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LAMINITS

THE BARN
E Q U I N E
S U R G E R Y

- Common
- Very painful
- Sometimes fatal
- Permanently deforming

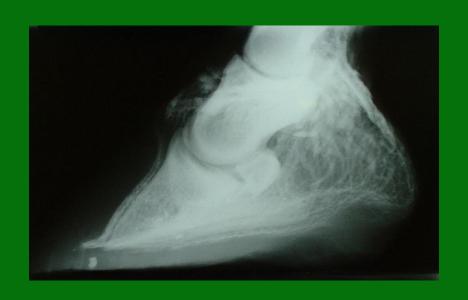


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Traditional Treatment

- Off grass and diet
- Painkillers 'bute'
- ACP dilates blood vessels and sedates. EBM.
- Support pedal bone deep bed / frog supports
- X-ray for trimming and
- Heart bar shoes





Cushing's Disease Signs

- Usually 15 years or older
- Laminitis
- Hirsutism
- Body fat redistribution
- Polydiypsia /polyuria
- Imunosupression
- Sweating
- Cataracts

Cushing's Disease

Cause, Diagnosis and Treatment

- Cushing's=PPID Pituitary
 Pars Intermedia
 Dysfunction
- Decreased dopamine from hypothalamus
- Increased ACTH- Blood Sample
- Increased cortisol
- Pergolide = Prascend increases dopamine



HEBARN QUINE URGERY



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Equine Metabolic Syndrome EMS



- Caused by Obesity
- Similar type 2 diabetes in people
- Genetic disposition ponies esp
 Shetlands and donkeys
- Commonest cause of laminitis
- Blood sample after overnight fast
- Glucose tolerance test
- Treated by dieting, exercise and drug (metformin)



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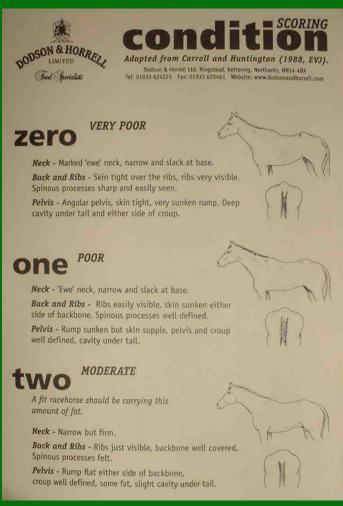
Exercise

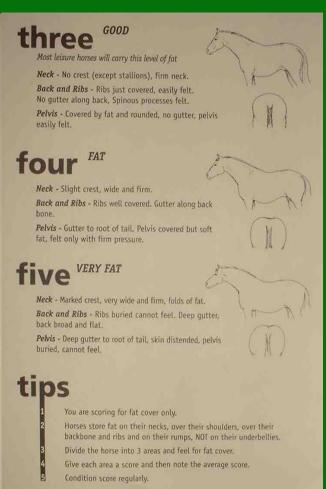
























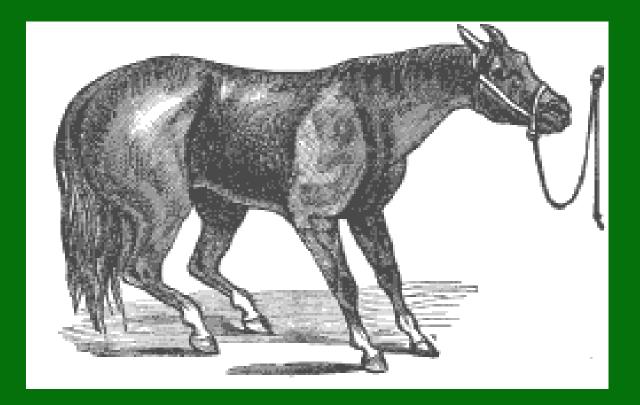
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How to Diet

- Limit forage
- Cut out concentrates
- Provide Vitamins and Minerals





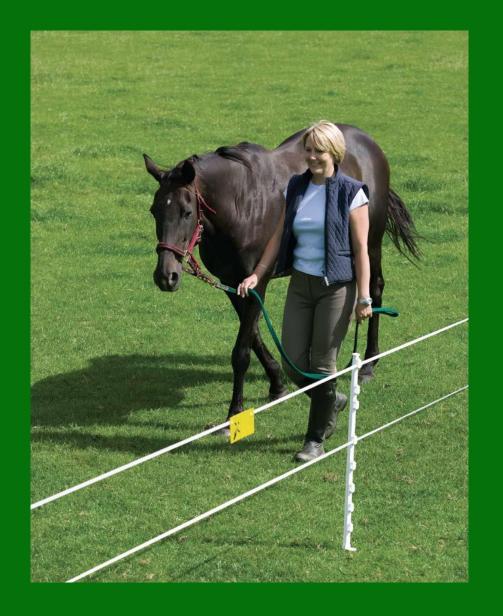




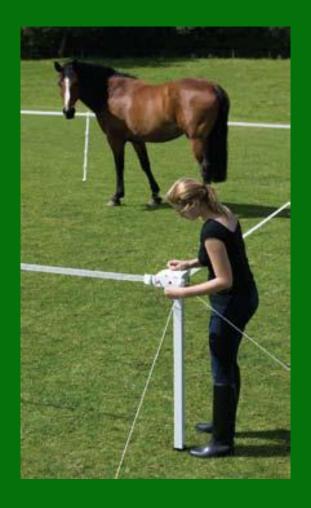












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Successful Dieting

- Measure heart girth / weight with weigh band
- Record measurement and date so progress and trends can be monitored









Successful Dieting

- Record weekly to start with
- Set a target (30-60 kg)
- Take 3 months to get there
- Do not starve
- •But do be strict!







Other Reasons for Avoiding Obesity

- Lipomas
- Lameness
- Hyperlipaemia
- Allergies



Take Home Message

- Get off grass onto deep bed
- Hormone causes
- Cushing's age and signs
- EMS test if obese
- Traditional T* still important incl painkillers, ACP and frog support
- X-ray and trimming
- X-ray essential for heart bars



What's New?

Botox

 Metalloproteinase inhibitors

