

Overall Survey Data:

516 responses

Age	Count	%
0-3 months	13	2.5%
11-15 years	70	13.6%
16 or older	1	0.2%
2 years to 5 years	175	33.9%
4-6 months	25	4.8%
6 years to 10 years	166	32.2%
7 months to 1 year	66	12.8%
Total	516	100%

Sex	Count	%
Female	223	43.2%
Male	293	56.8%
Total	516	100%

Neutered/ spayed?	Count	%
No	125	24.3%
Yes	390	75.7%
Total	515	100%

Type of ME?	Count	%
Acquired ME	113	21.9%
Congenital Idiopathic	246	47.7%
Idiopathic ME	157	30.4%
Total	516	100%

How was your dog diagnosed?	Count	%
All of the above	1	0.2%
Based on symptoms, later confirmed with X-rays	1	0.2%
Caused by thyroid found out as a ulcer burst on exit of stomach	1	0.2%
CT scan	4	0.8%
Diagnosed with addisitions me resulted	1	0.2%
Endoscopy	11	2.1%
ER clinic	1	0.2%
Fluoroscopy	3	0.6%
GEI	1	0.2%
I don't know	8	1.6%
In the setting of AP	1	0.2%
Mri scan	1	0.2%
Myasthenia Gravis Test	1	0.2%
Test at San Diego MG and X-rays	1	0.2%
ultrasound	1	0.2%
Vet assumed she had it because of her symptoms and her sister's diagnosis of x-rays with barium	1	0.2%
Vet recognized the symptoms	1	0.2%
Vet ruled out other causes of frequent regurgitation; use of Bailey chair significantly improved symptoms	1	0.2%
Vet specialist during 3 night stay with AP	1	0.2%
Vets	1	0.2%
Video fluoroscopy	1	0.2%
X-Ray: regular	263	51.0%
X-rays with barium	210	40.7%
Total	516	100%

Breeds (all dogs): see complete list at end of document

Mixed (104, ~20%)

GSD (78, ~15%)

Labrador (47, ~9%)

Goldendoodle (22, ~4%) *all doodles =28

Golden Retriever (15, ~3%)

Dachshund and Pitbulls (15, ~3%)

Great Dane (14, ~3%)

If acquired, what type of ME?	Count	%
Addison Disease	3	2.6%
Dermatomyositis	1	0.9%
Dysautonomia	1	0.9%
Esophagitis	2	1.8%
Hypothyroidism	10	8.8%
Laryngeal Paralysis	3	2.6%
Myasthenia Gravis	65	57.0%
Myasthenia Gravis - Thymoma	1	0.9%
Myasthenia Gravis, Hypothyroidism	1	0.9%
Parvo	1	0.9%
Persistent Right Aortic Arch	13	11.4%
Polyneuopathy	1	0.9%
Stricture in the esophagus	2	1.8%
Toxin - Nexguard	1	0.9%
Trauma - Dog bite	1	0.9%
Trauma - Eating plastic	1	0.9%
Unknown	6	5.3%
Vomiting	1	0.9%
Total	114	100%

Does your dog use a neck hug or inflatable e-collar	Count	%
No	290	56.2%
Yes	226	43.8%
Total	516	100%

How many times a day do you feed your dog?	Count	%
Once a day	10	1.9%
Three times or more	258	50.0%
Twice a day	248	48.1%
Total	516	100%

How long does your dog stay upright after meals?	Count	%
10 minutes or less	102	19.8%
15 to 20 munutes	146	28.3%
30 minutes	135	26.2%
45 minutes or longer	39	7.6%

I take my dog for a walk after meals	10	1.9%
My dog doesn't require upright after meals	80	15.5%
My dog is crated after meals	4	0.8%
Total	516	100%

How old was your dog when they started sildenafil?	Count	%
0-3 months	34	16.4%
11 years old or older	12	5.8%
13-23 months	23	11.1%
2 years - 5 years	48	23.2%
4-6 months	33	15.9%
6 years - 10 years	35	16.9%
7-12 months	22	10.6%
Total	207	100%

How long has your dog been on sildenafil?	Count	%
1 year - 2 years	55	27.4%
2 months - 6 months	40	19.9%
2 weeks	23	11.4%
3 weeks - 7 weeks	14	7.0%
3 years	28	13.9%
7 months - 11 months	24	11.9%
Over 4 years	17	8.5%
Total	201	100%

Do you give sildenafil orally by tablet or liquid?	Count	%
Liquid	47	22.6%
Tablet	161	77.4%
Total	208	100%

