



Assisted enteral feeding in a donkey with dental problems: a case report

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Description/Anamnesis

- Name: Manon
- Species: donkey
- Sex: female
- Age: 19 years old
- Current weight: 94 kg
- Estimated ideal body weight: 120 kg
- Persistent nasal discharge



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BCS



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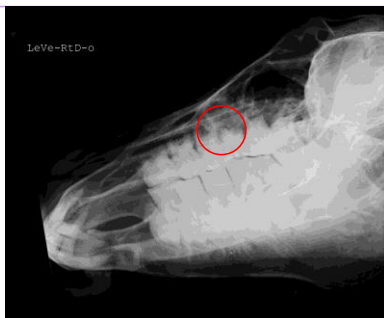
Medical Imaging



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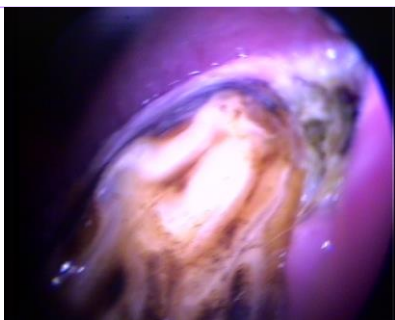
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Dental examination



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Treatment

- Dental care
- Sinusotomy under general anesthesia
- Antibiotics
- NSAIDS
- Naso-esophageal feeding tube
- Muzzle



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Considerations for formulating an assisted enteral feeding advice in equines

- Stomach volume¹
- Avoidance of high starch (>25% DM) diets²
- Increased intestinal transit time²
- Gradually increase the amounts³
- Properly soak the feed³

¹Smith, Harris (2013)

²Coenen (1986)

³Carr (2013)

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Post operative assisted enteral feeding advice

5 meals a day of:

- 250 gr Pavo mash feed
- 100 gr alfalfa pellets
- 15 ml corn oil



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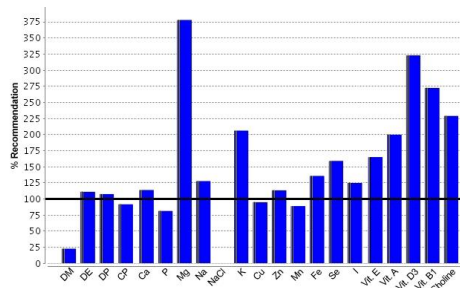


Pavo Slobber		Daily intake	
DE	12,6 MJ/kg	1,0625	kg DM
DP	115 g/kg	1,25	kg FM
Crude protein	150 g/kg	5,0	meals per day
Crude fat	70 g/kg	0,25	kg per meal
Crude fiber	70 g/kg	15,75	intake DE (MJ/kg)
sugar + starch	360 g/kg	143,75	intake DP (g/kg)
corn oil		0,06375	
DE	27,8 MJ/kg	0,075	kg DM
Crude fat	995 g/kg	5,0	kg FM
		0,015	meals per day
		2,085	kg per meal
			intake DE (MJ/kg)
alfalfa pellets		0,425	
DE	10 MJ/kg	0,425	kg DM
DP	32,76 g/kg	0,50	kg FM
Crude protein	78 g/kg	5,0	meals per day
Crude fat	11 g/kg	0,1	kg per meal
Crude fiber	165 g/kg	5	intake DE (MJ/kg)
sugar + starch	60 g/kg	16,38	intake DP (g/kg)
*Sugar and starch	96 g/meal		
intake/meal	1,02 g/meal/kg		
*total DM	1,6 tot. DM intake	2,35	max 2,5% DM intake

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Assisted enteral feeding advice



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Follow up

- Control 8/5/2013
 - gap remains
 - curettage
- Regular follow-up
 - permanent fistula
 - treatment is discontinued

Day 15: Going home advice

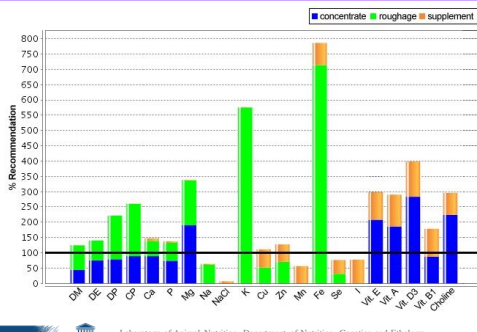
Soft feed to limit contamination of the sinus

Amounts per day, divided in at least 3 meals a day:

- haylage, with a minimum of 1.7 kg
- pasture access
- 810 gram Aveve Recup Mash
- 75 ml corn oil
- 10 gram Cavalor Nutri Plus



Going home advice



Prognosis: reserved

- chronic infection
- recurrent nasal discharge
- life quality



Thanks to

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Thank you for your attention