Heartworm-infected Dog

**Prevention Effective In the Tissue**
- Developing Larvae (~2 months) transmits larvae
- Mosquito bites infected dog, ingests larvae
- Larvae develop to infective stage
- Mosquito transmits larvae > Developing Larvae (2 1/2 months)

**Prevention Effective In the Tissue**
- Mature Adult (producing microfilariae) ~ 2-3 years
- Developing Adult (4-6 months)
- Mature Adult (seldom producing microfilariae) 5-7 years

**In the Bloodstream and Heart**
- Developing Larvae (~2 months) ~ 2 1/2 months
- Mature Adult (producing microfilariae) 5-7 years
- Developing Adult (4-5 months)
- Mature Adult (seldom producing microfilariae) 2-3 years

**In the Bloodstream and Heart Required**
- Bites infected dog, ingests larvae
- Mosquito bites your pet
- Larvae develop to infective stage
- Mosquito transmits larvae > Developing Larvae (2 1/2 months)