

## What are Protocols?

Protocols are a **series of chores** to complete for each animal in a specific order. A protocol may specify a single chore or multiple chores such as “Deworm after Calving” or “Treat with Dextrose and Flush in the morning.” All dairies use written or verbal protocols to instruct workers what to do throughout the day.

The PCDART Protocol Management System enables the dairy manager to develop protocols for most aspects of animal management. This is an **active system** as opposed to a static, report-driven list of eligible animals. Chores are triggered on the basis of actual events (birth, calving, etc.), future events (to dry, etc.) or specific dates.

Many protocols and chores can be customized, then applied and managed on a daily basis. Therefore, protocols will ensure that no animal “falls through the cracks” and fails to receive chores. Furthermore, until a chore is reported as being completed, the animal remains on a protocol-driven report.

901 Protocols - 5 Days "To Do"		HENRY SMITH DAIRY - 55999999						
		Ref. 9/06/2019						
Protocols:All		Chores:All						
G	**Cows**							
r	Index							
p	Number	Protocol	Trigger	09/06	09/07	09/08	09/09	09/10
1	6993	PregVacC	xF 09/29/06			MuSe~	MuSe~	MuSe-18
1	6993					J-5~	J-5~	J-5-18
1	7086	PregVacC	xF 09/21/06	MuSe~	MuSe~	MuSe~	MuSe~	MuSe-10
1	7086			J-5~	J-5~	J-5~	J-5~	J-5-10
61	7143	PregVacC	xF 10/01/06					MuSe-20
61	7143							J-5-20
8	7256	PregVacC	xF 12/14/06	SG3KC~	SG3KC~	SG3KC~	SG3KC~	SG3KC-14

5 Days “To Do” list after enrollment on Chores & Protocols

## System Requirements

- Windows 8 or later operating system
- 4 GB RAM
- 5 GB of Free Hard Drive Space
- Internet access for program updates

## Consistent Animal Care Healthier Animals Better Yields Increased Profits

*“The PCDART Protocol feature has improved our ability to manage our vaccination program, mastitis control and metabolic disease management. With numerous employees responsible for the different aspects of our health program, the protocol feature keeps the timing and applications consistent from cow to cow.”*

# PCDART

## Protocol Management System

*“The Ultimate To-Do List”*



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[drms.org](http://drms.org)



## Types of Protocols & Examples

- **Flag** (unplanned chores): treatment for mastitis, metritis, bloat, ketosis, etc.
- **Birth Date** (chores after birth) such as heifer vaccinations
- **Bred** (chores after bred) such as preg checks
- **Expected Dry** (chores prior to dry) such as trim
- **Dry** (chores after dry) such as dry treat
- **Expected Fresh** (chores prior to fresh) such as move to close-up lot
- **Calved** - chores after calved
- **Boosters** - boosters after vaccination

## Get Started in 3 Steps

1. **Establish Chores:** can be undefined, maintenance, vaccination, medication or diagnostic.
2. **Create Protocols:** assign chores to be completed or modify existing protocols.
3. **Enroll animals:** assign to protocols based on procedures such as calving, breeding or drying off, etc.; protocols can be terminated after completion. Enrollment and termination can be automated based on events or flags.

Protocols can be imported from and exported to veterinarians, consultants, etc. to assist in herd health and evaluation.

After enrolling, get reports such as Missed Chores or “to do” list for 1 or 5 days.

PCDART Help contains in-depth information on using Protocols. Your vet or farm advisor can also help set up a series of protocols customized for your farm.

### 1. Chore Creation

Name	Description	Usage	Milk	Meat	Status
Antitox	Clostridia Antitoxin	Vaccination		21	Used
Aspirate	Aspirate	Diagnostic			Unused
Asprin	Asprin	Medication	1	2	Unused
Banamine	Banamine	Medication	3	4	Used
Block	Block Removal	Maintenance			Unused
BlockOff	Block off foot	Diagnostic			Unused
BlockOn	Block on foot	Diagnostic			Unused
BSG-FP5	BovishieldGoldFP5	Vaccination		21	Used
CefalKAM	CefalLak AM	Medication	4	4	Used
CefalKPM	CefalLak PM	Medication	4	4	Used
CkTrans	Check transponder	Maintenance			Unused
CleanFt	Clean foot	Maintenance			Unused
Clip	Clip area	Maintenance			Unused
Colostrm	Colostrum	Maintenance			Used
Culture	Milk Culture	Diagnostic			Used

**Manage Protocols**

Choose a Protocol Type:

- Flag - Chores After User-Chosen Date
- Birth Date - Chores After Birth
- Bred - Chores After Bred
- Expected Dry - Chores Prior to Dry
- Dry - Chores After Dry
- Expected Fresh - Chores Prior to Fresh
- Calved - Chores After Calved

Print Protocols

Deactivate the Protocol    Create New Protocol from Copy

Create New Protocol from Scratch

Modify Used Protocol

**Existing Protocols of Type Birth Date**

Name	Description	Date	Status
Birth	Calf Process - Birth	11/21/2005	ActUsed
CalfVac1	CalfhooD Vaccinations	01/27/2006	ActUnused
HefrVac1	Prebreed Heifer Vac1	02/07/2006	ActUnused

**Chores**

Start Day in Protocol (Age)

Colostrum    Repeat    Start on day #    Once a day for how many days?    Maintenance

Iodine Navel    Repeat    Start on day #    Once a day for how many days?    Maintenance

TSV2    Repeat    Start on day #    Once a day for how many days?    Meat 21 Vaccination

Please choose a procedure: P1 Calving    Whenever procedure P1 Calving (Dam) is done...

CloseUpH    ...automatically ENROLL the animal in these protocols...

Add to Enroll List -->

Add to Terminate List -->

Remove

Remove

### 2. Protocol Creation

### 3. Enrollment: auto-enroll and auto-terminate protocols based on events or flags