Case scenario

A twenty-five year old female presented with intermitted upper abdominal pain for two years.

She is a villager and there was history of weight loss and off/on history of fever.

There was no previous hospitalization and surgical interventions.

No significant family history could be found.

There was history of keeping sheep and Goats at home.

On clinical examination patient was a fibrile vital were stable, systematic review was normal.

Abdominal Examination: 4X4 cm mass firm in consistency in Epigastric area moves with respiration slight tenderness in epigastric area.

There were no visible pulsation or peristaltic movements on it.

What is

- differential diagnosis
- causative agent and its life cycle
- Diagnosis and Treatment
- Surgical Approach



DDX of Epigastrie mass.)

O reproducedly (left 16be) + mass

D parcreatic Abovess or pseulocyst

3 CA Stowards

DDX of liver masses

In this palut, considering excepting in the Eenax

O Hydatil Civer Disease v Ho conact who sheep a charic four 7 pain - Int his

The F:M = S:1 ~ most cannon pring 1 m from

~ F>M ~ 2ve mast ornnar after penagiana

Thepatic Azerama

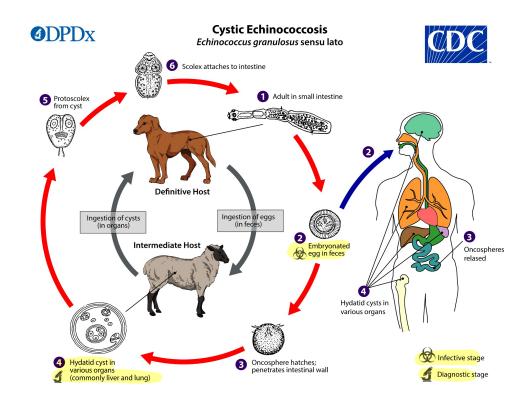
~f>M ~oral contraceptions +++

9 HCC - unlikely in this petert



CAUSATICE AGENT 2 IT', DE CYCLE

~ Echinocaccus granubsus



+ The liver 15 the Site of 75% of hydrication cysts.

Dogs

Different

Diffe

O Humans ?

Steep ingest the

Steep ingest the

Oval in contamination

to invoke partial

tributanies of pass

into liver

D Hydatids may pass on to the augs, brain, bours 8 other organs.

I The discose is common in Sleep reoring communities

c.g. Australia, Iceland, apprus, southern Europe, cafing

q wales.

W.

Meliforenias Cauthres

IN ACTICLE CYST ACTIV CYST

- Asymptomodic mass - may be a post-mostery finling May rupture into partner

(Ovity - plural carity
alimental tract or Billing tree

o may become infected

(ferur, pain, terry)

o produce obstructive jouline

Clinical TRAJMENT

o plain abdominal X-ray

may show dear zone (products by the ayst)

may show fledles of calafration in the agrihall.

(i) Al Danmed USS ~ Cocalization of the cyst (multipalates myst) +1- postar sharaing

L+ Supporter Wife CT Scan

Floating
Membrans

+1- calapatran

(Support bly sign)

9 Sevology ('ELISA)

a Eupens on the Sensitraction of potat

to hydatil Fluid, which entains a specific
autispen, the healeage of which inlines entitoring

production.

of Anti-echinococcus autibodes (Igo)

(B) Giosnophil court

Non-specific eosinophilia, which

Should grouse suspicion.

PREATMENT

- O A calcifier cyst Should be left alone.
- @ other cyths should be treated to acord complications

merical Bx

or Lisapperance of the cyst

(~ faille of OR ~ complications)

FUDICATION FOR SURCERY

~ Bailey 2 lives B SUROJCAC APPROACH

- PERCUTANEOUS TREATMENT of Hydratiz cyst safe ? effective
- 1 an initial course of albertazole
- P @ Princture of the cryst under image quidave
- A 3 Aspiration of the ught content
- I I Instillation of hypertonic soline into the cryst carry

R 3 Resupration PADO Reciplication

Application

Application

Failure of PAIR ? melical Rx]

- B SUPPLICAL INKLUENTON Pangrs from
- 1 O Cover Resection
- is ugst excision ((old excision)
- 1 Devasting with evacuation

Albi2 Confaminating the pertanent cally who Active Hydahi2 Langulers by 30

D continuing therapy who alberrande

D Azzing pergenative prazignantil

3 packing of pertaneal carty who ZOI.

Hypertanic Soline source packs

O Dustilling 20% hypertanic Schine into

3 Biliany communication Should be sought of Sutures.

Restaud cavity may become infecter of aneutoparty

~ packing the space why prescled grater amentum

~ als remas between

of calaprel upsits may well hereal of any Landst & Fluwon USS

Acutive cysts will =>
D grow in Size
O Became more superficial

P.S.

Rupture of Langutur hyzatrs into the portray tracits

Obstructive OR chokugus

Taurice

this is a more common cause of journe rather than compassion by the ayst itself

Prior to cyst remaral

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