SOP No: ATT 066

SUBJECT: Equine Radiography (April 2015)

REASON FOR USE: Routine x-ray examination of the horse

POLICY: These procedures may only be performed by operators who have been educated in the correct techniques, and under the supervision of a skilled demonstrator. Administration of veterinary drugs to be performed by a registered Veterinary Surgeon.

PRECAUTIONS: A radiation use licence will be held by the lead demonstrator. Leather boots, lead aprons and lead thyroid protectors must be worn. X-ray cassette holders must be used and no cassettes are to be hand held. Children under the age of 18 or pregnant women are NOT allowed in the room.

EQUIPMENT: X-ray machine
Lead aprons
Thyroid protectors
Automatic processor
X-ray cassettes
Cassette holders
Viewing boxes
Halter & lead
Crush
Sedation of choice
18g needle and syringe

PROCEDURE:

1. Place the horse in a crush and sedate by the using intravenous injection. One person remains holding the horse while avoiding being in the primary beam of the X-ray machine.
2. All personnel in the room must wear lead protective gown and thyroid protector.
3. Position the X-ray machine and the correct exposure (as determined by exposure chart supplied) is selected.
4. Place a cassette in the holder and position in the correct place next to the horse’s limbs. The light beam collimator from the X-ray machine is used
to determine the correct placement of the X ray beam and cassette.

5. The X-ray machine is fired and the X-ray film developed in the dark room using the automatic processor.

RECOMMENDATIONS:

DATE ISSUED: 16.05.2012
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[Signature]
CHAIR OF AEC