

Genetic Diseases of the PBGV by George Padgett

#	Age of Onset	Disease	Mode of Inheritance	Frequency of Diseases /100	Guesstimate of gene frequency (% carriers)
1	<3 mo	Persistent Pupillary Membranes	Und	8.9/100	41.8
2	<2 yr	Hypothyroidism	R	4.1/100	32.2
3	<2 yr	Neck Pain syndrome	Und	3.8/100	31.3
4	>1 yr	Epilepsy	R/Und	3.2/100	29.6
5	<1 yr	Atopic Dermatitis	Und	3.1/100	29.5
6	<1 yr	Undershot	Poly	3.0/100	28.6
7	<1 yr	Food Allergies	Und	2.7/100	26.7
8	Varies	Cataracts	Und	2.7/100	26.7
9	<2 yr	Aseptic Meningitis (idiopathic meningitis)	Und	2.3/100	26.4
10	<1 yr	Patellar Luxation	R	2.3/100	26.4
11	<2 yr	Hip Dysplasia	Poly	2.2/100	25.2
12	=2-3 yr	Aggression	Und	2.0/100	24.1
13	<3 mo	Cryptorchidism	R/Und	2.0/100	24.1
14	6 mo	Fearfulness	Und	1.7/100	22.6
15	<6 mo	Umbilical hernia	R/Poly	1.4/100	20.8
16	<1 yr	Retinal Dysplasia (Folds)	Und	1.1/100	18.6
17	<9 yr	Bladder Stones	Und	1.1/100	18.6
18	<1 yr	Heart Murmurs (not specifically diagnosed)	Und	0.9/100	17.4
19	<7 yr	Mastosarcoma	Und	0.8/100	16.2
20	<5 mo	Missing Teeth	R/Und	0.8/100	16.2
21	<1 yr	Lens Luxation	Und	0.6/100	14.2
22	<3 yrs	Glaucoma	Und	0.6/100	14.2
23	1 yr	Elbow Dysplasia	Poly	0.6/100	14.2
24	<1 yr	Retained Deciduous	Und	0.6/100	14.2
25	Birth	Ventricular Septal Defect	Poly	0.5/100	13.1
26	<1 yr	Portocaval Shunts	Poly	0.5/100	13.1
27	<1 yr	Overshot	R/Und	0.5/100	13.1
28	=1 yr	Bloat (Gastric Torsion)	Und	0.3/100	10.2
29	Birth	Deafness (Birth)	R/Und	0.3/100	10.2
30	<4 yr	Autoimmune Hemolytic Anemia	Und	0.3/100	10.2

Genetic Diseases of the PBGV (continued)

#	Age of Onset	Disease	Mode of Inheritance	Frequency of Diseases /100	Guesstimate of gene frequency (% carriers)
32	<18 mo	Panosteitis	Und	0.3/100	10.2
33	<1 yr	Mitral Valve Defect	Und	0.2/100	8.4
34	<1 yr	Tricuspid Valve Defect	Und	0.2/100	8.4
35	Birth	Patent Ductus Arteriosus	Poly	0.2/100	8.4
36	Birth	Anasarca	R	0.2/100	8.4
37	<1 yr	Demodectic Mange	Und	0.2/100	8.4
38	<10 yr	Immune Mediated Thrombocytopenia	Und	0.2/100	8.4
39	Varies	Lupus Erythematosis	Und	0.2/100	8.4
40	<3 mo	Hydrocephalus	Poly	0.2/100	8.4
41	<4 mo	Cerebrospinal Demyelination	R	0.2/100	8.4
42	<8 mo	Spinal Muscular Atrophy	Und	0.2/100	8.4
43	Varies	Corneal Dystrophy	Und	0.2/100	8.4
44	<1 yr	Entropion	Und	0.2/100	8.4
45	Birth	Cleft Palate	Poly/Und	0.2/100	8.4
46	<5 mo	Pectus Excavatum	Und	0.2/100	8.4
47	<3 mo	Crooked Tail	Und	0.2/100	8.4
48	<1 yr	Cystinuria	R/X-R	0.2/100	8.4
49	<1 yr	Polycystic Kidneys	Und	<u>0.2/100</u>	<u>8.4</u>
				58.9	792.9