

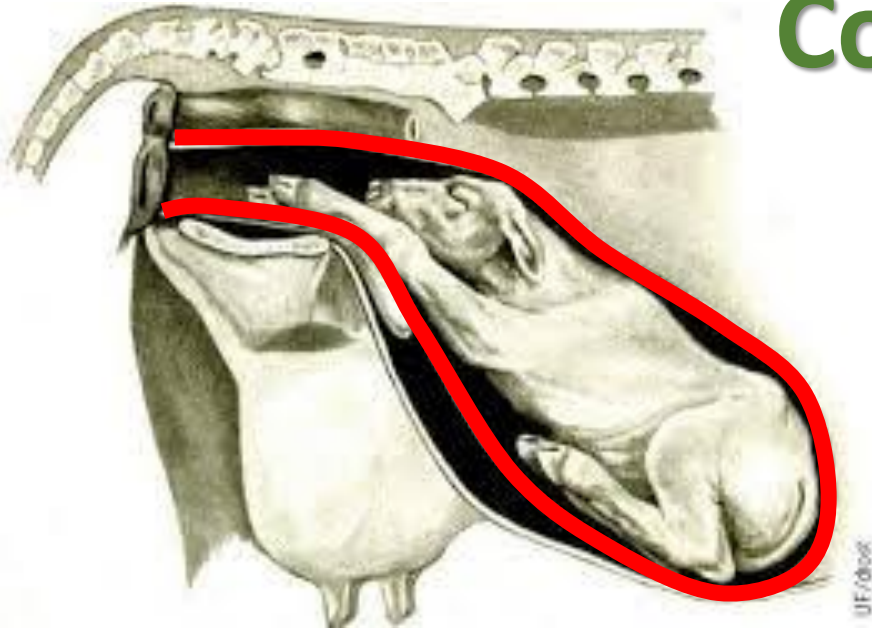


Colostrum quality and improved colostrum management

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CALF REARING
FOR TOMORROW'S HERD





Colostrum 1 2 3

1. **1st** milking only

2. Feed within **2** hrs of birth

3. Feed **3** litres

- No transfer of antibodies between cow and calf
- Calf is almost entirely dependent on absorption of antibodies from colostrum
- **NEED CLEAN CALVING FACILITIES**

Producing High Quality Colostrum

HYGIENE HYGIENE HYGIENE!



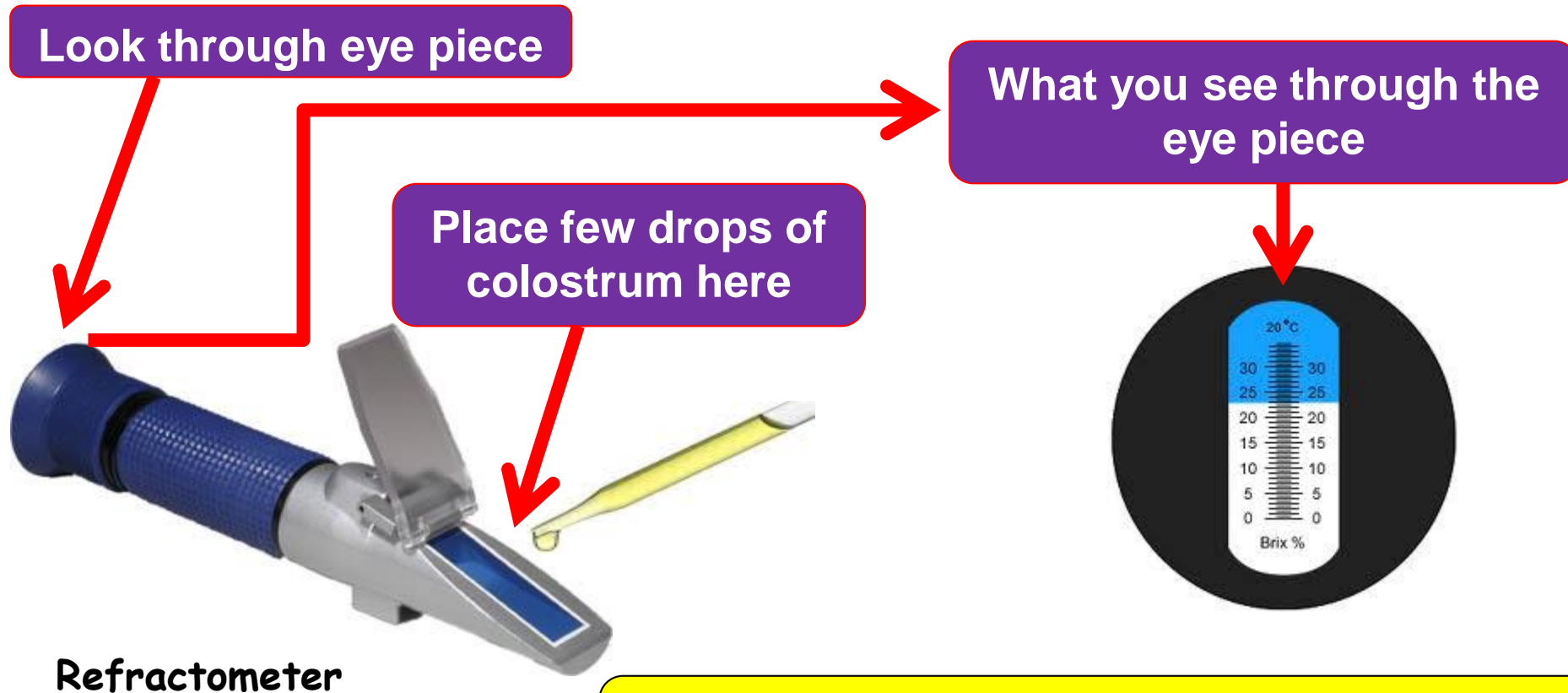
**Clean equipment for
collection and feeding**

Factors Affecting Colostrum Quality

- Time from calving
- Lactation number
- Month of calving
- Volume produced



Testing Colostrum Quality



Refractometer

Values greater than 22% represent high quality colostrum suitable for calves 1st feed

Storing & Defrosting Colostrum

- Freeze or refrigerate within 3 hours
- Store for 1 year in freezer or 48 hours in fridge
- Minimise bacterial growth



WARNING



NO boiling water

NO microwaves



Heating/Defrosting Colostrum:

- Water <60°C
- Bag vs bottle
- Steel bucket



Antibody absorption increased when colostrum is fed warm