Table S1. Summary of experiments with *Sarcocystis cruzi* infections in cattle performed at Beltsville.

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| --- | --- | --- | --- | --- |
| No. of sporocysts | No. of calves | Outcome of infection | Stage of *Sarcocystis* | References |
| 250,000-1,000,000 | 6 | Acute sarcocystosis, died or euthanized day 26-33 | Schizonts | Fayer and Johnson (1973) |
| 220,000-1,000,000 | 20 | Acute sarcocystosis, died or euthanized day 26-54 | Schizonts, immature sarcocysts | Fayer and Johnson (1974)**;** Johnson *et al.* (1975) |
| 200,000 | 8 | Acute sarcocystosis, chemotherapy with amprolium effective | Schizonts, immature sarcocysts | Fayer and Johnson (1975); Johnson *et al.* (1975) |
| 300,000-1,000,000 | 6 pregnant cows | Abortion, fetal mortality, acute sarcocystosis | Sarcocysts | Fayer *et al.* (1976) ; Stalheim *et al.* (1976) |
| 200,000 | 8 | Blood chemistry and serology studied | Acute | Fayer and Lunde (1977) |
| 200,000 | 3 | Pyrexia | First generation schizonts | Fayer (1977) |
| 2, 500, 000 | 1 | Acute phase | Ultrastructure of second generation schizonts | Pacheco and Fayer (1977) |
| 150,000-1,000,000 | Not stated | Acute phase | Ultrastructure ofImmature sarcocysts | Pacheco *et al.* (1978) |
| 350,000 | 1 | Vascular phase | Merozoites in blood | Fayer (1979) |
| 380,000 | 1 | Vascular phase | Transmission by blood transfusion | Fayer and Leek (1979) |
| 200,000 | 5 | Growth factors | Not studied | Fayer and Lynch (1979) |
| 200,000 | 4 | Acute sarcocystosis, pathogenesis of anemia | Not studied | Fayer and Prasse (1981)  |
| 60,000 or 120,000 | 8 pregnant cows | Acute sarcocystosis, no parasites in colostrum | Not studied | Fayer *et al.* (1982)  |
| 60,000 or 120,000 | 8 pregnant cows | Acute sarcocystosis, lower milk yield | Not studied | Fayer *et al.* (1983)  |
| 50,000-100,000 | 24 | Mild symptoms | Not studied | Fayer and Dubey (1984) |

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