Do you feel sildenafil has helped your dog with regurgitation?	Count	%
No	34	17.2%
Yes	164	82.8%
Total	198	100%

Do you give sildenafil orally by tablet or liquid?	Has it helped?	Count	%
Liquid			
	No	9	20.5%
	Yes	35	79.5%
Tablet			
	No	23	15.1%
	Yes	129	84.9%
Total		196	100%

I feel my dog is well managed	Count	%
Agree	193	37.4%
Disagree	22	4.3%
Neutral	89	17.2%
Strongly agree	184	35.7%
Strongly disagree	28	5.4%
Total	516	100%

Have you ever had a veterinary professional tell you your dog's ME was severe?	Count	%
No	294	57.0%
Yes	222	43.0%
Total	516	100%

Have you ever had a veterinary professional tell you your dog's ME was severe?	How would you describe the severity of your dog's ME?	Count	%
No			
	Mild	101	34.4%
	Moderate	180	61.2%
	Severe	13	4.4%
Yes			
	Mild	24	10.8%
	Moderate	101	45.5%
	Severe	97	43.7%
Total		516	100%

Have you had a discussion with your vet about GEI?	Count	%
No	462	89.7%
Yes	53	10.2%
Total	515	100%

Have you ever had a veterinary professional tell you your dog's ME was severe?	Have you had a discussion with your vet about GEI?	Count	%
No			
	No	278	94.9%
	Yes	15	5.1%
Yes			
	No	184	82.9%
	Yes	38	17.1%
Total		515	100%

Has your dog ever been diagnosed with GEI ?	Count	%
No	490	95.0%
Yes	26	5.0%
Total	516	100%

At the time when symptoms began, were you aware that your dog could have GEI?	Count	%
No	22	84.6%
Yes	4	15.4%
	26	100%

Has your dog ever been diagnosed with GEI ?	How would you describe the severity of your dog's ME?	Count	%
	Mild	1	3.8%
	Moderate	9	34.6%
	Severe	16	61.5%
Total		26	100%

Dogs with GEI: Have you ever had a veterinary professional tell you your dog's ME was severe?	Count	%
No	7	26.9%
Yes	19	73.1%
	26	100%

If your dog had GEI: What Type of ME?	Count	%
Acquired ME	1	3.8%
Congenital Idiopathic ME	23	88.5%
Idiopathic ME	2	7.7%
	26	100%

If your dog had GEI, How do you identify your dog?	Count	%
Cane Corso	1	3.8%
Dachshund	1	3.8%
French bulldog	1	3.8%
German Shepherd	9	34.6%
Golden Doodle	1	3.8%
Golden Retriever	1	3.8%
Goldendoodle	1	3.8%
Great Dane	2	7.7%
Greater Swiss Mountain Dog	1	3.8%
Irish Wolfhound	1	3.8%
Labrador Retriever	1	3.8%
Mixed breed	5	19.2%
Presa Canario/English Mastiff mix	1	3.8%

If GEI: Age of Dog at time of GEI	Count	%
0-3 months	2	7.7%
1-3 years	10	38.5%
4-6 months	6	23.1%
4-6 years	5	19.2%
7-10 years	1	3.8%
7-12 months	2	7.7%
	26	100%

What, if anything, brought on the symptoms of GEI?
A lot of vomiting
Ate a small cucumber
Constant regurgitating
Don't know. I suspect she had a sliding GEI
Frequent regurgitation
Got into something, unknown
His vomit became progressively darker in color and his diarrhea had blood in it. He would not eat.
I believe Pongo got into a puddle of water when my bf was walking him. From there on he was regurgitating all night.
It was hiatus hernia and then stomach herniating into thorax
Lethargic, wouldn't move even for car ride. Tried to drink water & it came right back out.
Not sure but I believe a change in food triggered the regurge that led to it
Nothing in particular
Peracute onset of vomiting and regurgitation with increased respiratory rate and effort
Possibly relation to spaying, occurred 24 hours later
Sadly he died
Severe vomiting immediately following vaccination.
Severe/violent constant vomiting which then turned into blood
She woke up one morning and regurgated (like usual), but there was blood in it. That had never happened before.
Unknown
Vomiting blood and frothy foam
Vomiting or regurgitation during the night

