

Parasite	Definitive Host / Location	Intermed. Host / Transmission	Pathology	Clinical	Diagnostic technique	Treatment	Control	Zoonotic? HOW?	
<i>Tritrichomonas foetus</i> <u>Mucoflagellate</u>	Cattle (western US)  Repro systems	None  Venereal DZ	Infection / inflammation of uterus & placenta	<u>Early Abortions</u> or appearance of infertility	Prepuce washings (trichs)  Molecular	None available	Sanitary AI  Bull surveillance	No	
<i>Toxoplasma gondii</i>  <u>Systemic Apicomplexan</u>	Cat  Intestine	<u>Paratenic: Sheep &amp; Goats</u>  <u>Ingest oocyst from cat feces</u>	In sheep & goats: Systemic – CNS (circling)  Congenital -- <b>Abortions</b>	<b>See Toxoplasma Table</b>					
<i>Neospora caninum</i>  Cattle DZ  <u>Systemic Apicomplexan</u>	Dog  Intestine  (see systemic table)	<u>Cattle -- Ingest oocyst from Canid feces</u>  Dog ingest tissue cyst in cow placenta / offal	Destruction of host cells / tissues by parasites & immune rxn.  Transgenerational infection	<b>Late abortions</b> of 1 <sup>st</sup> post-infection pregnancy  <b>Western US</b>	Cattle: immono & molecular tests	None available	DX wild canids  No offal to dogs  ? Cull seropositive cows ?	NO	
<i>Sarcocystis cruzi</i>  <u>Systemic Apicomplexan</u>	Dog  Small intestine	<u>Cattle -- Ingest sporocyst from Canid feces</u>  Dog ingest sarcocyst in cow muscle	Cattle -- Destruction of host cells / tissues by parasites & immune rxn.	Canid – None ----- Cattle: <b>Sporadic abortions</b>  Non-specific multisystem DZ	Cattle - none ----- Dog – <u>Sporocysts</u> on fecal float	Cattle -- Ineffective  ----- Dog -- None	DX wild canids  No offal to dogs	NO	

## Abortion Table