

## **DEFINITION**

Brachycephalic obstructive airway syndrome (BOAS) refers to upper airway obstruction caused by any combination of the following anatomical abnormalities:

- Stenotic nares (narrowed nostril)
- Elongated soft palate
- Everted laryngeal saccules
- Laryngeal collapse
- Nasopharyngeal turbinates
- Hypoplastic trachea (reduced trachea size). May be present but this occurs primarily in the dog

## SIGNS OF UPPER AIRWAY OBSTRUCTION INCLUDE THE FOLLOWING.

- Exercise intolerance.
- Stertorous breathing (i.e. snorting sound that often occurs with elongated soft palate)
- Snoring.
- Stridor (i.e. wheezing or high pitched whistling sound that occurs with laryngeal obstruction).
- Open mouth breathing.
- Gagging.
- Restlessness.
- Tachypnea.
- Cyanosis, (blue/purple discoloration of the skin, due to poor blood oxygenation in the lungs).
- Collapse.
- Dysphagia.
- Elevated body temperature.
- An abnormal posture, extending of head and neck to keep the airway open.

Because of their sedentary nature, clinical signs may be less obvious in cats. However, exertion or stress may exacerbate symptoms in some animals.

Another risk factor is body condition score.

- Mildly affected animals have increased upper airway noise (e.g. snoring, snorting, nasal congestion), especially with exercise or exertion.
- Severely affected animals have marked inspiratory stertor and/or stridor, cyanosis, and collapse after exercise.

## VETERINARIAN'S FORM CLINICAL ASSESSMENT OF BRACHYCEPHALIC CATS - QUESTIONNAIRE

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Owners Name:								
Address								
Contact Number								
Cats Name								
Microchip Number								
HISTORY	_							
HISTORY								
Breed (If Persian or Exotic, continue to next questions)								
Is the cats pedigree registered?								
Registration								
Number								
Association								
Age (Years/ Months)								
Weight (kg)								
Date/s previously								
assessed								
	_							
LIFE STYLE AND ACTIVITIES								
What is your cats activity level								
☐ Sedentary (sleeps most of the time								
Adequate (about the same as other cats)								
☐ Active								
☐ Very Active								
What does your cat's breathing sound like while asleep?								
☐ Very quiet (other than when purring)								
☐ Slight snoring / snorting / wheezing								
☐ Frequent snoring / snorting / wheezing								
☐ Almost continuous snoring / snorting / wheezing								

## VETERINARIAN'S FORM CLINICAL ASSESSMENT OF BRACHYCEPHALIC CATS - QUESTIONNAIRE

Does your cat sometimes stop breathing while sleeping?								
□ Yes □ No								
How often does your cat show difficulty breathing when engaged in physical activity? (Difficulty breathing could include your cat appearing very short of breath or appearing easily fatigued).								
□ Never								
□ Rarely								
☐ Monthly								
☐ Weekly								
☐ Daily								
☐ More than once per day								
Does your cat currently have breathing problems, or has he/she previously had them?								
□ Yes □ No								
Has this cat ever been airfreighted?								
□ Yes □ No								
If Yes, when								
Did the cat have problems when it was airfreighted?								
□ Yes □ No								
If yes, describe the problems								

Physical Examination Findings/History: Signs may be acute or chronic in nature. Snoring, snorting, nasal congestion, open-mouth breathing, dyspnea, decreased activity, and heat or exercise intolerance may be reported. However, pet owners may consider some of these symptoms to be normal for the breed and they may report no unusual signs

BODY SCALE									
☐ Very Thin		n	☐ Underweight	□ Ideal	☐ Overweight	☐ Obese			
7									
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					Pictures courtesy of Nes	tlé Purina PetCare Company			
Respiratory noise as assessed by the veterinarian.  1 = very quiet; 2 = periodic noise; 3 = almost continuous snoring/snorting/wheezing									
	Stertorous breathing (i.e. snorting sound that often occurs with elongated soft palate),								
	Snoring								
	Stridor (i.e	e. whe	ezing or high pitched whistling sound that occurs with laryngeal obstruction)						
If the cat has Respiratory noise please make a recording (for example with a smart phone) We recommend you record even if no noise evident Recording made:									
	Yes		No						
Breathing Difficulty as assessed by the veterinarian  1 = not evident; 2= noticeable effort; 3 = distressed breathing)									
	Gagging								
	] Tachypnea								
	Cyanosis, (blue/purple discoloration of the skin, due to poor blood oxygenation in the lungs )								
	] Collapse								
	An abnormal posture, extending of head and neck to keep the airway open								
Any recorded previous history of airway obstruction/ breathing difficulties									
	Yes		No						
Woul	ld this cat, i Yes	in your □	estimate, be suitable to a	airfreight?					
		not tra		you for further inform	nation? Please discuss thi	s with the owner			
	Yes		No	ou for further inform	iation: Tlease discuss tin	s with the owner.			
Cats Name									
Microchip Number									
Vet Signature									
Date									
Date									