

BSAVA
Congress

20
17

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The Wildlife Emergency

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Conflict of Interest Disclosure

I have no relevant financial interest, arrangement or affiliation with any company or organisation

Agenda

- Taking a history
- Clinical examination
- First aid
- Short-term care



Taking a history

Taking a history

- Where was it found?
- What were the circumstances?
- What did the finder observe?
- Legal considerations
- Get a contact number!



Handling

Handling

- Wide range of zoonoses
 - From irritating...
 - Ringworm



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- Wide range of zoonoses
 - From irritating...
 - Ringworm
 - Sarcoptic mange



Handling

- Wide range of zoonoses
 - From irritating...
 - Ringworm
 - Sarcoptic mange
 - ...to serious
 - Leptospirosis



Handling

- Wide range of zoonoses
 - From irritating...
 - Ringworm
 - Sarcoptic mange
 - ...to serious
 - Leptospirosis
 - European bat lyssavirus ('bat rabies')
 - May be subclinical



Daubenton's bat

Handling

- Wide range of zoonoses
- Physical dangers
 - Teeth



All the better to eat you with...

Handling

- Wide range of zoonoses
- Physical dangers
 - Teeth
 - Talons



All the better to eat you with...

Handling

- Wide range of zoonoses
- Physical dangers
 - Teeth
 - Talons
 - Beaks



All the better to eat you with...

Handling

- Wide range of zoonoses
- Physical dangers
- PPE
 - Gloves, masks, goggles



Handling

- Wide range of zoonoses
- Physical dangers
- PPE
 - Gloves, masks, goggles
 - Rabies vaccination



Handling

- Wide range of zoonoses
- Physical dangers
- PPE
- Equipment
 - Towel



Handling

- Wide range of zoonoses
- Physical dangers
- PPE
- Equipment
 - Towel
 - Crush cage
 - Avoid dog graspers



Handling

- Wide range of zoonoses
- Physical dangers
- PPE
- Equipment
- Technique



Handling

- Wide range of zoonoses
- Physical dangers
- PPE
- Equipment
- Technique
- Sedation/anaesthesia
 - Stabilize first!



Clinical examination

Clinical examination

- General appraisal
 - Identification
 - Weight
 - Condition
 - Demeanour
 - Body condition



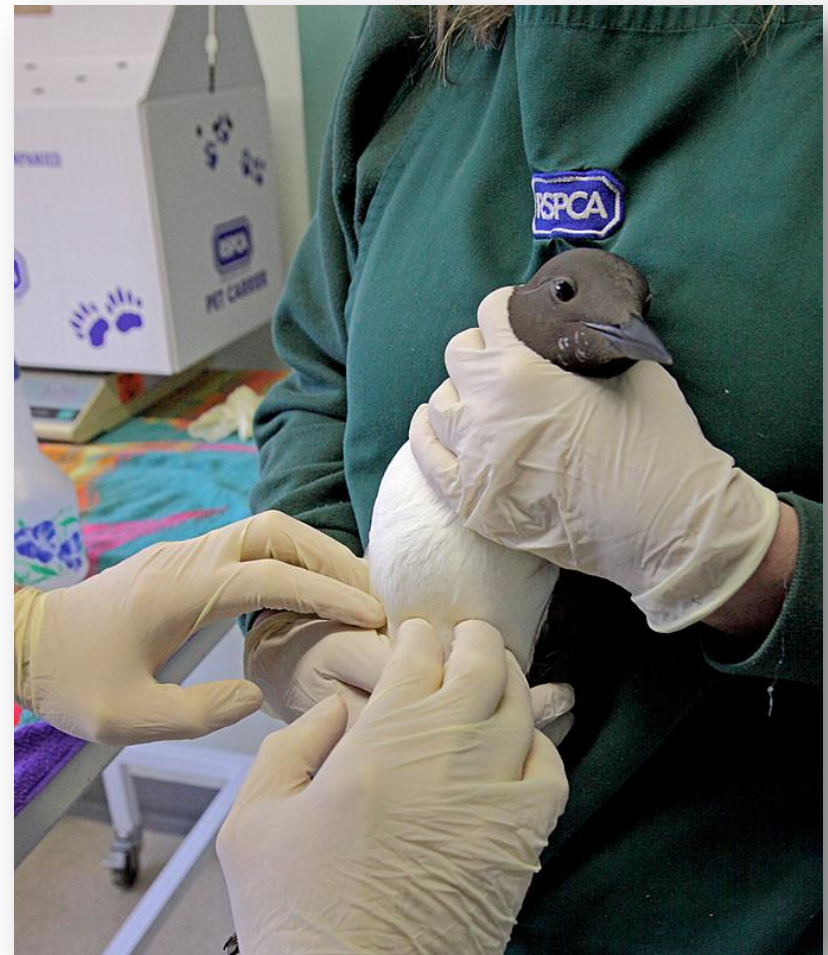
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Clinical examination

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Clinical examination

- General appraisal
 - Identification
 - Weight
 - Condition
 - Demeanour
 - Body condition
- Is there an obvious reason to stop exam?



