

# Behavioral patterns in dogs



# 1-ingestive behaviour

## A-feeding behaviour

### *1-in puppy*

- *Show degree of non nutritional sucking*
- *Sleep with nipple in mouth*
- *Strength of sucking increase by food reinforcement*



## *2-In adult*

- *Eat more in group*
- *In group exert dominance relationships*
- Dominant animal take much food than*
- *subordinate*





## B-drinking behavior

- Dog of 20kg take 1liter
- .5 by drinking and rest by food
- Drink 9times of 60ml each time



## 2- Eliminative behaviour

- Helps in communication
- At 2.5 w stimulated by licking to anogenital region
- At 18d they deposit urine and faeces in corner at whelping box
- At 3w they restrict defecation to particular section in kennel
- Male puppies spread hind legs and slightly lift one of them
- Adult male lift one of them ,direct urine to one object to mark it with urine



# **3-Sexual behaviour**

## **A-courtship**

### **1-Male**

- **He smell urine of femal in oestrus, then urinate then respond to that by tounging**
- **That action facilitate chemical carried on oestrus urine to vomernasal organ which behind front upper incisors**

**Then investigate head, body, lick vulva**

**Then elevate rump, turn tail, grasp thighs by  
fore legs then neck by teeth**



## **2-Female**

**1-in pro oestrus she play, run ,investigate genital organ but not allow mating**

**2- at end of oesrtus acceptance occur**



## **B-Copulation**

**Receptive female stands, tail to one side, male penis enters vagina**

**Posterior portion of penis swells and holded by constricted vagina muscle called tying or locking**

**This essential for injection of semen in uterus that takes about 10-30 minute**

## ■ Copulation



# Copulation (locking)



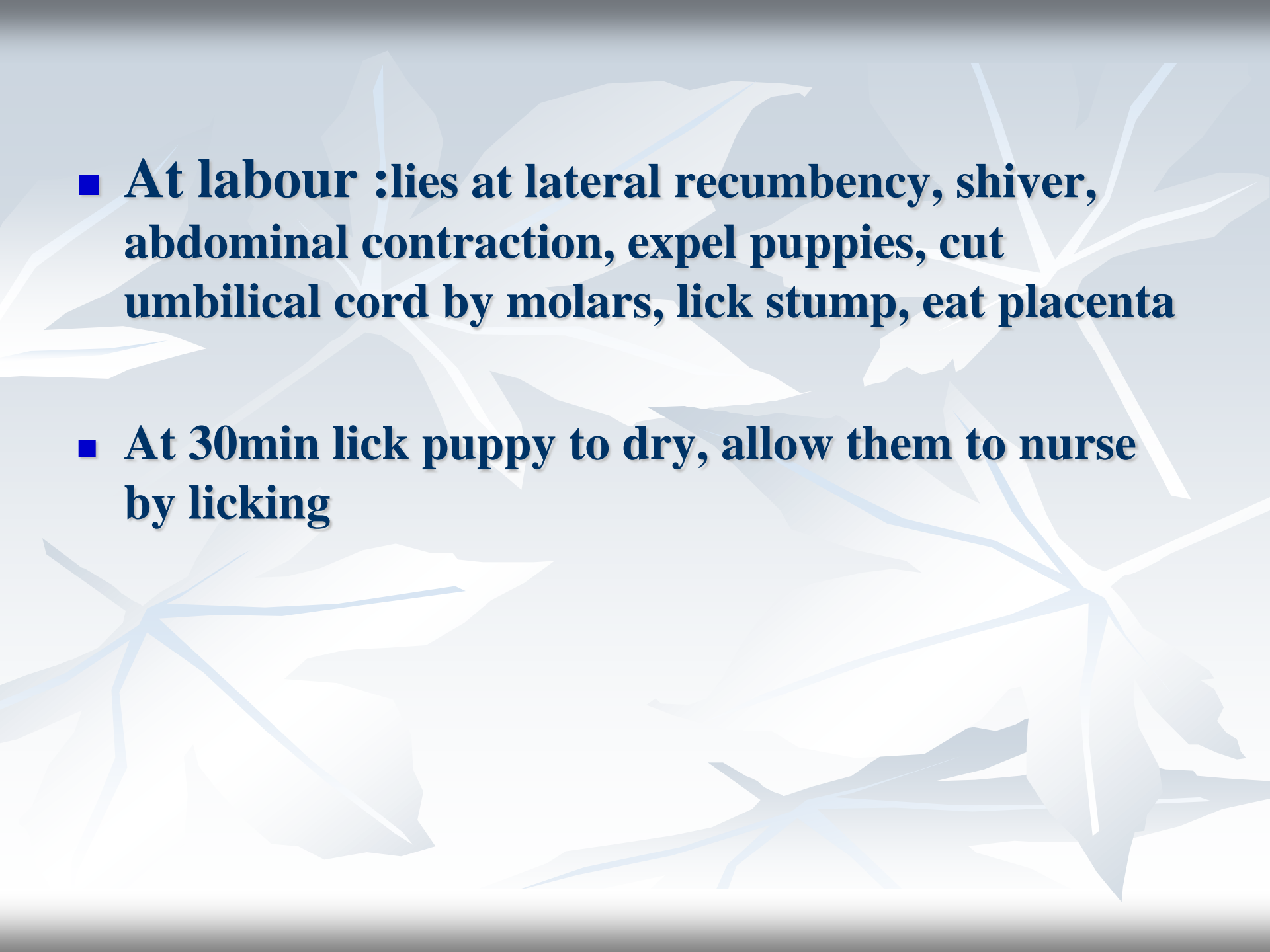
# 4-parturient and maternal behaviour

## A-Parturition

- Late pregnancy: activity decreased, appetite increased
- Last week: eat small, abdominal pressure increased, grunt when carry large litter, make nest
- At parturition: restlessness, temperature





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- **At labour :lies at lateral recumbency, shiver, abdominal contraction, expel puppies, cut umbilical cord by molars, lick stump, eat placenta**
  - **At 30min lick puppy to dry, allow them to nurse by licking**

# B-Nursing

- Puppies nuzzle fur of mother, burrow beneath her
- After locate nipple; they jerks with head, push mammary gland
- with feet, arrange feet to support feet against mother



# C-weaning

- **First days: she spends most time with puppies**
- **Early lactation: approach puppies to initiate the nursing**
- **At 3 w :they open their eyes so locomote well they approach their mother and initiate nursing**
- **Weaning at 60 days**



# 5-Social behaviour

## A-Allelomimetic behaviour

Characteristic for dog

Pair of dogs run faster than single dog





# B-Agonistic behaviour

## Social hierarchy

**Fighting occurs at 9-10w leads to  
establishment of social hierarchy**

**Submission indicated by**

**1-ears backed, tail lowered**

**2-lowered body posture**

**3-on extreme fear dog lay down on  
its side, lift hind leg, urinate**



# Dominant dog

**1-erect tail and ears**

**2-see towards submissive dog that turn its head, avoid eye contact**

**3- submissive dog remain as running may elicit attack**

## Determination of dominance

**1-by territoriality where small sized attack large sized one**

**2- by breed temperament**

**3-male usually dominate females**



# **Factors influencing agonistic behaviour**

**1-territorial aggression**

**2-fear induced**

**3-irritability**

**4-parturation**

**5-perdition**