

2007 BICHON FRISE BREEDERS HEALTH SURVEY
Part 4: Prevalence of Health Conditions

25 Surveys reported the number of Bichons having no health problems

Males	204
Females	221

11 surveys did not answer

Temperament Issues

Condition	1-6 mos	7-12mos	1-3 yrs	4+ yrs	No age given	Total
Aggressive	1F		4M		4F	4 M 5 F
Fearful	4M 5F	2M 1F	2F		1M 5F	7 M 13 F
Standoffish			1M	1F		1M 1F
Separation Anxiety	3F	1F	6F		5M 5F	5 M 15 F
Total Temperament						17 M 34 F 51 total

Responder Comment: many are shy or fearful but not majority

Neurological

Condition	1-6mos	7-12mos	1-5 yrs	6-10yrs	11+yrs	Old age	No age given	Total
Head Tilt	1F							1 F
Vestibular				1M	2F	1F	1M	2 M 3F
Dementia					4F	1F		5 F
Dyskinesia							1M possible	1 M
Meningitis							None reported	
Seizures	1M	1F when boarded	1M	1M	1M 1F			4 M 2 F
Meningitis							None reported	
*Granulomatous Meningoencephalitis	1M						1F	1 M 1 F
Total Neurological								8 M 11 F 19 total

*Granulomatous Meningoencephalitis, GME, occurs primarily in small breeds, 1-3yrs, but can occur outside age range, non-infectious, cause unknown.

Heart and Circulation

Condition	Birth-6mos	6-12mos	1-5yrs	6-9yrs	10-12yrs	13+	No age given	Total
Persistent murmurs	1M 1F		1M	1M 2F	2M 1F	1M	2F	6 M 6 F
Heart failure				1F	2M 2F	1M 4F		3 M 7 F
Patent Ductus Arteriosis	4 sex ?						1F	1 F 4 ?
Valve dysfunction			1F					1 F
Total Heart								9 M 15 F 4 ? 28 total

Respiratory

Condition	6-12mos	1-3yrs	3-10yrs	10-12yrs	12+yrs	No age given	Total
Tracheal collapse	1M			1F	1F	1F	1 M 3 F
Lung Cancer		1F		3F			4 F
Kartagener's						1M	1 M
PCD	8M 9F						8 M 9 F
Lung torsion				1M			1 M
Total Respiratory							11 M 16 F 27total

Skin and Coat

Condition	Birth-6mos	6-12mos	1-5yrs	6-10yrs	10+ yrs	No age given	Total
Hot spots						16M 24F	16 M 24 F
Hair loss			4M	1F			4 M 1 F
Rash and hives						5F	5 F
Itching				1M		10M 12F	11 M 12 F
Chewing and biting				1M	1M	12M 24F	14 M 24 F

Non-specific dermatitis							14M 12F	14 M 12 F
Sebaceous cysts				18M 20F	1M		1M 3F	20 M 23 F
Tumors and warts				20M 26F	1M		Many in old age	21 M 26 F
Erythema multiforma				1M sores in mouth only				1 M
*Panniculitis				1F				1 F
Cellulitis	1M puppy strangles							1 M
Pemphigus				1F following rabies shot				1 F
Severe Allergies		1M 1F						1 M 1 F
Total skin and coat								103 M 130 F 233 total

*Panniculitis, inflammatory reaction of subcutaneous fat, may involve connective tissue.

Eyes

Condition	Birth-12mos	1-2yrs	3-7yrs	8-10yrs	10-12yrs	3-11yrs	No age given	Old age	diabetes	Totals
Cataracts		1M 1F	2M 6F	2F	3M 2F	3F	8M 5F	2M 2F	2M 2F	18 M 23 F
Glacoma				1F	1F with Cushings					2F
Corneal Dystrophy		1F	2M 6F	1F	1M		1M			4 M 8 F
Retinal folds	1M 1F			2F			1M			2 M 3 F
Distichia							1M 1F			1 M 1 F
Keratitis sicca							4M	1M 6F		5 M 8 F
Tear staining			1F	1F			5M 7F			5 M 9 F
Punctate spots	1M		2F							1 M 2 F
Visually impaired	1 CNS condition							1M		2 M
Lipid Deposits		1F								
Total eyes										38 M 56 F 94

Endocrine

Condition	Birth to 6mos	1-2yrs	2-5yrs	6-9yrs	10-14	No age given	Total
Addison's	1M			1F			1 M
Cushings		1M		2M 3F	1M 2F	1M 1F	5 M 6 F
Diabetes		1M	2M	1M 2F	2M 2F	1M	7 M 4 F
Hypothyroid					1F	1M	1 M 1 F
Adrenal tumor					Removed at 14, lived to 16		1 M
Elevated Liver Enzymes					1F		1F
Total Endocrine							15 M 12 F 27 total