Clinical examination

- General appraisal
- Observe
 - Wild animals will hide signs of illness
 - Difficult to assess certain things in the hand
 - Make sure the room is escape-proof!



Clinical examination

- General appraisal
- Observe
 - Behaviour



Pigeon paramyxovirus

Clinical examination

- General appraisal
- Observe
 - Behaviour
 - Lameness



Clinical examination

- General appraisal
- Observe
 - Behaviour
 - Lameness
 - Wing carriage
 - Fully dropped: carpus
 - Half dropped: elbow
 - Raised: shoulder



Clinical examination

- General appraisal
- Observe
 - Behaviour
 - Lameness
 - Wing carriage
 - Space



Clinical examination

- General appraisal
- Observe
- Examination in the hand
 - Systematic and thorough
 - Don't focus on obvious



Clinical examination

- General appraisal
- Observe
- Examination in the hand
 - Systematic and thorough
 - Don't focus on obvious



Clinical examination

- General appraisal
- Observe
- Examination in the hand
 - Systematic and thorough
 - Always look for trauma



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Clinical examination

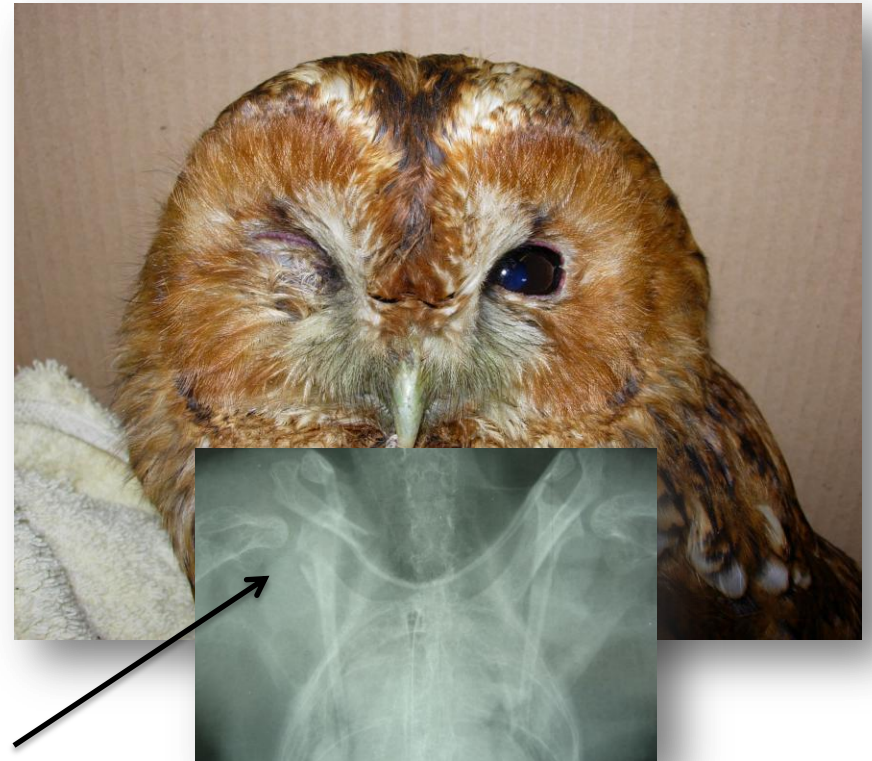
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Coracoid

Clinical examination

- General appraisal
- Observe
- Examination in the hand
 - Systematic and thorough
 - Always look for trauma



Fractured coracoids
common following collisions

Clinical examination

- General appraisal
- Observe
- Examination in the hand
 - Systematic and thorough
 - Always look for trauma



Clinical examination

- General appraisal
- Observe
- Examination in the hand
 - Systematic and thorough
 - Always look for trauma
 - Caught by cat wounds may not be obvious
 - Blow to part feathers
 - Likely to be multiple, bilateral, extensive and infected



Clinical examination

- General appraisal
- Observe
- Examination in the hand
 - Systematic and thorough
 - Always look for trauma
 - Infectious disease



Trichomonosis (canker)

Clinical examination

- General appraisal
- Observe
- Examination in the hand
 - Systematic and thorough
 - Always look for trauma
 - Infectious disease
 - General debilitation



Clinical examination

- General appraisal
- Observe
- Examination in the hand
 - Systematic and thorough
 - Always look for trauma
 - Infectious disease
 - General debilitation
 - Feathers



Clinical examination

- General appraisal
- Observe
- Examination in the hand
 - Systematic and thorough
 - Always look for trauma
 - Infectious disease
 - General debilitation
 - Feathers



So what am I going to do with it?

