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PART
ONE

饲鸟病/呼吸道疾病综合症

Ornithosis / Respiratory complex

症状 Symptoms :

轻微感染：只影响比赛成绩

light infections : only bad race results

严重感染 strong infections :

Sick ornithosis	饲鸟病	Healthy pigeons	健康的信鸽
dark and swollen eye-lids	模糊的、肿胀的眼睑	fresh eyes (white,normal)	明亮的眼睛 (白色的、正常的)
wet cornea , wet eyes	湿润的角膜、眼睛	clear eyes	清澈的眼睛
brown nose	棕色的鼻瘤	white nose	雪白的鼻瘤
open beak	张嘴	normal beak	正常的喙
rattling	快速呼吸声		
quicker respiratory	呼吸频率增加	normal respiratory	正常的呼吸
scratching on eyes,ears	抓眼睛、耳朵		
nose , feathers	鼻子、羽毛		
swollen head	头部肿胀	normal head	正常的头部



饲鸟病/呼吸道疾病综合症

Ornithosis / Respiratory complex



诊断 Diagnosis:

通过临床症状和实验室检测 through the symptoms :

眼睛分泌物或者肝脏、肺切片染色查看是否有包涵体
With the colorisation of eye-swab or liver / lungs (Stamp-colorisation) intracellular inclusionbodies

病因 Cause:

- 多种原因
multifactorial
- 细菌感染: 支原体、衣原体
bacterial infection (Chlamydofila, mycoplasmosis ...)
- 鸽棚环境、通风
Loft circumstances , ventilation
- 应激、压力 (运输、比赛...)
stress-situations (transport , races ...)

饲鸟病/呼吸道疾病综合症

Ornithosis / Respiratory complex



预防 Prevention :

- 比利时鸽棚的建造 loft-building in Belgium
 - 防止气流、不通风 prevent draught / bad ventilation
 - 在屋顶的 = on the roof
roof-tiles are the best ventilation
屋顶有砖是最好的通风系统
 - 避免密度过高 avoid overpopulation
= f.e. max. 9 widowhood cocks
or 20 youngbirds in 1 section
一个隔间鸽棚最多有9只种鸽或者20只幼鸽
- **疫苗 vaccination :**
- 没有有效的疫苗预防呼吸道问题
 - there is no vaccination which is working against respiratory problems

PART
ONE

饲鸟病/呼吸道疾病综合症

Ornithosis / Respiratory complex

治疗 Treatment :



During a longer period (2 until 6 weeks) with antibiotics based on
- Doxycycline (f.e. Ornicure)
- Tetracycline

During the racing season if necessary 3 to 4 treatments of 3 days



PART
ONE

疱疹病毒和圆环病毒的混合感染

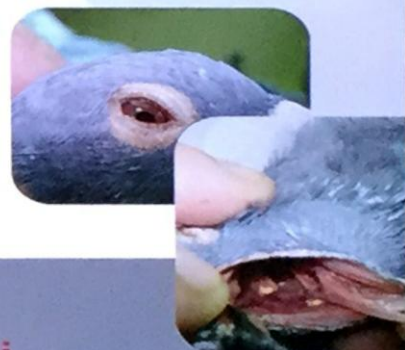
Combination of Herpes virus & Circo virus

没有直接对抗病毒的治疗方法

No directly existing therapy against the viral infections

使用抗生素防止二次感染

Against this problems we try to treat secondary infections
with antibiotics



症状 Symptoms :

- 感染眼睛 (单眼肿胀)
Infected eyes (swollen one eye cold)

- 喉咙黄色脓肿
Yellow abscesses in throat

- 呼吸道问题
Respiratory problem

- 圆环病毒感染
Circovirus infections

- 大部分情况只能发现幼鸽有病, 免疫系统丧失, 最终死亡
Most of the time you will see only young birds which
are coming sick, their immunity system is gone they
suffering and later on they are death.

病因 Cause:

疱疹病毒感染 Viral herpes infection

或者圆环病毒感染 viral circovirus infection

疱疹病毒和圆环病毒的混合感染 Combination of Herpes virus & Circo virus



01

治疗 Treatment :

Herpes-virus we try to treat as follows :
1st step : injection with 0,3 ml Lincospectin and 0,2 ml Suanovil (Spiramycin)
2nd in the drinking water : spiramycine + tylosin + doxycycline + enrofloxacin

02

疱疹病毒 :
1. 注射0.3ml 利高霉素 和 0.2ml 螺旋霉素
2. 饮水: 螺旋霉素 + 泰乐菌素 + 呼必安+恩诺沙星

圆环病毒 :
饮水: 霉浆菌治疗剂 + 拜有利

03

Circo-virus we try to treat as follows :
- In the drinking water amoxicure (amoxicilline) + enrofloxacin (baytril)