Ear, Nose, Throat

Condition	Birth-1yr	3-5yrs	6-9yrs	10-15yrs	Old age	No age given	Total
Chronic nasal discharge						1M 3F	1M 3 F
Ear Infections				1M 1F		5M 7F	6 M 8 F
Dental cavities	1M		12M 8F		2M 2F	3M 6F	18 M 16 F
Tooth loss begins			44M 21F		1F	1M 2F	45 M 24 F
Gingivitis	1M	23M 21F	1M 2F	3M 2F	1F		28 M 26 F
Broken teeth - chewing			2F				2 F
Cleft palate	7M 17F						7 M 17 F
Deafness				7M 17F			7 M 17 F
Total Dental							112 M 113 F 225 total

Skeletal

Condition	6wks-mid-life	14+yrs	No age given	Total
Elbow dysplasia			2M	2 M
Hip dysplasia			6M (mild) 11F (mild)	6 M 11 F
LeggPeth			1F	1 F
Patellar Luxation	37M 51F			37 M 51 F
ACL	1M		9M 23F	10 M 23 F
Arthritis		1M	11M 11F	12 M 11 F
Lumbar disk			1M 1F	1 M 1F
Shoulder Subluxated			1F	1F
Total Skeletal				68 M 99 F 167 total

Gastrointestinal

Condition	Birth-6mos	7-12mos	1-3yrs	4-8yrs	9-12yrs	13+	No age given	Totals
Pancreatitis				2F	1M	1M 1F	4M 6F *	6 M 9 F
Liver shunt	4M 5F							4 M 5 F
Microvascular shunt	1M							1 M
Hepatitis				1M 1F	1M			2 M 1 F
Chronic gastritis			2F	1M				1 M 2 F
Umbilical hernia	24M 30F							24 M 30 F
IBS			1F	1M	3F		4M	5 M 4 F
Gallbladder				1F	1F			2 F
“Touchy stomach”							3M 3F	3 M 3 F
Hemorrhagic gastroenteritis			2F					2 F
Elevated liver enzymes			2F					2 F

Enlarged liver					1F			1 F
Chronic elevated liver enzymes			1F					1 F
Helicobacter pylori			1M					1 M
Total Gastro								47 M 62 F 109 total

* One associated with reaction to Rimadyl

Kidney/Bladder

Condition	Birth-12mos	1-3yrs	4-8yrs	9-12yrs	13+	Old age	No age given	Totals
Struvite stones		2M 4F	2M 4F	3F			6M 7F	10 M 18 F
Calcium Oxalate stones	1F	2M 10F	1F	1F			2M 3F	4 M 16 F
Magnesium ammonium phosphate hexhydrate stones			1F					1F
Combo stones							1M	1 M
Frequent infections			11F			3M	1M * 8F	4 M 19 F
Kidney disease			1F w/ Cushings					1 F
Kidney failure	1M	1M 1F	1M	4F	3M 2F			6 M 7 F
Incontinence				2M 1F	1M	1M 2F	2F	4 M 5 F
Bladder Stones		1F	1M	1M	1F			2 M 2 F
Bladder polyps			1F					1F
Crystals in urine		1F						1F
Transitional cell bladder tumor				1M				1 M
Total Urinary								32 M 71 F 103 total

*Related to gingivitis with prescription pulse therapy

Hema/Blood

Condition	1-3yrs	4-6yrs	7-10yrs	11-14yrs	No age given	Total
AIHA	1M 1F	1M 4F		1F		2 M 6 F
ITP	1F	4F	2F	1M 1F	1M	2 M 8 F
Total						4 M 14F 18 total

Cancers

Condition	1-5yrs	6-9yrs	10-12yrs	13+	Total
Lymphoma	1F	1F			2 F
Mammary			2F	5F	7 F
Colon			1M		1 M
Nerve sheath				1M	1 M
Wart on ear			1M		1 M
Hemangiosarcoma		1M		1M 1F	2 M 1 F
Leukemia	1M		1F	1M 1F	2 M 2 F
Thymus gland tumor		1M			1 M
Metastatic stomach cancer			1M		1 M
Adenosarcoma				1M	1 M
Sarcoma				1M	1 M
Total Cancers					11 M 12 F 23

Reproduction

Condition	5-7yrs	No age given	Total
Absorbed/aborted		5F	5 F
Infertility		2M 2F	2 M 2 F
Uterine dystocia		7F	7 F
Poor libido		1M	1 M
Prostatitis	1M	5M	6 M
Cryptorchid		55M	55 M
Pyometra	1F		1 F
Stricture		1F	1 F
Low motility	1M		1 M
Total Reproduction			65 M 16 F 81 total

Part 5: Research Priorities

Research Priorities: 1st = 4pts, 2nd = 3pts, 3rd = 2pts, 4th = 1pt Adding values for the votes resulted in following placements for research priorities.

49 pts	Dental Disease
46 pts	Cushings Syndrome
34 pts	Cancers (no specific type)
28 pts	Portasystemic Liver Shunt
20 pts	Patent Ductus Arteriosus
18 pts	Diabetes
15 pts	(tie) Pancreatitis and Kidney Failure
13pts	Corneal Dystrophy
11 pts	(tie) Primary Ciliary Dyskinesia and Seizures
All others received less than 10 points	