- Immediate release
- Rehabilitate
- Euthanasia
 - Permanent disability
 - Emaciation/end-stage disease
 - Infectious disease
 - Non-viable neonates
- Seek advice

First aid

First aid

- Hypothermia
 - Young, small, thin, bald



First aid

- Hypothermia
 - Young, small, thin, bald
 - Heat source
 - Temperature gradient
 - Monitor
 - Overheating
 - Dehydration



First aid

- Hypothermia
- Dehydration
 - Access to water
 - Per os
 - Brush-feed if tiny
 - Gavage
 - Warmed oral electrolyte
 - 10% of weight given as 4 instalments over 24 hours



First aid

- Hypothermia
- Dehydration
 - Access to water
 - Per os
 - Subcutaneous
 - Intravenous
 - Medial tarsal vein in waterfowl
 - Intraperitoneal
 - Intraosseous



First aid

- Hypothermia
- Dehydration
- Wound management
 - Avoid excess:
 - Clipping/plucking
 - Wetting
 - Antibiotics
 - Analgesia
 - Dressings
 - Non-adhesive on feathers



Short-term care

Housing

- Isolation
 - Stress
 - Predator/prey
 - Noise/disturbance
 - Cover front of cage
 - Somewhere to hide
 - Disease transmission
 - Barrier nursing



Housing

- Isolation
- Container
 - Prevention of escape
 - Ease of handling
 - Substrate
 - Cage trauma



Housing

- Isolation
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 - Prevention of escape
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 - Cage trauma
 - Feather damage
 - Avoid wire pet carriers



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Housing

- Isolation
- Container
 - Prevention of escape
 - Ease of handling
 - Substrate
 - Cage trauma
 - Feather damage
 - Avoid wire pet carriers
 - Tail guard
 - Perch
 - Soft tissue damage



Housing

- Isolation
- Container
 - Prevention of escape
 - Ease of handling
 - Substrate
 - Cage trauma
 - Monitor
 - Droppings
 - Starvation (scant/green)
 - Diarrhoea



Feeding

- Consider species/diet
 - Does it need to eat now?
 - Correct food available?
 - Cat/dog food often fine
 - Convalescent diet
 - Puppy/kitten milk replacers
 - First feed = oral electrolyte



Feeding

- Consider species/diet
 - Does it need to eat now?
 - Correct food available?
 - Capable of eating?
 - Young
 - Weak
 - Stressed
 - Recognition of food
 - Mouth injury
 - Assist feed



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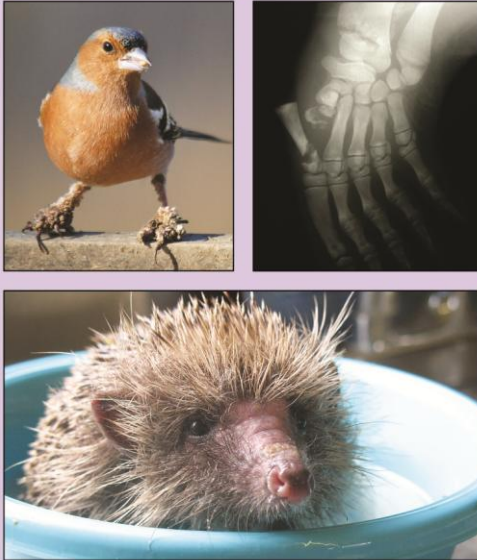
Feeding

- Consider species/diet
- Capable of eating?
- Monitor intake
 - Weight gain
- Drinking water
 - Keep fresh
 - Avoid hypothermia and drowning



Wildlife Casualties

second edition



Edited by
Elizabeth Mullineaux and Emma Keeble

Congress price £49

*Edited by Elizabeth Mullineaux and
Emma Keeble*

- Extensively revised and updated
- New topics include capture; handling and transportation; anaesthesia; care of young animals; and wildlife crime
- Species-specific chapters covering mammals, birds, amphibians and reptiles

**Available from the Publications Library on
the BSAVA Balcony**

Thank you for listening!

