Uterus Types in Different Species

• Simplex
  – No horns; isthmus connected to uterine body
  – Primates

• Duplex
  – Large horns, no body, 2 cervices
  – Rodents, lagomorphs

• Bicornuate
  – Has both uterine horns and uterine body
    pigs (large horns); cow, mare, sheep
    (moderate horns and body)
Porcine Reproductive Anatomy

Bicornuate Uterus

Uterine Horn

Mesometrium

Bladder

Vulva

Uterine Body

Ovary

Cervix

Vagina

From: Learning reproduction in farm animals, at http://animalsciences.missouri.edu/reprod/images.htm
Bicornuate Uterus

From: Learning reproduction in farm animals, at http://animalsciences.missouri.edu/reprod/images.htm
Mare Reproductive Tract

Bicornuate Uterus

- Uterus
- Cervix
- Bladder
- Clitoris
- Ovary
- Mesometrium
- Vagina
- Vulva

From: Learning reproduction in farm animals, at http://animalsciences.missouri.edu/reprod/images.htm
Diagrams of Placenta Types

From: http://www.vivo.colostate.edu/hbooks/pathphys/reprod/placenta/structure.html
## Placenta Types in Different Species

<table>
<thead>
<tr>
<th>Type</th>
<th>Found in:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diffuse</td>
<td>Horse, pig</td>
</tr>
<tr>
<td>Cotyledonary</td>
<td>Cows, ewes, other ruminants</td>
</tr>
<tr>
<td>Zonary</td>
<td>Dogs, cats, seals, bears, elephants</td>
</tr>
<tr>
<td>Discoidal</td>
<td>Primates (incl. humans) and rodents</td>
</tr>
</tbody>
</table>
Examples of Diffuse Placentas

Pig

Horse

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From: http://www.embryology.ch/anglais/fplacenta/popuppl/type/diffus.html
Zonary Placenta

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From: http://www.embryology.ch/anglais/fplacenta/popuppl/type/zonaire.html
Discoidal Placenta - Primates

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From: http://www.embryology.ch/anglais/fplacenta/popuppl/type/primate.html