CENTRE
FOR AVIAN
REPTILES
& EXOTICS

Care Veterinarian Services Incorporate

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Pellmeadow Estate, Protea Road, Klapmuts, 7625

PO Box 1470, Southern Paarl, 7624, Western Cape

021 700 4140
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Patient: No Name Female Ringneck

Client: Erica Barkhuizen

Date: 17 Oct. 25
Attending Veterinarian: Dr Coetzee de Beer BVSc (Hons) MANZCVS (Avian Health)
Practice: Centre for Avian, Reptiles and Exotics (CARE)

Summary of Findings

On physical examination, your pet was found to be **underweight**. During the induction of general anaesthesia, the **blood pressure dropped rapidly**, which can occur in debilitated or malnourished patients.

A **full diagnostic work-up** was recommended and has now been partially completed, including radiographs and blood tests.

Diagnostic Results

Radiographs revealed:

- A **smaller-than-normal liver (microhepatica)**, most likely due to **chronic undernutrition or starvation**.
- **Hyperinflated air sacs**, possibly the result of **poor air quality** (e.g., smoke, aerosols, dust) or **untreated previous respiratory disease**.
- No signs of **active respiratory infection** at this time.

Blood results are **consistent with starvation and muscle breakdown**, showing:

- **Severely elevated creatine kinase (CK)** levels, indicating **muscle catabolism** likely due to prolonged malnutrition or weakness.
- **Reduced blood glucose (hypoglycaemia)**, supporting **energy depletion and inadequate nutritional intake**.

Interpretation

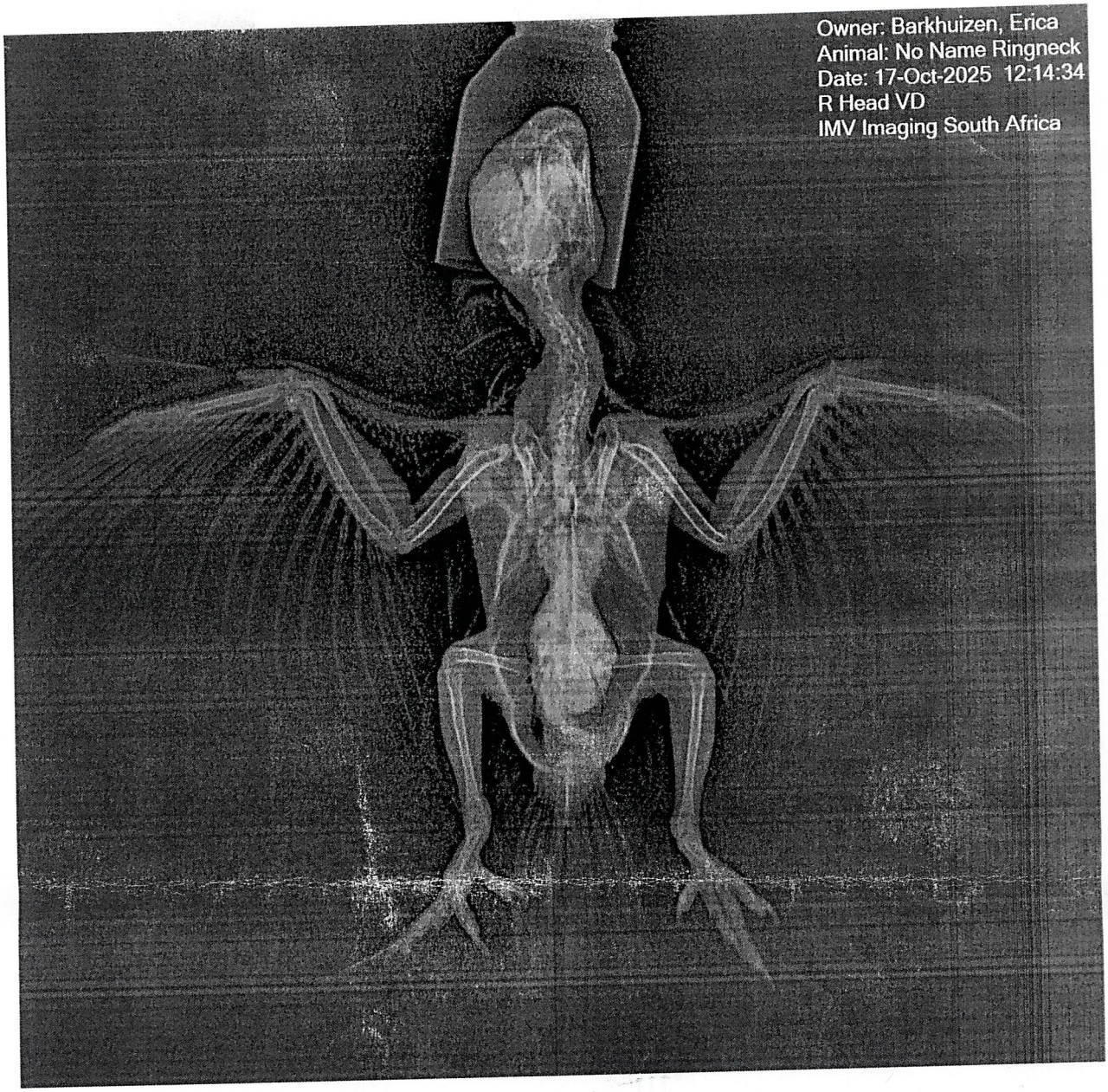
The findings confirm that your pet is in a **debilitated metabolic state**, most likely from **inadequate nutrition over an extended period**. There is no evidence of active infection, but the body is breaking down muscle tissue to maintain basic energy needs. The liver changes further support this conclusion.

