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# Best Practice Intramammary Administration for Dairy Cattle (Re-Accreditation)

## Primary Industries



This EduBit is NZVA approved and can be completed as part of your CPD.

This is a re-accreditation certification.

To complete this re-accreditation you must have completed the Best Practice Intramammary Administration for Dairy Cattle EduBit or a Re-accreditation within the last 12 months.

Show us you know how to analyse different types of intramammary therapies and sustainable use of each type, and manage appropriate related management techniques to prepare for treatment, administer intramammary therapies and provide aftercare to dairy cattle according to industry recognised practices and techniques.

- Level 5
- Credits 5
- \$99 NZD (GST incl.)

## Assessment

You are required to submit evidence of the following:

1. Analyse the roles of intramammary therapies and select the appropriate administration techniques in optimising mastitis management.
2. Analyse factors contributing to, and select appropriate management techniques for, planning successful herd treatment with intramammary therapies.
3. Administer intramammary therapies and explain aftercare using industry recommended practice and techniques to maximise udder health of dairy animals.

\*Please note that your re-accreditation EduBit expires 12 months from the issue date. To remain current, you will need to complete the (smaller) Annual Refresher EduBit. You will receive a reminder two months prior to your EduBit expiry date.

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To earn this EduBit, all work must be your own and you must submit evidence exactly as requested in the Task instructions.

When you've finished gathering your evidence, press Purchase. Trained and experienced assessors are standing by to evaluate your evidence and provide feedback on how you did for each task, as well as how you did overall.

- If your evidence does not yet meet the requirements, we will provide feedback on what is missing and encourage you to practice your skills and attempt the EduBit again at a later date.
- If there are minor gaps in your submission evidence, you will be given the opportunity to resubmit. You will have 14 calendar days to add the missing evidence and submit for re-evaluation.
- If you have any questions, please check our [Frequently Asked Questions](#) or feel free to email us at [hello@edubits.nz](mailto:hello@edubits.nz).

## Learning Recommendations

You are strongly advised to access these Learning Resources and watch the videos before submitting your evidence.

If you are attending an on-farm workshop run by Zoetis or your vet clinic, this may also provide you an excellent opportunity to collect evidence for this EduBit.

[Zoetis Learning Resources](#) include:

- Preventing Mastitis Best Practice Administration (Video)
- Preventing Mastitis Best Practice Administration (Written Guide)
- Dry Cow Therapy Technical Detailer
- Management of Cows at Drying Off Resources

DairyNZ Learning Resources include:

- [Minimising Mastitis and Mastitis Management](#)
- [DairyNZ SmartSAMM Technote 14](#)

## Tasks

### Proof of Identity

Please include a scanned copy of photo identification (e.g. passport, drivers licence, work ID card).

### General Information

*Please provide the following information:*

1. Your current role. e.g. veterinarian, LA veterinary technician, contracted teat seal administrator, share milker, contract milker.
2. Name of employer or place of study.
3. Length of time you have been in this role.
4. If you are an Otago Polytechnic student, please provide your student ID number.

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## Task 1: Evidence of Current Certification.

*You will need to:*

1.1. Provide evidence of your successful previous completion within the last 12 months of either:

- Best Practice Intramammary Administration for Dairy Cattle EduBit, or
- A re-accreditation of the same EduBit

You can find this evidence in your EduBit account under “Outcome”, and take a screenshot, or provide a URL link to your Acclaim badge.

If you do not have currently hold this EduBit, please [click here to achieve it](#).

## Task 2: Refresher Knowledge Check.

*You will need to:*

2.1. Explain methods to minimise infection from poor practice by applying best practice recommendations.

You must answer the following four (4) questions:

1. When administering dry cow therapy or treating a cow during lactation with multiple affected quarters explain why the recommended best practice for teat preparation is to start on the teats at the head end of the udder rather than the teats nearest you.
2. Explain the importance of not letting the teat go, especially once the teat end is prepared for infusion with respect to:  
a) Minimising contamination, and b) Cow comfort and behaviour.
3. Explain why the cap of a tube of intramammary treatment should not be removed with your teeth, in relation to minimising contamination.
4. Describe the recommended method to remove the lid of a tube of intramammary treatment to minimise contamination of the tube tip.

2.2. Describe and explain the preparation and aftercare for cows being treated with an intramammary therapy or treatment.

You must ensure that your answer addresses each of these areas of aftercare:

- Preparation: Feed intake (drying off).
- After care: Checking cows (what to look for and what to do).

## Task 3: Preparation, Administration, and Aftercare.

Please note: You may submit evidence for all of the tasks within Task 3 in one of two ways.

Either:

1. Written explanation plus a short video or videos of yourself, or
2. A completed attestation form signed by an approved attestor.

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We recommend you download and read the [attestation form](#) before you decide which way you will submit your evidence for the sub-tasks below. This document also contains a list of approved attestors.

*You will need to:*

3.1. Provide evidence you have applied best practice to prepare for the infusion of intramammary therapies in the cows prior to drying off. You must:

1. Describe and explain the preparation of a herd of cows, including planning for any problems which may arise, in the days and weeks prior to drying off and administration of cow therapy, as well as on the day of administration.
2. Identify and describe the roles of the staff administering teat sealants to a herd and describe how staff are briefed so they are adequately prepared for the day.
3. Identify and explain of all equipment you have ready for teat sealing.

You may submit this in written form.

3.2 Provide evidence you have prepared equipment adequately for the task of administering intramammary therapy or therapies on the day. Please refer to our [Video Evidence Guidelines](#) for help.

Your video should demonstrate:

- Appropriate clothing / PPE and hygiene practices between cows.
- An appropriate number of syringes carried.
- Where equipment is kept.
- Hand hygiene.
- Equipment hygiene.

So that we can verify your video evidence is current, please clearly state the date and year in your video (e.g. “Today is March 15<sup>th</sup>, 2021”) or show the date (for example, using a newspaper or on your smartphone).

3.3. Provide evidence of preparing the udder and teats for administration, and then intramammary administration on at least three (3) different cows.

Your video should demonstrate:

- Appropriate teat cleaning and administration.
- Teat wipe or teat swab inspection.

So that we can verify your video evidence is current, please clearly state the date and year in your video (e.g. “Today is March 15<sup>th</sup>, 2021”) or show the date (for example, using a newspaper or on your smartphone).

You may submit a single video of three cows, or one video per cow (for a total of three videos). Please limit video length to 10 minutes, if possible.

3.4. Provide evidence you can competently infuse intramammary therapy to the teat canal on at least three (3) different cows.

Your video should demonstrate:

- Syringe cap removal.
- Syringe insertion.

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- Appropriate use of massage application (or not).
- Practice to keep as much internal teat sealant in the teat as possible.
- Teat spray application.
- Appropriate marking of the cow.
- Hand hygiene.

So that we can verify your video evidence is current, please clearly state the date and year in your video (e.g. "Today is March 15<sup>th</sup>, 2021") or show the date (for example, using a newspaper or on your smartphone).

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