1. **PURPOSE**

To milk an injured or sick cow in a box stall.

2. **RESPONSIBILITY**

All permanent, casual and student staff

3. **MATERIALS**

3.1 Milk Pail with orange tag
3.2 Lid with pulsator
3.3 Rubber seal,
3.4 Long clear plastic vacuum hose

4. **PROCEDURES**

4.1 One person MUST remain in the dairy barn with the cows being milked at all times.

4.2 Refer to the Milker Action Sheet to determine which cow(s) need to be milked with the box stall milker and if milk needs to be discarded

4.3 Box stall milker assembly:
   4.3.1 Install the gasket in the lid.
   4.3.2 Transport material from the electric room to the box stall in the barn.
   4.3.3 Attach the box stall milker hoses and vacuum hose to the lid (Fig A.)
   4.3.4 Ensure that the Stainless steel valve on the lid is closed (perpendicular to the milk line hose) before starting.

4.4 Prepare the cow for milking as per **SOP DC-605: Preparing Cows for Milking**.

4.5 Attach the other end of the vacuum hose to the vacuum line. (Fig B, Fig C.). When the milker is pulsating it is ready to be attached to the cow.
4.6 Attach the milker to the cow to milk her.
4.7 Do not leave the cow unattended as the milker does not automatically retract.
4.8 Regularly observe the milk flow. When the teats are empty, remove the milker:
   4.8.1 Close the stainless steel valve on the pail lid (perpendicular to the milk line hose)
   4.8.2 Pull the valve up on the milker
   4.8.3 Hang the milker on the side of the pail.
4.9 Post-dip the teats as per SOP DC-606: Post-Milking Procedures.
4.10 If instructed to
   4.10.1 DISCARD MILK: empty pail into the Dairy barn manure gutter ONLY. As much as possible, do not allow
   the milk to go down the drain in the milk house; the fat from the milk will clog the drain.
   4.10.2 HARVEST COLOSTRUM; refer to SOP DC-501: Colostrum Management.
   4.10.3 HARVEST TRANSITION MILK; pour the milk into the blue bin in the walk-in fridge.
4.11 Check when treated cows receiving intra-mammary infusions are receiving treatments. The treatment book is on
   the dairy office desk. Treatments MUST be administered immediately after milking for maximum efficiency. Refer to
   SOP DC-306: Mastitis Treatment.
4.12 Wash equipment as per SOP DC- 604: Box Stall Milker Sanitization.

Document Status and Revision History

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