欧乐强-
霉浆菌治疗剂



疱疹病毒和圆环病毒的混合感染 Combination of Herpes virus & Circo virus



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疱疹病毒和圆环病毒的混合感染 Combination of Herpes virus & Circo virus

预防 Prevention :

疫苗 Vaccination

-新城疫和疱疹病毒二合一疫苗

We have the Pharmavac Columbi 2 against herpes and PMV

-幼鸽要在3-4周内做两次

With young birds vaccinate 2x with 3 to 4 weeks between it

-不是百分百有效的

Not 100 % succesfull working

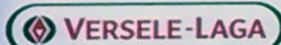
我们发现在幼鸽时候注射新城疫疫苗的鸽子感染圆环病毒和幼鸽病
几率更低, 所以建议下窝时候就直接注射第一次疫苗

We see that the younger you vaccinate your young birds against PMV and paratuberculosis the less problems you will have with circo-virus and also with young bird sickness
(so advice is directly by weaning give the first vaccination)

而且我们也发现做了疫苗的种鸽和未注射疫苗的种鸽说出的小鸽子也是有区别的,
所以我们建议在育种前4周给种鸽注射新城疫疫苗

Also there is a difference between youngsters of not vaccinated pigeons and good vaccinated pigeons.

We advice to vaccinate for PMV the breeding birds 4 weeks before start breeding season.



第二章

赛鸽的疫苗 Vaccination of pigeons

by Dr. Vet.Med. Boddaert Wim



PART
TWO
二

赛鸽的疫苗

Vaccination of pigeons

◆ 病毒疫苗:

- 新城疫
- 痘疹病毒
- 鸽痘

◆ Vaccinate against a viral infect

- paramyxovirus
- herpesvirus
- poxvirus

◆ 细菌性疾病疫苗:

- 沙门氏菌
- 大肠杆菌

◆ Vaccinate against a bacterial infection:

- salmonella bacteria
- E-coli bacteria

subject

◆ 水剂型疫苗:

◆ Waterbased vaccines:

- Colombovac PMV
- Hipraviar AP

◆ 油剂型疫苗:

- Columba PMV

◆ (四周内不得不进行两次注射)

鸡口腺疫苗: f.e. La Sota strain
你可以用于加强免疫: 每只眼睛一滴

Oil Based vaccines:

- Nobilis Paramyxo
- Columba PMV (have to do initial vaccination 2 x with 4 weeks between)
- Life chicken vaccines: f.e. La Sota strain
you can use for boosting: 1 drop in every eye.

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PART
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二

赛鸽的疫苗

Vaccination of pigeons

注射疫苗的时间

幼鸽:

第一次疫苗: 下窝时间

第二次疫苗: 四周后在注射一次

第三次疫苗: 比赛前四周

Young birds:

1st vaccination at the moment of weaning

2nd rappel vaccination 4 weeks later

3th vaccination you can do 4 weeks before racing starts

种鸽或者成年鸽

- 每年一次的疫苗注射

- 如果想要加强免疫, 在比赛前8天注射

Old birds and breeding birds:

- 1x per year a vaccination

- if you want to boost with PMV vaccin 8 days before race give injection



赛鸽的疫苗 Vaccination of pigeons

鸽痘的疫苗注射

Vaccination for Pox-virus

鸽痘疫苗的免疫方法:

methods to vaccinate for pox with life vaccin:

- 毛囊免疫: 最佳的免疫方式
拔出一些羽毛, 在毛囊进行免疫
follicle method : this is giving the best immunity
we take some feathers and bring vaccin in follicles.
- 刺种免疫: 免疫效果差, 但是免疫反应小
injection method : less immunity but also less vaccination-reaction



赛鸽的疫苗 Vaccination of pigeons

沙门氏或新城疫的疫苗注射

Vaccination for salmonella or paratyfus

在注射新城疫疫苗前, 确保已经使用痢可灵或霉菌菌治疗剂治疗10天

Before vaccination against paratyfus we give first treatment of 10 days with antibiotic f.e. Theraprim or amoxicure.

治疗后5天注射沙门氏疫苗

5 days after treatment we give then the vaccination :

- Life vaccine : Zoosal T (0,5 ml)
- Auto-vaccin made with the correct strain of salmonella in the laboratory.



