Fb	stly high quality evidence condu	ucted in the past 2 years. Prod	at any clinical trial phase, surveys excluded ct names disclosed in most cases. Most	convincing evidence in canine osteo	arthritic pain/mover	nent.														
	icacious around 2 mg/kg and saf																			
TP	ere are no published studies on t	the efficacy of cannabinoids in	cats - however there are two RCT looking	into safety and pharmacokinetics.														+'	+	
					-			-		-							-	+	+	
tudy		Participants (N, species)	Condition	Study design	Cannabinoid; do	e product	Efficacy outcome		-	Additional inform	tion (study link, safety, pharmacokinetics)						-		+	
Samble et al., 2018		n=14, canine	osteoarthritis	RCT	CBD oil 2mg/kg	ic, product		pain and increase	in activity	Data suggests th	t 2 mg/kg of CBD twice daily can							-	-	
	fety and clinical efficacy		PK, efficacy, safety		Twice daily for 4			I admin. Owner a												
	ent in osteoarthritic dogs		,		ElleVet LLC sup		reports were cor	sistent and sig di	f to placebo	https://www.front	fort and activity in dogs with OA rsin.org/articles/10.3389//vets.2018.00165	full								
					https://www.ellev	etsciences.com/														
Deabold et al., 2019		n=8, canine	Healthy	RCT	CBD chews 2mg	/kg	None			One cat showed	persistent rise in alanine aminotransferase	(ALT) above the								
Single-dose pharmacokinetics and preliminary		n=8, feline	PK, safety			1:1 CBD:CBDA				reference range	or the duration of the trial. In healthy dogs	and cats,								
	ith use of CBD-rich hemp				Twice daily for 12	2 weeks				an oral CBD-rich	emp supplement administered every 12 h	was not detrimenta	tal based on							
utraceutical in healt	ny dogs and cats				ElleVet LLC sup	plied IP				CBC or biochemi	try values. Cats do appear to absorb or eli	ninate CBD differe	ently than dogs,							
					https://www.ellev	etsciences.com/				showing lower se	um concentrations and adverse effects or	excessive licking a	and head-shaking during oil a	dministration.						
										https://www.mdp	com/2076-2615/9/10/832/htm									
rioschi et al., 2020		n=21, canine	osteoarthritis	RCT	CBD oral transm			tion in pain score		Further pharmac	kinetics and long-term studies in larger po	outations are neede	ied to encourage							
	annabidiol Oil Formulation		Efficacy, safety		2mg/kg twice da			h assessed by the	ir owner.	its inclusion into a	multimodal pharmacological approach for com/2076-2615/10/9/1505	canine osteoarthriti	itis-related pain.							
s Part of a Multimo					CBD plus other a		Mobility indexes			https://www.mdp	com/20/6-2615/10/9/1505									
	f and Quality of Life Impro-				Compounded CE												_			
ement in Dogs Affe	cted by Spontaneous				No brand or spor	nsor mentioned														
steoarthritis										han a flore of the second	in the second	(454000 IS					_			
lejia et al., 2021		n=23, canine	osteoarthritis	RCT				res were: objectiv			lenpress.com/jaaha/article-abstract/57/2/8		on-of-the-Effect-of-Cannabidio	-on/redirectedF	rom=iultext		-	+'	+	
	ct of Cannabidiol on		Efficacy, safety	1	Daily for 6 weeks			ia accelerometry)			sociated with CBD administration includer				-		-	+	+	+
iturally Occurring	steoarthritis-Associated	1		1	No brand or spor			ments. There wer		elévation in liver	nzymes (n = 14) and vomiting (n = 2).						-	+	+	+
ain: A Pilot Study in	uogs	1			Unable to access	run text		groups at any time									-	+	+	
ogan et al., 2020		n=37, canine	Chronic mal-adaptive poin	Pilot RCT	CBD oil	0.25 malka	or the recorded of	berns derived C	s. BD oil annears	Daily does rodu	on of ashanentil afforded by CBD on orderi	nietration					-			
	liol-Rich Hemp Oil Extract	n=37, canine	Chronic mal-adaptive pain	PIIOL NGT	Full spectrum	0.25 mg/kg	to positively -	hemp-derived C	bo dii appears		on of gabapentil afforded by CBD co-admi		d Rick Home Oil Externit to	Treat Conis : C	steparticitie Delated Driv 1	Dilat Physics		+	+	+
		1	osteoarthritis associated	1	HM Health LLC			ct dogs with chron		mps //www.rese	rchgate.net/publication/339698157 The U	se or cannabidiol-	arrown memp Un Extract to	meas canine C	social entropy related in an A			-	-	-
