



HERD HEALTH MANAGEMENT & ECONOMY

HHM-032

VACCINATION FAILURE/SUCCESS - ARE VETS DOING A PROPER MANAGEMENT OF ON-FARM VACCINATION?

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Introduction

Sometimes a vaccination strategy that you recommended did not present the expected results? It can be frustrating when you did an excellent veterinary work, with accurate diagnostics, proper selection of vaccine and vaccination program, and in the end it didn't work.

In our practice we evaluated vaccination success and failure in over 50 farms for several diseases (Aujeszky's, PCV2, MHYV, PRRS and Bordetella) and found that this is highly influenced by the PEOPLE that manage on-farm vaccination procedures.

We implemented a program (**P**lan.**E**xplain.**D**emonstrate.**R**egister.**A**udit.) to improve vaccination success involving Vets, farm managers and workers.

Material and Methods

PEDRA training program is an on-farm tool to improve vaccination management. People involved are the farm Vet, the manager/owner and the workers.

PLAN: Vets are responsible for proper diagnostics, vaccine choice, vaccination program, vaccine application method. Put it all in writing, with clear instructions and put it on the farm wallboard.

EXPLAIN: Assemble the team (manager and workers), explain why you recommend this vaccination, what you expect to improve and how important is each person's role in the process. Tell each person what to do exactly.

DEMONSTRATE: Do a detailed vaccination session showing key-points for success. Vaccine storage/preparation, syringe (other devices) choice and disinfection, proper needles, IM/ID route, where exactly to apply the vaccine, proper angle, welfare concerns.

REGISTER: Provide maps with planning for every vaccination, with fields for registration of the vaccination. Name who is responsible for keeping records.

AUDIT: By the Vet at least twice/year, checklist with scoring points. Audit refrigerator with temperature data-logger. Monitor immune response in piglets (maternal immunity) and in growers/fatteners by blood testing for specific anti-bodies. Organize meetings for evaluation of results and improvement actions.

Results, Discussion and Conclusion

This program allowed our Vet team to improve on-farm vaccination success, with better results for disease control.