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TWO
二

赛鸽的疫苗 Vaccination of pigeons

鸽痘的疫苗注射

Vaccination for Pox-virus

幼鸽

Young birds :

- 幼鸽6周时进行对鸽痘进行毛囊免疫
vaccinate for Pox virus with follicle method at age of 6 weeks
- 成鸽：在比赛6周前注射疫苗
old racing birds : vaccinate 1 x / year 6 weeks before racing season
- 鸽痘加强免疫
To boost with pox-virus vaccine :
在比赛上笼前5-6天注射疫苗
injection method 5-6 days before basketting of race.



PART
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二

赛鸽的疫苗 Vaccination of pigeons

大肠杆菌的疫苗注射

Vaccination for E-coli bacteriae

鸽棚里面存在肠道问题的鸽子对幼鸽而言是自动免疫

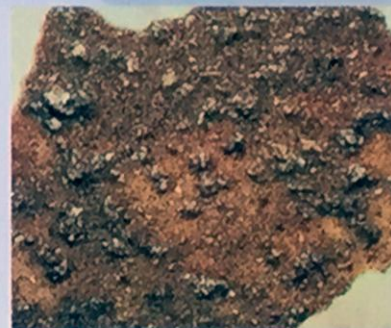
It is an auto-vaccination that we use if there are problems with the intestines every year at same loft with young birds.

大肠杆菌疫苗不是100 %有效

We see that the E-coli vaccine is not really giving 100 % results.

有时我们在重要的比赛三周前进行加强免疫

Some-times we used it as boost for better performances 3 weeks before important race.



PART
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二

赛鸽的疫苗 Vaccination of pigeons

圆环病毒和疱疹病毒的疫苗注射
Vaccination for Herpes and PMV

在过去的几年我们使用新型的疫苗
圆环病毒和疱疹病毒二合一的疫苗
- last years we have used new vaccine for Herpes :
Pharmavac Columbi2 which is for Herpes and PMV

怎么使用？

Where using it ?

当鸽棚中出现的典型的单眼伤风的病毒，

我们间隔三周做两次疫苗

但是我们发现并不是100%免疫的，所以效果也不是很好

At loft with problems of the typically viral one-eye cold.

We vaccinate 2 x with 3 weeks between the 2 vaccinations.

But we see not a 100% immunity , so not so good results.



PART
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二

赛鸽的疫苗 Vaccination of pigeons

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PART
TWO
二

赛鸽的疫苗 Vaccination of pigeons

成年鸽疫苗防疫计划

Scheme vaccination old Birds

种鸽 配对前4周	成年鸽 赛前6-8周		成年鸽 赛前4周
新城疫疫苗	新城疫疫苗 鸽痘疫苗	痢可灵10天	沙门氏疫苗/副 伤寒疫苗
breeding birds : vaccinate for PMV 4 weeks before coupling for 1st breeding round	6 to 8 weeks before racing season vaccination for PMV with injection and same time Pox- virus with follicle method	directly after 10 days treatment with Theraprim in drinking water 	5 days after treatment (4 weeks before start racing) vaccination for salmonella / paratyfys.




PART
TWO
二

赛鸽的疫苗 Vaccination of pigeons

幼鸽疫苗防疫计划

Scheme for young birds vaccination

4周龄 第一次	5周龄	6周龄	7周龄 第二次	8周龄	10-12周龄
新城疫疫苗/ 新城疫疱疹 病毒疫苗	鸽痘疫苗	痢可灵8天 预防幼鸽病	新城疫疫苗/新 城疫疱疹疫苗	霉浆菌治疗剂 8天	沙门氏疫苗/ 副伤寒疫苗
1st PMV vaccine / or 1st PMV/Herpes vaccin	Pox vaccin	8 days Theraprim to prevent outbreak of young bird sickness 	2nd PMV vaccine / or 2nd PMV/Herpes vaccin	before we give also 8 days Amoxicure in water	vaccination for salmonella /paratyfus



第三章

比赛期的药物治疗 Medical treatments for racing

by Dr. Vet.Med. Boddaert Wim



PART
THREE
三

比赛期的药物治疗 Medical treatments for racing

鸽眼精 Forma Drops

- 可保“泪腺”畅通增强视力与敏感性
- 治疗因灰尘、油漆、化学物质、不良天气引起的眼睛过敏症状
- 治疗眼皮肿胀、发炎、结膜炎
- test the pigeon's health
- 判断鸽子是否健康，当本品滴入鸽眼片刻后，打开鸽嘴，如喉部有蓝色药液即显示“泪腺管”及“上呼吸道”通畅



