

Table 1: CRYO-SURGERY WITH THE CRYOSUCCESS-SYSTEM - PATIENTMATERIAL

BREED	SEX	AGE DATE OF BIRTH	LOCALISA-TION	TYPE	SIZE	NUMBER OF TREATMENTS	TIME (SEC)
Whippet	W	02.11.03	Plantar on Metatarsal bones	Epithelial tumor	Ø 7 mm	1	15
Sheep-dog	M	07.01.99	Intermediate toe	Melanoma	Ø 12 mm	6 in a 4 days interval, after first treatment obviously shrunked, approx. 4 mm large necrosis around neo, after 2 th. almost disappeared, after 3 th. inner black nucleus, 4,5 tip, after 4th th. inner black nucleus smaller, wound thinner, after 5th th. black nucleous hardly visible with a magnifier	30, 30, 30, 30, 25, 25
Housecat	MK	15.05.96	Gums right up	Gingivitis	20 x 3	2 in a 7 days interval	20, 20
Housecat	MK	15.05.96	Gums around caninus left up	Gingivitis	3 mm Saum	2 in a 7 days interval	20, 20
C. Spaniel	M	01.04.92	External ear	Epithelial tumor	Ø 7 mm	1	25
Sheep-dog	M	12 Years	Extremity	Epithelial tumor	Ø 7 mm	1	15
Sheep-dog	M	12 Years	Extremity	Epithelial tumor	Ø 7 mm	1	15
German Shorthair	M	06.06.90	Trunk	Skin cyst	15 mm	2 in a 6-days interval	25, 25
German Shorthair	M	06.06.90	Trunk	Artherom	12 mm	1 after 6 days flat mud-caked	30
German Shorthair	M	06.06.90	Area of the lower jaw	Epithelial tumor	Ø 7 mm	1 after 6 days flat mud-caked	15
German Shorthair	M	06.06.90	Extremity	Epithelial tumor	Ø 7 mm	1 after 6 days flat mud-caked	15
Bloodhound	W	22.06.95	Extremity	Epithelial tumor	Ø 7 mm	1	15

BREED	SEX	AGE, DATE OF BIRTH	LOCALISATION	TYPE	SIZE	NUMBER OF TREATMENTS	TIME (SEC)
Bloodhound	W	22.06.95	Extremity	Epithelial tumor	Ø 7 mm	1	15
Bloodhound	W	22.06.95	Extremity	Epithelial tumor	Ø 7 mm	1	15
Bloodhound	W	22.06.95	Head	Epithelial tumor	Ø 7 mm	1	15
Bloodhound	W	22.06.95	Trunk	Epithelial tumor	Ø 7 mm	1	15
Bloodhound	W	22.06.95	Trunk	Epithelial tumor	Ø 7 mm	1	15
Bloodhound	M	08.03.98	Eye	Epithelial tumor	Ø 7 mm	1	15
Bloodhound	M	08.03.98	Trunk	Epithelial tumor	Ø 7 mm	1	15
Bloodhound	M	08.03.98	Trunk	Epithelial tumor	Ø 7 mm	1	15
Bloodhound	M	08.03.98	Extremity	Epithelial tumor	Ø 7 mm	1	15
Bloodhound	M	08.03.98	Extremity	Epithelial tumor	Ø 7 mm	1	15
Middleschnauzer	WK	01.06.95	Neck	Epithelial tumor	Ø 10 mm	3 in a 7 days interval	15, 15, 15
Middleschnauzer	WK	01.06.95	Trunk	Epithelial tumor	Ø 8 mm	3 in a 7 days interval	15, 15, 15
Middleschnauzer	WK	01.06.95	Trunk	Epithelial tumor	Ø 7 mm	1	15
Middleschnauzer	WK	01.06.95	Trunk	Epithelial tumor	Ø 7 mm	1	15
Bullterrier	WK	01.06.68	Extremity	Epithelial tumor	Ø 7 mm	1	15
European Longhaircat	MK	15.03.90	Trunk	Epithelial tumor	Ø 7 mm	2 after 1 week fallen off	15, 15
European Longhaircat	MK	15.03.90	Trunk	Epithelial tumor	Ø 7 mm	1	15

