Wild Tiger Health Centre Information Sheet

Disease threat: **Pearsonema plica**
(Syn *Capillaria plica*)

Hazard description: Fine white, bladder nematode in superfamily Trichuroidea (Taylor et al. 2007).

Host species: Reports found from canids (Magi et al. 2014; Sréter et al. 2003), mustelids (Segovia et al. 2007), and felids including wild cat (Krone et al. 2008), and Amur leopard in RFE (Zheleznova et al. 2012), but mainly a parasite of red foxes (Alić, Hodžić, et al. 2015). The life cycle is indirect: intermediate host is earthworm.

Pathogenesis: Appears to be of little clinical significance in the bladder, but reports of bladder pathology (eosinophilic cystitis) found in red foxes (Alić, Hodžić, et al. 2015).

Diagnosis: Eggs in faeces.

Free-ranging tiger occurrence: No reports found.

Distribution: Wide distribution, assume present in all tiger range states.

Assumptions: None.

Limitations: None.