

Pig Health – Progressive Atrophic Rhinitis

First Name:		Last Name:		
Email:			Veterinary Practice:	
Postcode:		Date:		

Please circle one answer only e.g. **A**

1. PAR in pigs is caused by
 - a. A virus
 - b. The wind
 - c. A bacterium
 - d. All of these
2. The specific cause of PAR in pigs is
 - a. Bordetella
 - b. Toxigenic Pasturella multocida
 - c. PRRS virus
 - d. Mycoplasmosis
3. Which of the following statements is true of toxigenic Pasturella multocida type D?
 - a. It causes primary pneumonia in the pig
 - b. It is the main cause of PAR
 - c. It doesn't affect pigs
 - d. No vaccine is available to prevent disease caused by it
4. For PAR to become established in the pig infection must occur
 - a. Before 8weeks of age
 - b. After 8weeks of age
 - c. In the breeding gilt
 - d. At any age
5. In the early stages of infection in an individual pig, the clinical signs of PAR are
 - a. Bleeding from the snout
 - b. Distortion of the snout
 - c. Tear staining
 - d. Sneezing & nasal discharge
6. In older pigs which of the following signs will not suggest PAR is present
 - a. Distorted snout
 - b. Bleeding from the snout
 - c. Improved appetite
 - d. Tear staining
7. Breeding gilts affected by PAR may show the which of the following features
 - a. Improved growth
 - b. Improved fertility
 - c. No effects at all
 - d. Inhibition of oestrous onset
8. In an outbreak of PAR young piglets should be treated with
 - a. Vaccine
 - b. In feed antibiotics
 - c. Fluoroquinolones
 - d. Injectable Trimethoprim sulpha or tetracyclines several times before weaning

9. Vaccination of pigs to prevent PAR is best applied
- a. To piglets at birth
 - b. As a primary course of 2 doses followed by boosters every parity for gilts and sows
 - c. As a double dose for gilts
 - d. As a one off vaccine in gilts that lasts for life
10. Which of the following routes of spread are not likely with the causative organism of PAR?
- a. Windborn spread
 - b. Movement of infected pigs
 - c. Fellmonger spread
 - d. Contaminated clothing etc