BREED	SEX	AGE, DATE OF BIRTH	LOCALISATION	TYPE	SIZE	NUMBER OF TREATMENTS	TIME (SEC)
German Spaniel	WK	11.04.99	Internal ear	Epithelial tumor	Ø 7 mm	3 in a 4 days interval, wart almost falls off during the 2 nd therapy	10, 10, 10
German Shorthair	M	01.04.99	Head	Epithelial tumor	Ø 7 mm	1	15
Golden Retriever	MK	23.05.03	Front extremity	Granulation tissue	Ø 30 mm	2 in a 2 days interval, after 2 nd therapy very nice, ggr. crusts	30, 30
Shi Tzu	WK	28.12.95	Head	Epithelial tumor	Ø 7 mm	2 in a 4 days interval	30, 30
Westhighland Terrier	M	19.06.91	Head	Sebaceous adenoma	Ø 10 mm	4 in a 14 days interval, recovery, interrupted, owner problem	35, 30, 30, 30
Rottweiler	W	19.06.93	Front breast	Melanoma	30 x 15 mm	4 in a 4 days interval; getting glassy after 1 st therapy ; on the day of the 2 nd therapy bloody fluor; after 2 nd therapy approx. 2/3 peeled off, with good visible neckformation, fallen off after 4 th therapy.	35, 30, 30, 30
Boxer	M	05.02.02	Nasal wrinkle with tear flow	Epithelial tumor	Ø 5 mm	1 interrupted due to tear flow, wish of the owner	15
Small Münsterländer	M	16.06.92	caud. of trochanter major	Skin cyst	Ø 15 mm	3 in a 6 days interval	35, 35, 15
Small Münsterländer	M	16.06.92	Over trochanter major	Epithelial tumor	Ø 9 mm	2 in a 4 days interval	15, 15
Malteser	WK	? older	Trunk	Epithelial tumor	Ø 7 mm	1	15
Spaniel	W	01.03.94	Trunk	Epithelial tumor	Ø 7 mm	2 in a 4 days interval	15, 15
Spaniel	W	02.03.94	Right next to tail base	Epithelial tumor	Ø 7 mm	2 in a 4 days interval	14, 45
Rottweiler	W	20.05.98	On the back	Epithelial tumor	Ø 7 mm	3 in a 7 days interval	15, 15, 20

BREED	SEX	AGE, DATE OF BIRTH	LOCALISATION	TYPE	SIZE	NUMBER OF TREATMENTS	TIME (SEC)
Persiancat	WK	03.06.02	Nasal wrinkles	Dermatitis	Li 4 x1 mm Re 5x2mm	1 healedt 3 healed After 1 month relapse both sides..	10 10, 10, 10
Housecat	WK	10 J.	Ankle joint medial	Massive inflammation	Ø 20 mm	1 4,5-tip Euthanasia, owners wish	35
Cross-breed	M	23.01.05	Lower lip of a wound	Epithelial tumor	Ø 7 mm	3 after 3 days ggr. rest, 2 nd therapy, after 3 more days 3 rd therapy	15, 10, 10
Kingspoodle	M	30.06.97	Ear base	Epithelial tumor	Ø 10 mm	5 in a 2 days interval, peeling off after 2 nd th.; fallen off immediately after 4 th th., at the 5 th th. crust peeled off, very nice granulation, 2 days after 5 th th. almost healed	20, 20, 20, 20, 20
Westhighlandterrier	M	08.10.99	Thigh	Granulation tissue	Ø 30 mm	2 in a 2 days interval	20, 20
Sheep-dog	WK	26.01.98	Shoulder	Epithelial tumor	Ø 7 mm	1	15
Welsh Corgie	WK	20.11.90	Temporal canthus	Epithelial tumor	Ø 8 mm	1 fallen off during therapy, for approx. 48 hours hgr. episkleral vesselinjection, .eyelid swollen, edema dropped lateral undert the temporal canthus, wound nice, after 14 days in healing, vesselinjection in the area of the temp. Sclera, cornea is clear, fluorescin negative, 15 days after th. large area healing by second intention and loss of pigmentation	15, 15, 15

