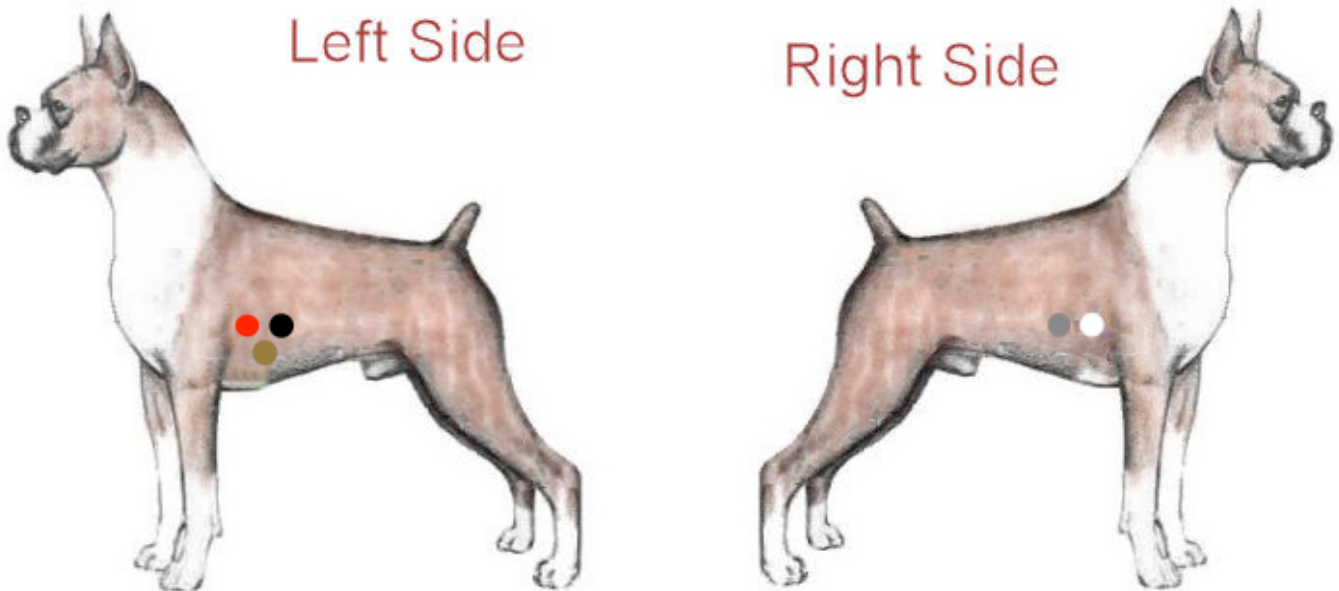


Holter Monitor Instructions – 5 Lead

Patient Prep

- Locate electrode sites by feeling for the apical beat (4th – 6th rib space).
On the left side, place the electrodes in a triangle over the apical beat, with the second electrode (the lowest) level with the costochondral junction.
On the dog's right side, place the first electrode in the 4th-5th rib space above the costochondral junction and the second in the 5th-6th rib space, level with the costochondral junction.



- For the best adhesion, clip the hair as close to the skin as possible over the electrode sites and clean the skin with alcohol to remove all oils and dirt. Allow to air dry.
TIP: Electrodes won't stick to the body where alcohol is left.
- Carefully snap leads to electrodes (leads are attached to electrodes prior to placement on dog).
- Peel off protective backing from electrodes and place one electrode on each site as instructed above. Press around adhesive collar of electrode but do not press in centre of electrode.

Applying the Recorder

- Have the dog standing, and shave both sides of the chest. The shaved areas should be located behind the elbow and should be large enough to accommodate 3 electrodes on the left side and two electrodes on the right. Electrodes should be spaced approximately ½ an inch from each other.
- Secure all electrodes to the body with tape then wrap the chest with Soffban, followed by Vetwrap, making sure the wires are all gathered and covered. The Vetwrap should be snug but not so tight that the dog has to make an effort to breathe.
- Use additional Soffban and Vetwrap to prevent the monitor from slipping backwards, by crossing in front of the dog's chest (in an X shape) and tying these crossing strips together in a knot:






- Place a harness on the patient (this will need to be fairly large to fit over the bandaging) as this will be used to secure the Holter monitor recorder.

Operation of Recorder

- After all of the electrodes and wiring are covered and the harness has been fitted, turn on the recorder by pushing any of the keypad buttons. The Rozinn logo will be displayed for a couple of seconds, and then the Patient ID entry screen will appear.

NOTE: You must have the black patient cable and electrodes connected to the Cardio Recorder. This is connected at the top of the recorder and the cable extends to the right of the device. If you have not attached this correctly a display will appear to prompt you.

- To input Patient ID scroll the numerical line using the arrow buttons:   When the Patient ID is complete, move to OK and push enter: 
- Using the arrow keys on the keypad, change the active screen until you reach the START screen. Pressing ENTER starts the recording. (We have set everything else on the recorder as a default to avoid confusion.)
- Observe the tape to verify that it is turning. Close the cover and insert recorder into protective cover.

During recording the holter will display the current time and the time remaining to record. It will automatically switch itself off after 24 hours.

- Secure the recorder to the harness (along the spine) with Elastoplast so that the display portion of the recorder is still easily seen.
- Continue to wrap another layer of Vetwrap around the dog's body incorporating the holter monitor. (You can also secure the monitor further by using Elastoplast on top of the Vetwrap, for further security if you feel this is necessary.)

For the Owner

- Keep a diary or log of the dog's activities. Note time and activity at various times throughout the day. If any significant events occur (fainting, weakness, etc.) carefully note time and duration. Try to encourage exercise while the dog is wearing the monitor and note on the log the time and duration of the exercise. Remember to send the diary with the cassette to the evaluator. The diary should include the dog's name, the date, start/finish times and activity log.

Disconnecting the Recorder

WARNING: In the event that the holter has to be removed early (before the completion of a full 24 hour ecg) an 'Early-Out Procedure' must be performed.

To initiate an 'Early-Out' hold the left arrow button:  and the ENTER button:



simultaneously.

NOTE: Failure to follow the above procedure may result in the loss of all recorded patient data.

- Unwrap the tape from around the monitor and dog. Cutting is *not* recommended, as it is extremely easy to cut a wire.
- Once the monitor is freed, release the recording head. Continue to unwrap the Vetwrap and Soffban until the electrodes are exposed. Unsnap the lead wires from the electrodes.
- Remove the electrodes from the animal. These are difficult to remove and do cause the dog some discomfort, so be gentle.

Analysis:

Send holter, electrodes and completed diary to:

Pet Emergency & Specialist Centre

Att: Richard Woolley

1103 Dandenong Road

Malvern East

Victoria 3145

and we will get back to you as soon as possible with the 24 hour ECG interpretation.