Symptoms of GEI (26 responses)	Count	%
Listlessness / lethargy	15	57.7%
Vomiting or regurgitation with large amount of blood	13	50.0%
Repeat Regurge	12	46.2%
Vomiting or regurgitation with large amount of frothy foam and saliva	12	46.2%
Constant Vomiting	11	42.3%
Panting	9	34.6%
Off their food	7	26.9%
Irregular Breathing	7	26.9%
Pacing	2	7.7%
Increased Respiratory Rate/Effort	1	3.8%
Vomiting or regurgitation with small amount of blood	1	3.8%
Food would fly out of mouth when barking	1	3.8%
Stretched out - did not curl up to sleep	1	3.8%
Gulp sound - dog looked concerned	1	3.8%

How much time went by from the time you noticed the symptoms to the time you were able to be seen at
1-3 hours
4-6 hours
4-6 hrs to regular vet then another 2-4 to see emergency vet
First visit was within a couple hours second vet visit was about 24 hours with a specialist 5 hours away
He vomited blood around 6am, saw a vet at 9am that said it was irritation. Puked more blood throughout the day. Saw an ER vet at 5pm after advise from FB group. Had surgery at UTK 2 hours away at 11pm
I am a veterinary surgeon so we take her in immediately.
My dog died at home
The following day
the regular vet saw her immediately and sent her home. The ER vet saw her about 12 hours later
We saw the vet twice. The first time was an hour after the bloody regurge and the second time was six hours after that... she died during the second visit.

When you arrived at the vet's office, what diagnostics did they perform on your dog? Check all that	Count	%
X-rays	9	36.0%
X-rays, At the first visit they did nothing, I forced them to do X-rays during the second visit	1	4.0%
X-rays, CT Scan, Exploratory surgery, They sent us to a specialty hospital	1	4.0%
X-rays, Endoscopy	1	4.0%
X-rays, Endoscopy, We have a specialist for her ME and she was immediately taken to his hospital	1	4.0%
X-rays, Exploratory surgery	1	4.0%
X-rays, Labs	1	4.0%
X-rays, Necropsy	1	4.0%
X-rays, They sent us to a specialty hospital	3	12.0%
X-rays, They sent us to a specialty hospital, An 'oops' X-ray at a certain angle has my vet question that this may be what was going on with him, she said she had only seen one other case in her 18 years of being a vet.	1	4.0%
X-rays, Ultra Sound	2	8.0%
X-rays, Ultra Sound, Endoscopy, They sent us to a specialty hospital	1	4.0%
X-rays, Ultra Sound, They sent us to a specialty hospital	1	4.0%
X-rays, Went to Emergency vet, within 24 hours, went to regular vet who sent us to specialty vet	1	4.0%

If GEI: Did they perform surgery on your dog?	Count	%
No	12	46.2%
Yes	14	53.8%
	26	100%

If you answered "no" above. What was the reasoning behind not doing surgery?
By the time the diagnosed her, her vital signs were too unstable for suregery.
Clinic let my girl sit for three days, vomiting blood and did NO diagnostics. I took her to specialists for surgery 2 hours away. When they finally opened her up to do surgery her entire stomach was in her esophagus including her spleen and was 97% necrotic. They killed my dog 🐕
Dog was lethargic, lost too much blood, poor prognosis, poor surgical risk and would have needed transfer to higher level hospital an hour away.
Ffion was to ill to be operated on
He wouldn't survive
I did not do surgery on Pongo because I knew he would still have the same condition of the ME and it could be possible for him to have GEI again.
I put him to sleep
Performed necropsy
She was too far gone to have a successful surgery, too much time had lapsed.
She was too weak to survive the surgery
They said she would have to wait until the following Monday (it was Thursday) or I could drive her five hours away to NC State.

If GEI surgery: Did they perform a gastropexy?	Count	%
Yes	13	100.0%
	13	100%

If GEI surgery: Was a feeding tube placed?	Count	%
No	10	83.3%
Yes	2	16.7%
	12	100%

If GEI surgery: Did your dog require additional units of blood?	Count	%
No	10	83.33%
Yes	2	16.67%
	12	100%

Did your dog survive the surgery?	Count	%
No	1	7.14%
Yes	13	92.86%
	14	100%

*Kim Golden's did not survive

If GEI, How do you identify your dog?	Count	%
Cane Corso	1	3.8%
Dachshund	1	3.8%
French bulldog	1	3.8%
German Shepherd	9	34.6%
Golden Doodle	2	7.7%
Golden Retriever	1	3.8%
Great Dane	2	7.7%
Greater Swiss Mountain Dog	1	3.8%
Irish Wolfhound	1	3.8%
Labrador Retriever	1	3.8%
Mixed breed	5	19.2%
Presa Canario/English Mastiff mix	1	3.8%
	26	100%