BREED	SEX	AGE, DATE OF BIRTH	LOCALISATION	TYPE	SIZE	NUMBER OF TREATMENTS	TIME (SEC)
Lap poodle	WK	26.04.91	Extremity	Epithelial tumor	Ø 7 mm	2 in a 10 days interval	15, 15
Lap poodle	WK	26.04.91	Neck	Epithelial tumor	Ø 7 mm	2 in a 10 days interval	15, 15
Poodle	WK	14.10.94	Head	Epithelial tumor	Ø 7 mm	1	15
Poodle	WK	14.10.94	Trunk	Epithelial tumor	Ø 7 mm	1	15
Poodle	WK	14.10.94	Trunk	Epithelial tumor	Ø 7 mm	1	15
Englishsetter	MK	01.01.92	Trunk	Epithelial tumor	Ø 7 mm	1	15
Englishsetter	MK	01.01.92	Trunk	Epithelial tumor	Ø 7 mm	2 in a 10 days interval	15, 15
Englishsetter	MK	01.01.92	Trunk	Epithelial tumor	Ø 10 mm	2 in a 10 days interval	15, 15
Englishsetter	MK	01.01.92	Extremity	Epithelial tumor	Ø 7 mm	1	15
Englishsetter	MK	01.01.92	Bridge of nose	Epithelial tumor	Ø 7 mm	1	15
Cross-breed	M	? older	Ankle joint medial	Granulation tissue	Ø 25 mm	5 in a 2 days interval, after 1 st therapy small and flat, is almost not licking anymore, after 2 nd therapy complete flat, pigment gone, 3 rd th painful, movalis, 4 th th. painful, after 1 week 5 th therapy, healed	30, 30, 30, 15, 20
Staffordshireterrier	WK	25.10.91	Intermediate toe	Epithelial tumor	Ø 7 mm	1	15
Staffordshireterrier	WK	25.10.91	Intermediate toe	Epithelial tumor	Ø 7 mm	1	15
Staffordshireterrier	WK	25.10.91	Extremity	Epithelial tumor	Ø 7 mm	1	15
Staffordshireterrier	WK	25.10.91	Extremity	Epithelial tumor	Ø 7 mm	1	15

BREED	SEX	AGE, DATE OF BIRTH	LOCALISATION	TYPE	SIZE	NUMBER OF TREATMENTS	TIME (SEC)
Staffordshireterrier	WK	25.10.91	Trunk	Epithelial tumor	Ø 7 mm	2 in a 7 days interval	15, 15
Staffordshireterrier	WK	25.10.91	Trunk	Epithelial tumor	Ø 7 mm	2 in a 7 days interval	15, 15
Staffordshireterrier	WK	25.10.91	Trunk	Epithelial tumor	Ø 7 mm	1	15
Giant Schnauzer	M	13.08.99	Head	Epithelial tumor	Ø 7 mm	2 in a 7 days interval	15, 15
Giant Schnauzer	M	13.08.99	Shoulder	Epithelial tumor	Ø 7 mm	2 in a 7 days interval	15, 15
Spaniel	W	07.02.93	Extremity	Epithelial tumor	Ø 7 mm	1	15
Spaniel	WK	07.02.93	Over larynx	Epithelial tumor	Ø 7 mm	1	20
Spaniel	WK	01.11.96	Trunk	Epithelial tumor	Ø 7 mm	1	15
Dobermann	W	16.05.04	Lip of a wound Passage skin mucous membrane	Epithelial tumor	Ø 7 mm	1 fallen off within 2 days with ggr. bleeding, loss of pigmentation	13
Golden Retriever	M	28.04.05	Left shoulder	Weeping bleeding wound	35 x 20 mm	2 in a 4 days interval Healed	150 on 10 sites
Golden Retriever	M	04.10.95	Extremity	Non healing wound	Ø 40 mm	4, relaps	30, 30, 30, 30
Bearded Collie	M	26.10.97	Tail underside	Non healing wound	Ø 20 mm	4 in a 4 days interval, after second treatment the bulging lip is flatter, after third treatment the wound is smaller and shorter	30, 30, 30, 25
Cross-breed	M	02.04.94	Knee wrinkle	Skin cyst	Ø 10 mm	1 on the next day unpleasant secondary healing for the owner, Penatencreme 1x (owner), after 1 week in healing	30
BREED	SEX	AGE, DATE	LOCALISA-	TYPE	SIZE	NUMBER OF	TIME