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比赛期的药物治疗

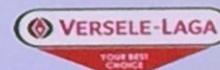
Medical treatments for racing

成年鸽：比赛规范后，每只眼睛一滴眼药水

幼鸽：一周三次眼药水

Old birds : when they return after race we put eye-drops in the eyes

Young birds : we give them 3 times a week eye-drops



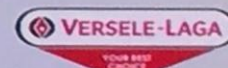
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比赛期的药物治疗

Medical treatments for racing

鸽眼精 Forma Drops

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PART
THREE
三

比赛期的药物治疗

Medical treatments for racing

比赛前4周	兽医检查	有必要的的话做球虫和体内虫
4 weeks before racing season starts :	check-up by vet	if necessary treatment for coccidiosis and worms.
赛季前	欧乐强毛滴虫治疗剂 治疗6天	欧乐强呼必安+利高霉素 治疗8天
before start of racing we always give 2 treatments	1st 6 days against trichomonosis with products based on ronidazole (f.e. Tricho Plus or Trichocure)	2nd 8 days treatment for respiratory problems : combination of doxycycline + lincospectine (lincomycine + spectinomycine)



PART
THREE
三

比赛期的药物治疗

Medical treatments for racing

归返日的治疗计划

Treatment scheme during racing day of returning

饮水：凡赛尔电解质

饲料：动物蛋白（例如：铁氧素）

胶囊：爆发X5 （小链条氨基酸：缬氨酸，亮氨酸，异亮氨酸）

we give them in the drinking water electrolytes.

- animal proteins on the grains (f.e. Hemolyt 40)

- capsule with BoostX5 (small chain amino-acids : valine , leucine and isoleucine)



比赛期的药物治疗 Medical treatments for racing

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比赛期的药物治疗 Medical treatments for racing

归返日的治疗计划

Treatment scheme during racing day of returning

归返2天后：我们交叉给予呼吸道或毛滴虫两天的药物

2 days hereafter : we give them alternate 2 days or

for respiratory or for tricho f.e. :

第一周	第二周	第三周	第四周	第五周	第六周
week 1	week 2	week 3	week 4	week 5	week 6
2天 呼必妥 + 利高霉素	2天 欧乐强 毛滴虫治疗剂	2天 呼必妥 + 螺旋霉素	2天 灭滴灵	2天 青霉素治疗剂 + 螺旋霉素	2天 欧乐强 毛滴虫治疗剂
2 days doxycycline + lincospectin	2 days ronidazole	2 days doxycycline + spiramycine	2 days metronidazole	2 days amoxicilline + erythromycine	2 days ronidazole



比赛期的药物治疗 Medical treatments for racing

比赛期的保健计划
Treatment scheme during racing

第4天和第5天:



饮水: 凡赛尔电解质
electrolytes + vitamins in the water



饲料: 爆发X5, 增强积累体能
on the grains we build up again with Boost X5



注射: 0.2ml科特壮
Also we give them an injection with 0,2 ml Catosal

第6天 (集鸽当天): 清水



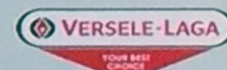
比赛期的药物治疗 Medical treatments for racing

赛季一些特殊的治疗方法
Some special treatments in racing season

针对呼吸道疾病特殊的治疗方法:
a special treatment for respiratory
呼必安+螺旋霉素+泰乐菌素+恩诺沙星
doxycycline + spiramycine + tylosine + enrofloxacin

比赛前一周:
注射0.3ml利高霉素+0.2ml螺旋霉素
week before race:
injection with 0,3 ml Lincospectin + 0,2 ml spiramycine (suanovil)

针对呼吸道和肠道的特殊治疗方法:
a special treatment respiratory + intestines:
霉浆菌治疗剂+螺旋霉素+红霉素
amoxicilline + spiramycine + erythromycine



第四章

比赛期的保健产品 Care products for racing

by Dr. Vet.Med. Boddaert Wim



• Racing season 赛季

赛季开始前，我们就要开始准备了储备加强赛鸽的体

比赛开始前一个月，连续使用一周 **铁氧素**
从比赛前三周起，隔天使用一次



before start of the season we start to build up the pigeons
3 weeks before start we give HEMOLYT 40 during 1 weeks

铁氧素是：

- 动物蛋白（机体快速吸收）
- 电解质和矿物质
- 维生素B6
- 帮助血红蛋白细胞的形成

Hemolyt 40 is a mix with :
animal proteins (very fast uptake in the body)
electrolytes and minerals
vitamins B6
haemo iron which aid the formation of red bloodcells

比赛前一周开始连续一周给予**强肝灵**

week before the race we start to give 1 week Carmine in the drinking water.

