



Animal Dentistry & Oral Surgery

ANESTHESIA RISK CLASSIFICATION

ARC	Description	Examples
1 Excellent	Apparently healthy • No obvious signs of disease	<ul style="list-style-type: none"> • Periodontal disease stage 1 • Periodontal disease stage 2 (focal) • Recently fractured tooth • Hip dysplasia
2 Good	Mild systemic disease • Neonatal or geriatric animals (< 8 weeks or > 10 years)	<ul style="list-style-type: none"> • Generalized perio. disease stage 2 • Small odontogenic tumors • Epistaxis • Compensated cardiac disease • Well controlled epileptic (no neuro signs) • Uncomplicated IVDD • Apical periodontitis (abscess)
3 Fair	Moderate systemic disease • Activity effected • Activity limited	<ul style="list-style-type: none"> • Periodontal disease stage 3 • Mild to moderate fever • Mitral insufficiency • Chronic cardiac disease • Mod. dehydration/hypovolemia • Controlled seizures with neuro. signs • Anorexia • Cachexia • Pneumothorax • Mild to mod. anemia • Stomatitis/mucositis • Procedures/diseases requiring major oral surgery
4 Poor	Severe systemic disease* • Constant threat to life	<ul style="list-style-type: none"> • Shock • Severe anemia • Uremia • Uncontrolled diabetes • Severe dehydration/hypovolemia • Decompensated cardiac or renal disease • High fever • Sepsis • Emaciation • Severe pulmonary disease
5 Guarded	Moribund patient* • Not expected to survive 24 hrs	<ul style="list-style-type: none"> • Multisystem failure • Severe head injury • Major trauma • Profound shock
Emergency	Emergency situation: add to ARC 1, 2, 3, 4, or 5	

*Patients should be stabilized prior to oral procedure.

Adapted from the American Society of Anesthesiologists Physical Status Classification

MINIMUM REQUIRED DIAGNOSTIC SCREENING (According to ARC)

ARC	< 4 months old	4 months to 5 years old	> 5 years
1, 2	PCV, TP, glucose	PCV, UA, BUN, ALT	CBC, UA, complete profile
3	CBC, complete profile	CBC, UA, complete profile	CBC, UA, complete profile
4, 5	CBC, UA, complete profile	CBC, UA, complete profile	CBC, UA, complete profile

Complete profile should include electrolytes.

T4: add this for all cats over 5 yrs of age.

PATIENTS WITH HEART MURMURS AND/OR ARRHYTHMIAS:

- 1) Feline patients with murmurs: all will be required to have an up-to-date cardiologist's assessment prior to anesthesia.
- 2) Canine patients with murmurs:
 - a) If > 5 years of age, patient will be required to have an up-to-date cardiologist's assessment prior to anesthesia.
 - b) If < 5 years of age, it is advised that a cardiologist's assessment be performed in advance. If this has not been done, a cardiologist will be consulted and a cardiologist's assessment may be necessary prior to anesthesia.
 - c) Patients with murmurs that are of those breeds genetically predisposed to heart disease, regardless of age, will be required to have a cardiology assessment.