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Introduction

Inappetence (also called hyporexia, anorexia) is a common presenting sign in cats
For cats periods of inappetence can lead to deleterious consequences
Coften multiple causes (not just the underlying illness)
Manage with combination of approaches
Satisfying to manage effectively
Should never be ignored

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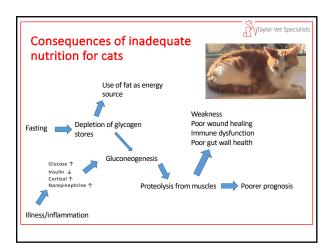


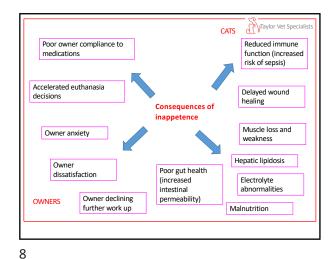
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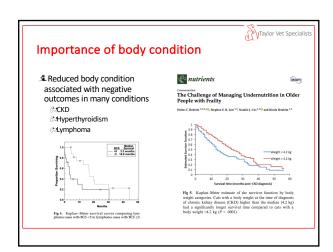
When the cat refuses food...

4. It causes the owner worry
4. It could be inadvertently re-inforced
4. It may prompt the owner to seek veterinary attention
4. If not managed promptly owners may lose faith
3-in the clinic
3-in the cat's ability to recover
3-in spending more money
4. It worsens dehydration
4. May make it very difficult to medicate the cat
3-Affecting recovery
3-increasing client anxiety that they are not helping their cat

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Nutritional assessment

A Nutritional status is fifth vital sign

Flemperature

Pulse
Respiration
Pain assessment
Nutritional assessment

A Particularly important in hospitalised and critically ill patients

A Should be part of admission of hospitalised cats

WSAVA Nutritional Assessment Guidelines

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Good habits: nutritional assessment

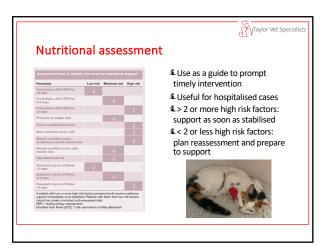
Muscle condition score

Some cats may be overweight but have poor muscle condition score
Particularly cats with chronic health issues

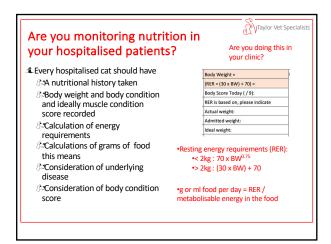
OOA
CKD
Gid disease

1.0-3 score
O severe muscle wasting
O1 moderate muscle wasting
O2 mild muscle wasting
O3 normal

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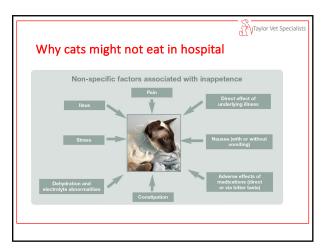
But not so good at nutritional assessment...

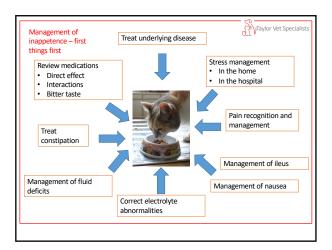
PAPER

Knowledge, attitudes and application of nutritional assessments by the veterinary health care team in small animal practice

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Simple changes to the hospital cage: a place to hide

4. Hospitalised cats MUST have somewhere to hide

4. Clear evidence of reduction in stress

4. In shelter studies provision of hiding place reduced incidence of disease

4. Anxiety will be reduced by a giving back some control

4. Some cats like to 'perch'

4. Simple solutions

6-Cardboard box

6-Basket in cage

21 22





23 24



- Avoid 'polypharmacy'
- ♣Drug interactions underdiagnosed
- Many drugs may cause nausea
- Opioids cause ileus and nausea, constipation plus over-sedation
- Consider indication for the drug eg omeprazole
- Bitter tastes: metronidazole, ranitidine, gabapentin



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### When to intervene?

When do we worry about

- hyporexia? After 2 weeks of inappetence?
- ∂:After 2 days of inappetence? ∂ After 5 days of inappetence?
- ∂:After 3 days?
- Limmunity impaired (decreased CD4+ and CD8+ at 4 days)

Consider support for any cat eating:

8≪RER for 3 days ⊕Predicted >3 days



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Biochemical and Molecular Action of Nutrients

Acute Starvation and Subsequent Refeeding Affect Lymphocyte Sub and Proliferation in Cats<sup>1</sup>

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Postponing interventions just leaves more time for negative effects of inappetence

Don't wait until tomorrow

- Hard to regain lost condition
- Don't rely on hope (or tuna!)
- **₡**Don't wait for results
- Consider how to improve appetite while waiting for test results
- **♣**Soft adaptations
  - © Tempting © Warming food
- Appetite stimulants



