

Steps to successful milking procedure (Part 5)

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In this edition we look at the end of milking, with specific reference to the prevention of liner-slip.

Liner-slip: Principles to respect

- Vacuum fluctuations in the claw can encourage the entrance of bacteria into the teats, as well as mastitis.
- Liner-slips are the most significant cause of vacuum fluctuations.
- Squeezing the short milk tube is another cause of vacuum fluctuations at the teat end.
- Machine stripping (pushing down on the claw and/or massaging the udder) and the removal of one teat cup allow air admission and vacuum fluctuation.
- With machine stripping cows get used to waiting for stripping to milk out completely.

What to do

- If there are liner slips, react immediately. You may have to readjust the unit.
- Don't pinch the short milk tube.
- Avoid removing one teat cup before the others.
- Avoid pushing down on the claw.
- Avoid massaging the udder, especially close to the teat cup.

Cluster removal: Principles to respect

- Over-milking stresses the cow. It increases risk of liner-slip and increases teat damage.
- With automatic take-offs, routine use of "manual" indicates malfunctioning equipment or improper procedure.
- Taking off a unit that is under vacuum, stresses the cow. It causes an air admission encouraging vacuum fluctuation, the entrance of bacteria into the teat and mastitis.
- The same is true with the removal of one teat cup.

What to do

- With a well adjusted automatic take-off, the use of "manual" should be infrequent.
- Without an automatic take-off watch carefully for the end of milking and avoid over-milking.
- Close a proper valve to shut off the vacuum before unit removal.
- Wait one or two seconds and pull down gently to remove all teat cups at once.
- Avoid removal of a unit that is still under vacuum.
- Don't remove the teat cups one by one.



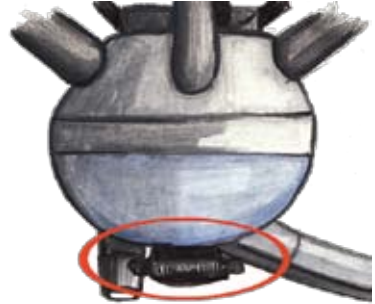
Removing the milking unit

Procedure to remove the cluster at the end of milking:

1. **Close the valve** to shut off the vacuum.
2. **Wait** one or two seconds.
3. **Remove all the teat cups at once** (pull down gently).

If a liner slips before you close the vacuum valve, you must quickly readjust the unit.

- Don't remove the teat cups one by one.
- Don't push down on the claw.
- Don't massage the udder.



1. Close valve

Haal die melkeenheid af

Prosedure om die kloustukke te verwyder:

1. **Maak die klep toe** om die vakuüm te sluit.
2. **Wag** een of twee sekondes.
3. **Verwyder die hulse almal terselfdertyd** (trek dit saggies af).

Indien 'n speenhuls glip voordat jy die vakuümklep toegemaak het, moet jy die eenheid vinnig verstel.

- Moenie die hulse een vir een afhaal nie.
- Moenie die kloustuk afdruk nie.
- Moenie die uier masseer nie.



2. Wait 1-2 seconds

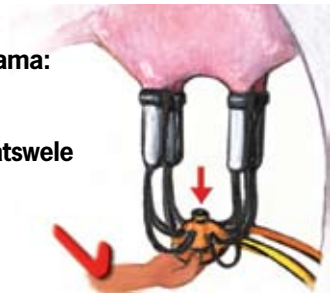
Ho tlosa yuniti ya ho hama

Mokgwa-tshebetso wa ho tlosa cluster ha o qeta ho hama:

1. **Kwala valve** e le hore o thibe ho hulwa ha moya.
2. **Ena** motsotswana o le mong kapa e mmedi.
3. **Tlosa dikopi tsohle tse kentsweng dihlokong tsa matswele** (di hule ka bonolo).

Haeba liner e thella pele o kwala valve e hulang moya kapele-pele o lokise yuniti ena.

- O se tlose dikopi tsa dihloko ka nngwe.
- O se hulele fatshe motjhini o hamang.
- O se sidile thele kapa letswele.



3. Remove all teat cups at same time



Ukususa iyunithi lokusenga

linkqubo zokususa ingqokelela ekugqibeni ukusenga:

1. **Vala ivalvu** ukuze uvale isifunxi.
2. **Linda** isiqingatha somzuzu omnye okanye emibini.
3. **Susa zonke iikomityi zemibele ngaxeshanye** (zitsalele phantsi ngobunono).

Ukuba ilayina iphuncuka ngaphambi kokuba uvale ivalvu yesifunxi kufuneka ukhawulezise ulungelelanise iyunithi.

- Musa ukususa iikomityi zemibele nganye nganye.
- Musa ukutshovela phantsi kwi kuzipho.
- Musa ukulithwibila ibele.



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