ALL Dog Breed List:

Top 10% highlighted

How do you identify your dog?	Count	%
Airdale	1	0.19%
AKC American Pitbull Terrier	1	0.19%
American Bulldog	2	0.39%
American Bully	2	0.39%
American Staffordshire Terrier	2	0.39%
Anatolian Shepherd	1	0.19%
Australian Cattle Dog	5	0.97%
Australian Shepherd	6	1.16%
Beagle	4	0.78%
Beauceron	2	0.39%
Belgian Malinois	1	0.19%
Bernedoodle	1	0.19%
Bloodhound	2	0.39%
Border Collie	1	0.19%
Borderdoodle	1	0.19%

Borzoï	1	0.19%
Boston Terrier	5	0.97%
Boxer	10	1.94%
Bracco Italiano	1	0.19%
Brittany Spaniel	1	0.19%
Brussels Griffon	1	0.19%
Cane Corso	1	0.19%
Catahoula	1	0.19%
Catahoula / Olde English Bulldog	1	0.19%
Cavachon	2	0.39%
Cavalier King Charles Spaniel	3	0.58%
Cheeeniee	1	0.19%
Chesapeake Retriever	1	0.19%
Chihuahua	10	1.94%
Chihuahua Mix	2	0.39%
Cocker spaniel	2	0.39%
Collie	7	1.36%
Corgi	8	1.55%
Dachshund	15	2.91%
Dachshund/ miniature pincher	1	0.19%
Dalmatian	1	0.19%
Dogue de Bordeaux	1	0.19%
Dutch Shepherd	1	0.19%
English Bulldog	9	1.74%
English Pointer	1	0.19%
English Setter	1	0.19%
English springer spaniel	2	0.39%
French bulldog	6	1.16%
German shep/ hound dog mix	1	0.19%
German Shepherd	78	15.12%
German Shorthair Pointer	2	0.39%
Golden Doodle	22	4.26%
Golden Retriever	15	2.91%
Gordon Setter Mix	1	0.19%
Great Dane	14	2.71%
Great Pyrenees	1	0.19%
Great Weimar	1	0.19%
Greater Swiss Mountain Dog	1	0.19%
GSD/Dutch Shepherd/Belgium Malinois	1	0.19%
Half Golden Half Laborador	1	0.19%
Husky	3	0.58%
Irish Wolfhound	3	0.58%
Jack Russell	5	0.97%
Japanese Chin	1	0.19%
Kelpie	1	0.19%
Labradoodle	4	0.78%
Labrador Retriever	47	9.11%
Malamute	1	0.19%
Maltese	1	0.19%
Maltese Shih Tzu	1	0.19%
Miniature Pincher	2	0.39%
Miniature Poodle	1	0.19%
Mixed breed	104	20.16%
Newfoundland	3	0.58%

Pit Bull	15	2.91%
Plotthound	3	0.58%
Pomapoo	1	0.19%
Pomeranian	2	0.39%
Porcelaine hound	1	0.19%
Portuguese Water Dog	1	0.19%
Presa Canario/English Mastiff mix	2	0.39%
Pug	1	0.19%
Puggle	1	0.19%
Rat terrier	1	0.19%
Rhodesian Ridgeback	1	0.19%
Rottweiler	6	1.16%
Saint Bernard mix	1	0.19%
Schnauzer	7	1.36%
Shepherd Mix	1	0.19%
Shiba Inu	2	0.39%
Shih Tzu	3	0.58%
Shih tzu-poodle mix	1	0.19%
Southern Cross Bulldog	1	0.19%
Springer Spaniel	1	0.19%
Springer spaniel/ cocker spaniel	1	0.19%
St. Bernard	1	0.19%
Staffordshire bull terrier	1	0.19%
Standard poodle	1	0.19%
terrier jack russell chihuahua mix	1	0.19%
Toy poodle	3	0.58%
Weim/Rott mix	1	0.19%
Weimaraner	2	0.39%
Welsh Terrier	2	0.39%
White shepherd	1	0.19%
White Swiss Shepherd Dog	1	0.19%
Whoodle	1	0.19%
Wire haired pointer	1	0.19%
Xoloitzcuintle	1	0.19%
Yorkie-Poo	1	0.19%
Yorkshire Terrier	2	0.39%
Total	516	100%