Fetotomy operation

Dr Hany Lotfi

Faculty of veterinary medicine, Zagazig University
**Definition:** It is a process aimed to reduce the size of the fetus by cutting of any part of the fetus (partial) or complete cutting of the fetus to small part (total)

**Indications** The fetotomy is indicated to handle a case of dystocia with dead fetus

**Partial fetotomy**
1- Uncorrectable F.P.P.P
2- Fetal monster

**Total fetotomy**
1- Fetomaternal disproportion
2- Incomplete cervical dilatation (1st degree)
3- Emphysematous fetus
4- Fetal monster

**N.B** Fetotomy may be used in the same situation with live fetus???????
Advantage over C.S
1- Require little assistant
2- lower cost
3- less intensive postoparative care
4- The method of choice for handling dystocia in mare
5- It may be used to avoid excessive manipulative delivery pervagina
6- The future survivability, productivity and reproductively is better

Disadvantage or dangerous
1- Possibility of laceration or perforation of the birth canal
2- Prolonged fetotomy may result in server exhaustion of the dam or
3- Possibility of injury to the obstetrician
Type of fetotomy according to the method of cutting

1- Subcutaneous
2- Percutaneous
Types of cut

- Transverse
- Longitudinal
- Oblique
Preparation of the fetotome

Saw threader

End of fetotome

Head of fetotome
Diagnosis: as in Figure 15.11. Amputation of the base of
Transverse or oblique cut

1- Preparation of the fetotome

2- Fixation of the organ to be cut

3- Passing the robe or the chain in the wire saw lobe
3-Passing the wire saw around the organ to be cut and fixation of the fetotome
Precaution during cutting

1- Be a sure that the wire saw is not cross over each other

2- Avoid friction of the wire saw in the lateral wall of the tube

3- Using the longest portion of the wire saw during cutting

4- Apply traction on the wire saw during cutting

How to assure that the cut is completed
Longitudinal cut

1- Preparation of the fetotome

2- Passing the saw director around the organ to be cut

3- Threading the wire saw in the other tube

4- Introduce the fetotome
Total fetotomy
German method in anterior presentation

1\textsuperscript{st} cut

2\textsuperscript{nd} and 3\textsuperscript{rd}
Krey Hook on Obstetrical Chain
transverse division of fetal trunk in lumbar region

amputation of rear limb

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German method in posterior presentation

1\textsuperscript{st} and 2\textsuperscript{nd}
Danish method in anterior presentation
transverse division of fetal trunk in lumbar region

4th

amputation of rear limb

5th
Danish method in posterior presentation