagged | M | | Calf |
| Untagged | F | | calf |
| Untagged | F | | Calf |
| Untagged | F | | Calf |
| Untagged | F | | New kid |
| Untagged | F | | New kid |
| Untagged | F | | New kid |
| Untagged | F | | New kid |
| Untagged | F | | old |
| Untagged | F | | juvenile |
| Untagged | F | | adult |
| Untagged | F | | adult |

| | | | |
|---|---|---|---|
| Untagged | F | | adult |
| Untagged | F | | adult |
| Untagged | F | | adult |
| Untagged | F | | |
| Untagged | F | | |
| Untagged | F | | therapy |
| Untagged | F | | Calf |
| 203 (Reem) | M | No | Reem |
| 33949 (Reem) | F | No | Reem |
| Untagged (Reem) | F | | Reem |
| Untagged (Reem) | | | Reem |
| Untagged (Blackbuck) | | | Blackbuck (HP) |