Recommendations

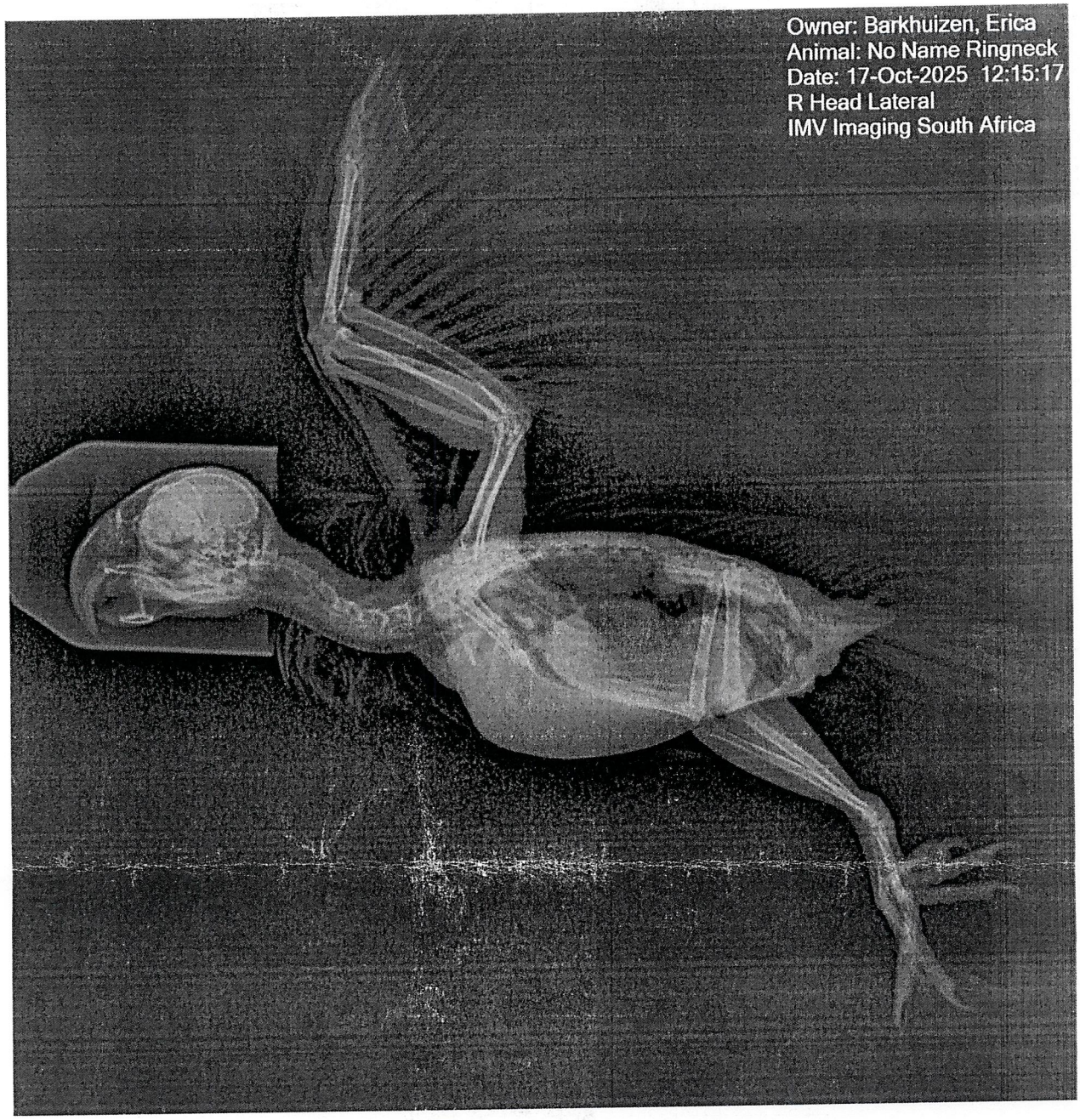
- **Stabilisation and nutritional rehabilitation** are the immediate priorities. Gradually introduce a **balanced, species-appropriate diet**, avoiding sudden overfeeding which can cause metabolic complications.
- Ensure **clean air quality and good ventilation**; avoid aerosols, perfumes, candles, smoke, or dusty bedding.
- Monitor closely for **changes in behaviour, appetite, or breathing**.
- A **follow-up blood test** is advised in 10–14 days to assess improvement and liver recovery.
- Defer any elective or non-urgent procedures until the patient's condition has stabilised.