# Appetite stimulants

- Can be very useful in the management of hyporexia
- ≰Inappropriate use will lead to treatment failure
- Appetite stimulation in the presence of nausea and pain will fail
- Consider compliance to medications (are you just adding another tablet?)
- Consider each case individually
- **≰**Unlikely to 'mask' illness



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Not appropriate to use

**∂**\*Prednisolone

Inless treating the underlying disease

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ී Diazepam

**∂**Anabolic steroids

∂⇒Propofol (although

proven affect) ಿ Megestrol acetate

∂3B12? – unless

deficient

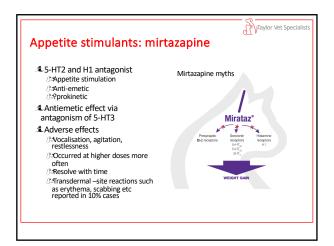
## Appetite stimulants: use them at the right time

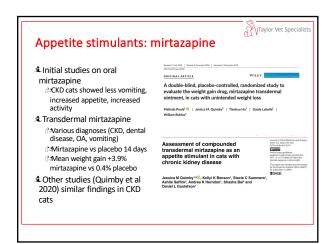
- Consider when to use the drug
- ಿPain controlled
- ಿNausea controlled
- ∂ Anxiety reduced
- ∂ Offering appropriate foods ಿUnderlying disease improving/managed
- Left with some food aversion
- ্রশাnterest in food but inadequate intake **∂**\*Outpatients
- ☼ Earlier in course of disease
  ☼ Whilst waiting for results
- Recovering from illness
- According to local licensing rules



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Let's start with a question

A How often do you place feeding tubes (any type) in cats in your clinic?

B-Never
B-Occasionally
F-requently

If never – why not?

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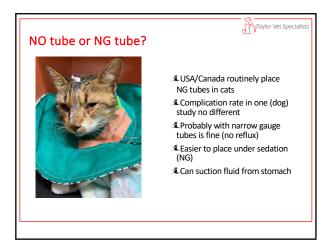


Naso-oesophageal feeding tubes

• Easy to place
• Short term nutrition (3-5 days)
• Conscious or sedated (consider gabapentin for example)
• Use lots of local anaesthesia in the nose and wait long enough
• Secure: tape and glue, staples, sutures
• Irritates some cats and will deter voluntary food intake
• Try to use soft collars with them
• Complications are unusual
• Easily obstructed
• Can't give crushed meds
• Narrow bore precludes many diets

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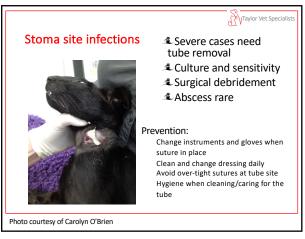


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Taylor Vet Specialist Dealing with stoma site infections If severe can necessitate tube removal Swab for culture if possible in severe cases ©increase cleaning/re-dressing of area with chlorhexidine or ∂⊐Check sutures not too tight in Consider using antibiotic impregnated discs

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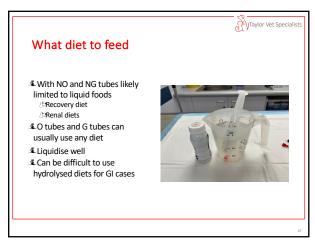
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When should you consider placing
a feeding tube?

Learly use of feeding tubes can reduce hospitalisation
Learnemptive nutritional support beneficial

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Feeding via tube: how much

4. Adjust according to period of inappetence, tolerance, go slow

4. Usually

6. 1/3 RER day one

6. 2/3 RER day two

6. Start lower if risk of refeeding syndrome

4. Monitor weight/hydration

4. Adjust according to body condition and growth for eg

4. Do not try to correct deficits in body condition in sick cats

6. 3/4 im for maintenance

6. 3/5 or risk overfeeding

4. Monitor and adjust

4. Illness factors not recommended

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### Feeding via tube



- Consider meal volume and any delays in gastric emptying (usually 5-10ml/kg max)
- Some cats need small frequent meals (pancreatitis, liver disease)
- Cothers will cope with larger volumes (jaw fracture)
- CRI feeding possible 3-8ml/hr
- Adjust parenteral fluids (most liquid diets are 75% water)



Tips for cat friendly tube feeding



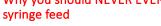
Allow cat to relax before starting, give hiding place/bed

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- Gentle support, cat carrier if needed
- No forced restraint
- Feed slowly monitoring for physical or emotional discomfort Positive reinforcement
- Warm food to body temperature
- Cat Friendly Clinic principles

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- Rarely meet nutritional requirements
- Risk of aspiration
- Causes stress and fear
- Cause of food aversion that can be longstanding
- Some cats will tolerate this BUT still be finding the experience stressful



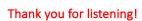
Inappetent cats: summary





- Multifactorial causes
- ♣Deleterious to recovery Nutritional assessment important
- Confidence to intervene rather than leave another day
- Appetite stimulants can be useful but manage other factors too
- Remember the role of stress for hospitalised patients

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