		OF BIRTH	TION			TREATMENTS	(SEC)
German Sheep-dog	WK	28.10.04	Head	Epithelial tumor	Ø 7 mm	1	15
Shi Tzu	W	30.01.93	Extremity	Epithelial tumor	Ø 7 mm	1	15
Sheep-dog	W	01.12.98	Thigh	Non healing wound	50 x 20 mm	2 in a 4 days interval, wound opened by licking after overlooked steel wire sutures, after 1 st th. significant smaller and shorter, the bulging lip has completely gone	40, 20
Kingspoodle	M	04.08.00	Medial of balls	Epithelial tumor	Ø 14 mm	1	30 (4,5 mm)
Golden Retriever	WK	19.03.95	Head	Sebaceous adenoma	Ø 12 mm	2 in a 4 days interval	30, 25
Giant Münsterländer	W	06.02,94	Head	Epithelial tumor	Ø 7 mm	1	20
Giant Münsterländer	W	06.02,94	Head	Epithelial tumor	Ø 7 mm	1	20
Giant. Münsterländer	W	06.02,94	Ear	Epithelial tumor	Ø 7 mm	1	20
Giant Münsterländer	W	06.02,94	Trunk	Epithelial tumor	Ø 7 mm	1	20
Giant Münsterländer	W	06.02,94	Trunk	Epithelial tumor	Ø 7 mm	1	20
Giant. Münsterländer	W	06.02,94	Trunk	Epithelial tumor	Ø 7 mm	1	20
Poodle	M	01.04.94	Upper eyelid	Epithelial tumor	Ø 7 mm	1	10
Borderterrier	WK	20.09.00	Back of neck	Epithelial tumor scradted open	Ø 9 mm	2 in a 7 days interval, after first treatment fingernailbig dent + rest on border	25, 15
Beagle	M	7 Years	Back of neck	Open artherom	Ø 18 mm	3 in a 7 days interval	30, 25, 25
Labrador Retriever	W	20.02.05	Earground	Benignes histiocytoma	Ø 10 mm	3 in a 2 days interval, after 1 st therapy, reduction approx. 50%	30, 20, 10

BREED	SEX	AGE, DATE OF BIRTH	LOCALISATION	TYPE	SIZE	NUMBER OF TREATMENTS	TIME (SEC)
Spaniel	MK	15.01.94	Lower jaw bow	Epithelial tumor	Ø 7 mm	2 in a 7 days interval	15, 15
Spaniel	MK	15.01.94	Neck	Epithelial tumor	Ø 7 mm	2 in a 7 days interval	15, 15
Westhighland Terrier	M	16.04.96	Back of neck	Sebaceous adenoma	Ø 10 mm	2 in a 4 days interval	35, 30
Sheep-dog	M	old		Artherom	Ø 18 mm	2 in a 2 days interval	30, 30
Wire-haired Dachshundl	WK	01.04.92	Trunk	Epithelial Tumor	Ø 8 mm	2 in a 2 days interval	15, 15
Spaniel	M	16.10.97	Ear	Epithelial tumor	Ø 8 mm	2 in a 4 days interval	15, 15
Sheep-dog	M	23.12.95	Belly underside	Epithelial tumor	Ø 7 mm	2 in a 4 days interval	15, 15
Cross-breed	MK	08.01.95	Thigh	Epithelial tumor	Ø 6 mm	2 in a 4 days interval	15, 15
Hamster	M	1,5 Years	Ball	VI	Ø 5 mm	4 in a 7 days interval, very nice, relapse after 1 month, no further therapy	10, 10, 10, 10
N = 60				N = 105			
Dogs 55				Epithelial tumors 83			
Cats 4				Others 22			
Hamster 1							

Legend:

Breed = firstpatient dog; **Breed** = ident with firstpatient (dog), has several skin lesions

W = female, **WK** = female castrated, **M** = male, **MK** = male castrated

Ø = diameter