Please don't hesitate to contact CARE if you have any questions or notice any changes in your pet's condition.

Dr JLC de beer BVSc(Hons) MANZCVS (Avian Health)
Director - CARE



Director: Dr. JLC DE BEER BVSc (Hons) MANZCVS (Avian Health)
Practice Number: INC21/15575



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CARE Centre for Avian, Reptile and Exotics
Peilmeadow Estate, Protea Road, R44,
Klapmuts, Stellenbosch, Western Cape - 7625
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zoetis

Patient ID: 19044

No Name Ringneck

Species: Parakeet
Birthdate: Unknown
Owner: Barkhuizen, Erica

Gender: Unknown
Breed: Ringneck
Doctor:

Avian/Reptilian Profile Plus

Date: Oct 17, 2025, 12:12 PM Analyzer SN: 0000V46605 Lot: 5133AB7

	RESULT	FLAG	NORMAL	
AST Aspartate Aminotransferase	263 U/L		110.0	340.0
BA Bile Acid	< 35 * umol/L	OUT	10.0	100.0
CK Creatine Kinase	6037 * U/L	HIGH	140.0	430.0
UA Uric Acid	285 umol/L		120.0	650.0
GLU Glucose	5.5 * mmol/L	LOW	14.2	20.0
CA Calcium	2.44 mmol/L		2.0	3.5
PHOS Phosphorus	1.57 mmol/L			
TP Total Protein	30 g/L		25.0	45.0
ALB Albumin	29 * g/L	HIGH	1.0	3.0
GLOB Globulin	1 g/L		1.0	3.0
K+ Potassium	4.4 mmol/L		2.9	4.6
NA+ Sodium	160 mmol/L		157.0	165.0

Hemolysis	Lipemia	Icterus
0	0	1+