A. Healthy dogs

**Trot**

One stride = two peaks (right forelimb-left hindlimb; left forelimb-right hindlimb)

**Rotary gallop**

One stride = two major peaks (forelimbs; hindlimbs)
B. GRMD dogs

**Bound gallop**

One stride = one major peak (forelimbs; peak due to hindlimb propulsion fused in the peak due to forelimb propulsion)

**Trot**

One stride = two peaks (right forelimb-left hindlimb; left forelimb-right hindlimb)

**Walk**

One stride = two major double peaks (right forelimb-left hindlimb; left forelimb-right hindlimb)