Wild Tiger Health Centre Information Sheet

Disease threat: Anafilaroides rostratus (syn: Oslerus)

Hazard description: An oviviparous nematode of the felid respiratory system in the Superfamily Metastrongyloidea.

Host species: Final host species are felids, domestic and wild (bobcats in US) see (Brianti et al. 2014). Intermediate hosts are mollusc species, with the addition of paratenic hosts such as chickens and rodents.

Pathogenesis: Resides in peribronchial tissues (Brianti et al. 2014). No serious disease reports found.

Diagnosis: L1 in faeces and sputum.

Free-ranging tiger occurrence: No reports found.

Distribution: Reported from Europe, USA and Sri Lanka – likely to be more widespread than this? Consider Asia as likely positive.

Assumptions: Assume low pathogenicity.

Limitations: None.