强肝灵含有L-卡尼丁减少飞翔中乳酸的产生

Carmine contains L-carnitine which make that there is less lactic acid in the muscle during flying



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比赛期的保健产品

Care products for racing

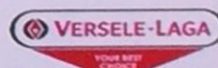
赛季保健品使用建议，每周比赛
By-products during racing season :
Racing every week

万能液

	Day1 (day of return)	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
饮水	电解质	铁氧素	强肝灵	清水	万能液	万能液	清水
water	Recup-lyt	Hemolyt	Carmine	Clear water	Dextrotonic	Dextrotonic	Clear water
粮食	铁氧素	十劲油+维他精力粉	十劲油+维他精力粉	十劲油+爆发X5	十劲油+爆发X5		粮食
Mixture	Hemolyt	Form-Oil and B-Pure	Form-Oil and B-Pure	Form-Oil and Boost X5	Form-Oil and Boost X5		clear grains

铁氧素

爆发X5



PART
THREE
三

比赛期的保健产品

Care products for racing

赛季保健品使用建议，每周比赛
By-products during racing season :
Racing every week



万能液

	Day1 (day of return)	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
饮水	电解质	铁氧素	强肝灵	清水	万能液	万能液	清水
water	Recup-lyt	Hemolyt	Carmine	Clear water	Dextrotonic	Dextrotonic	Clear water
粮食	铁氧素	十劲油+维他精力粉	十劲油+维他精力粉	十劲油+爆发X5	十劲油+爆发X5		粮食
Mixture	Hemolyt	Form-Oil and B-Pure	Form-Oil and B-Pure	Form-Oil and Boost X5	Form-Oil and Boost X5		clear grains



铁氧素



爆发X5





赛鸽的粮食饲喂
Feeding of racing pigeons



新的饲料
NEW MIXTURES
富含滋养丸的饲料
Enriched mixtures with
extruded pellets





冠军系列饲料



谷物饲料无法提供足够的脂肪、蛋白或者碳水化合物

in normal grainmixtures there are not enough contents of f.e. fats , proteins or carbohydrates.

也同时缺乏氨基酸（必需氨基酸），没有足够的维他命

Also there is a deficiency of amino acids (essential amino acids) , less quality amino acids , not enough vitamins, ...

1

we have an typically extruded pellet for racing , breeding , moulting , racing depending on the quantity of proteins , fat , etc.

2

In racing mixtures the content of fat is higher (around 10 % average)
F.e. Gerry Plus , Superstar Plus , Champion Plus

3

In breeding and moulting mixtures the content of protein is higher (around 15 % average)

因此我们添加了必须的营养元素在膨化颗粒里面
Therefore we added the extruded pellet to supplement all those things :



同时我们也添加了很多营养元素在冠军饲料中:

Also in the new Plus mixtures we added some nutraceuticals:

优势 Opti

加强健康 Opti Health

强化羽毛 Opti Feather

最佳能量 Opti Energy

帮助成长 Opti Growth

促进消化 Opti Digest

锻炼肌肉 Opti Muscle

保护细胞 Cell Protect

功效 effective

- 抗氧化剂、有机硒、多元酚刺激免疫系统的组合
combination of antioxidants, organic selenium and polyphenols we stimulate the immunity system
- 必须氨基酸和甲硫氨酸保证更柔软、更具弹性的羽毛
combination of essential fatty acids and sulphurous amino acids give better and softer quality feathers
- 卵磷脂的额外添加加上卡尼丁加速脂肪的燃烧和吸收
addition of lecithine and carnitine gives optimal fat absorption and combustion
- 必须氨基酸和钙帮助赛鸽强化身体
combination of essential amino acids and calcium to build new pigeon body
- 我们添加益生元和益生菌促进消化
we added some prebiotics and probiotics to have a better digestion
- 有机硒减少氧化上海并且减少肌肉中产生的乳酸
organic selenium which reduce the oxidatives damages and less lactic acid in the muscles
- 抗氧化剂减少氧化应激
anti-oxidants which are reducing the oxidative stress



Excellent and natural mineral supplements 高品质、纯天然的矿物质产品

胜利丸 Succes-Corn



在比赛后、育种或换羽季，
额外添加更多的蛋白质含量的膨化颗粒

Extruded pellet with some extra higher protein content to give directly after race / or in breeding or moulting mixture

能量丸 Energy-Corn



在赛季时给予鸽子足够的能量
额外添加更多的脂肪和碳水化合物

Extruded pellet with some extra higher fats and carbohydrates content for giving them enough fuel during the racing season



THANK YOU
FOR WATCHING
谢谢观看

Nutraceuticals