ilot Study	oarthritis-Related Pain: A				https://www.hom			ng their pain, the	euy improving	1								+	+	
ilot Study hicoine et al., 202		n=13, canine	Healthy	RCT	1:20 THC:CBD	pinyper.com/	their mobility and	quality of life		https://www.reee	rchgate.net/publication/345901148 Pharm	acokinetic and Set	afety Evaluation of Various	Dral Doses of a	Novel 120 THCCBD Car	nahis Herbal Extract a	Dogs			
harmacokinetic an	Safety Evaluation of Various	n- io, caline	PK. safety		Aurora Cannabi	s supplied IP			-	Neurological eige	(hyperesthesia or proprioceptive deficits)	were noted in five	and a standard of a dilous					-		-
	11:20 THC:CBD Cannabis	1	, sarcty	1	https://www.sure	rami com/		1	1		igh-dose group (up to 10 mg/kg), but only						-			
erbal Extract in Do		1		1	2, 5, 10 mg/kg			1	1			occusionary					-			
/akshlag et al., 202		n=6. canine	Healthy	RCT	2, 5, 10 mg/kg Full spectrum CE	D extracts	N/A		-	https://www.rese	dium- and low-dose groups rchgate.net/publication/344165960 Pharm	acokinetics of Car	annabidiol Cannabidiolic Acid	D9-Tetrahydro	annabinol Tetrahydrocanna	binolic Acid and Relat	ed Metabolites in 4	Canine Serum Aftr	ter Dosing With T	Three Oral Form
harmacokinetice of	Cannabidiol, Cannabidiolic		PK, safety	1	(<0.3% THC).			1	1	All delivered form	ulations were safe									
cid, Δ9-Tetrahydro	-annahinol		FR, salety		2 mg/kg CBD	OII, SOIL CHEWS				Suggestion of sig	ergism between CBD and CBD/THC acids									
	lic Acid and Related				ElleVet LLC sup	plied IP					results do not translate to other MC produ	18						-	-	
	e Serum After Dosing With				https://www.ellev	etsciences.com/													-	
ree Oral Forms of	Hemp Extract									1										
cGrath et al., 2019		n=26, canine	Intractible idiopathic epilepsy	RCT	CBD oral		Seizure activity #	efficacy endpoint.		Adverse and play	na CBD also explored as safety/PK endpo	nts.								<u> </u>
	controlled clinical trial to		Safety, efficacy, PK			BID 12 weeks		group had a sign	nificant (median		group had a significant increase in serum a		se activity.					1	1	
sess effect of oral	cannabidiol administration		Curchy, circulary, 1 re		In addition to ant	convulsants	change 33%) re	duction in seizure	frequency	(sign of liver toxic	ty - most likely due to drug drug interaction	)	se deuvity.					-	-	
	lional antiepileptic treatment				Applied Basic S			he placebo group			lls.avma.org/doi/full/10.2460/iavma.254.11							-		
addition to conven	in dogs with intractable				Corporation su		Observed correl	ation between CB	D nisems conc	in the second second		10021								
liopathic epilepsy	in dogo wan in double						and seizure freq		plasma conc									-		
orris et al., 2020		n=16, canine	Healthy	RCT	CBD oral (incorp	orated into food)	These results do	not support an a	nxiolvtic	https://www.front	rsin.org/articles/10.3389/fvets.2020.56956	5/full?fbclid=lwAR3	3v2-wtTKAVOdJvyULaf9NW	ch/FNv9ElKqAO	693by-Mje m8x57LWSmo			-	-	
	g Cannabidiol (CBD)		State fear and anxiety paradigm		25 mg CBD			dogs given 1.4 m										-	-	
ontaining Treats or	Canine Response to a		Supplementation prior to shock		i.e. 1.4 mg/kg															
oise-Induced Fear	Response Test				AgTech Scienti	ic supplied IP														
rager, 2020		n=24, equine	Healthy	Case report	CBD oral oil	50 mg	Low reactivity so	ores were more fi	requently	https://digitalcom	nons.murraystate.edu/cgi/viewcontent.cgi?	article=1229&conte	text=etd							
annabidiol in the h	rse: pharmacokinetics		Reactivity and movement			6 weeks	observed in post	-treatment horses	3											
	ted supplement on				EVS Pharm sup	plied IP		t-treatment horse	s spent more											
activity and mover	ient						time in stance pl													
orsetti et al., 2021		n=24, canine	Aggressive phenotype	RCT	CBD oral oil		An administratio	n of CBD every 24	\$ h did not	https://www.natu	a.com/articles/s41598-021-82439-2									
	ay reduce aggressive					45 days		cts on behaviour			ations are necessary to widen .									
