

**MILKING PAIL COWS IN BOX STALLS****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.



**Fig. A.**  
Attach the box stall milker hoses and vacuum hose to the lid



**Fig B.**  
Attach the other end of the vacuum hose to the vacuum line.



**Fig. C**

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- 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*

DATE	PREVIOUS VERSION	NEW VERSION
7-Nov-2017	Revision# 01 (New)	MAC FACC approved