

Supplementary Table S1. Signalments of 21 dogs with PSS on CEUS

Case	Breed	sex	age	Shunt type	Grade of intrahepatic portal vein branch	Portal blood pressure			Treatment	CEUS completion	
						Before temporary occlusion (mmHg)	During temporary occlusion (mmHg)	Ratio of increase (fold)		HP	PV
#1	Miniature Dachshund	S	5.4	LGP	3	7	18	2.6	ACP	yes	no
#2	Shih Tzu	C	6.1	LGP	3	8	10	1.3	CL	yes	yes
#3	Maltese	C	1.3	RGC	4	10	10	1.0	CL	yes	yes
#4	Pomeranian	S	1.5	LGP	4	5	6	1.2	CL	yes	yes
#5	Papillon	S	11.7	LGP	4	7	9	1.3	CL	yes	no
#6	Mix	M	0.5	Splenophrenicoabdominal shunt	1	13	46	3.5	PL	yes	yes
#7	Pug	M	0.6	Right-left gastrocaval shunt	1	8	35	4.4	PL	yes	yes
#8	Pekingese	S	2.5	LGC	4	4	10	2.5	ACP	yes	yes
#9	Toy Poodle	F	0.7	Left gastroazygos shunt	2	1	7	7.0	CL	yes	yes
#10	Papillon	F	0.6	LGC	1	10	21	2.1	PL	yes	yes
#11	Papillon	F	4.6	LGP	4	2	6	3.0	PTCE	yes	yes
#12	Miniature Dachshund	S	3.3	LGP	4	2	8	4.0	PTCE	yes	yes
#13	Yorkshire Terrier	S	0.9	LGP	3	4	10	2.5	CL	yes	yes
#14	Miniature Schnauzer	F	4.7	LGP	4	6	9	1.5	PTCE	yes	no
#15	Papillon	F	1.8	LGC	3	3	6	2.0	CL	yes	no
#16	Toy Poodle	S	11.3	LGP	4	4	5	1.3	PTCE	yes	yes
#17	Miniature Schnauzer	M	0.3	LGP	1	2	25	12.5	PL	yes	yes
#18	Jack Russell Terrier	M	1.8	LGP	4	10	15	1.5	PTCE	yes	yes
#19	Mix	F	4.8	RGC	3	9	14	1.6	ACP	yes	yes
#20	Mix	S	3.8	Left gastroazygos shunt	2	11	16	1.5	ACP	yes	yes
#21	Chihuahua	S	0.9	RGC	2	5	8	1.6	CL	yes	yes

ACP, ameroid constrictor placement; C, castrated; CEUS, contrast-enhanced ultrasound; CL, complete ligation; F, female; HP, hepatic parenchyma; LGC, left gastrocaval shunt; LGP, left gastrophrenic shunt; M, male; PL, partial ligation; PSS, portosystemic shunt; PTCE, percutaneous transvenous coil embolization; PV, portal vein; RGC, right gastrocaval shunt; S, spayed.