haviour towards h	umans in shelter dogs				In-house synthes			ed to stress but s	eemed		s and to combine a behavioural therapy									
					No externally se	ourced IP	to reduce aggree	ssive behaviour.		with CBD admini	tration. Our results pave the way for furthe									
					1					and veterinary st	dies to understand if CBD could be efficad	ious								
										also in the treatm	nt of behavioural disorders									_
errico et al., 2020		n=not specified, canine	Osteoarthritis	RCT	CBD capsule	4 weeks		decreased pain			tion to improve bioavailability							+'		L
	e-blind, placebo-controlled							e-dependent fash		Liposomal CBD (	0 mg/day) was as effective as non-liposon	al CBD (50 mg/da	ay)							
udy of daily cannal	idiol for the treatment of				50 mg per day n	on-liposomal	animals with an	affirmative diagn	osis of OA	Safety - Hemator	it, comprehensive metabolic profile, and cl	nical								
nine osteoarthritis	pain				20 mg per day lip						d no significant detrimental impact of CB	administration								
					Medterra CBD s	upplied IP				over the 4-week	nalysis period.									
					https://medterrad	bd.com/product-ct	d-melatonin?clx	13652646&r=http	s://www.google.co	or https://journals.lw	v.com/pain/Abstract/2020/09000/A randor			x				-		
eabold et al., 2019		n=8, feline	Safety and pharmacokinetics	RCT	CBD oil 2mg/kg		N/A		1		cats developed a mild to moderate, persis						_		+	
ngle-dose pharmo		1			Twice daily for 12	2 weeks			-	Cats showed mo	e frequent adverse events including excess	ive licking and hea	ad shaking in 35% and 25%,				_			
eliminary safety as	sessment				1					of dose administr	tions, respectively. Other adverse events i	ncluded pacing, ch	hewing, gagging,							
	hemp nutraceutical in	1		1	1				-	vomiting, salivati	g, jumping and grimacing.						_			
althy dogs and cat	s.				1												-			
lpa et al., 2021		n=20, feline	Safety and pharmacokinetics	RCT	CBD oil (30.5 mp		N/A		-	All observed adv	rse events (AEs) were mild, transient and	esolved without me	nedical intervention.					+	+	
	of escalating cannabinoid				THC oil (41.5 mg	/kg)				Gastrointestinal	Es were more common with formulations	containing MCT.								
ses in healthy cats					CBD:THC oil (13		This is the first fe	eline study to expl	ore the safety +	Constitutional (lef	argy, hypothermia), neurologic (ataxia) an	d ocular (protrusion	on membrana nictitans)				_			
ps://journals.sage	ub.com/doi/full/10.1177/109861	5			(plus 2 placebo g		tolerability of CB	D and THC, alone	e and in	AEs were more c	mmon with oils containing THC (CBD/TH	Cand THC oils).								
					1		combination, in a	a controlled resea	rch setting.	Higher plasma le	els of the cannabinoids and their metaboli	es following admini	nistration							
					1					of the CBD/THC	ombination product are suggestive of a ph	armacokinetic intera	eraction.							
civer et al., 2020		n=6, equine	Efficacy	RCT	1% CBD in manu			vound size, daily l	healing rate	This preliminary	tudy failed to demonstrate any difference in	wound healing var	ariables between treatment gr							
afety of topical trea	ment of cannabidiol extract				(or saline placeb		and total time to	healing.		This was unexpe	ted due to the established effects of UMF	0 manuka honey or	on wound healing using the sa	me model. This	may be due to systemic effect	ts of cannabidiol and st	udy design.			
a unique martir	actor 5 manuka honey				Topical application	on 42 days				Further research	nto the use of cannabidiol in equine wound	s is warranted.								
a unique manuka	ention wound healing on equine				1															
arrier on second int																				
arrier on second int listal limb wounds: a																				