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BIO - VETERINARY INSTRUMENTATION

P.A. GAMIKA AND D.D.N. de SILVA

Department of Veterinary Clinical Studies, Faculty of Veterinary Medicine and Animal Science, University of Peradeniya.

Veterinary practitioners are often confronted with various diseases or abnormal conditions in which chemotherapeutic agents some times have a little value. Therefore it is necessary to think about alternative means of therapy especially using physical aids to overcome this constraint. In Sri Lanka the appropriate instruments for alternative approach for handling animals and treating them are not readily available.

Certain difficulties were experienced during our clinical appointments and vacation training programs in the treatment and restraint of animals affected with diseases and disabilities. In fact these cases could not be treated satisfactorily due to the non availability of necessary devices. Therefore, this project was initiated to manufacture certain veterinary appliances which I felt were necessary to overcome possible constraints.

1. STILL DOG GRABBER- A hand-held restraining device with neck and mouth grabbing parts. This can be used for the restraint of rabid or ferocious dogs (Patent No. 11288 Sri Lanka).
2. DOWNER COW ELEVATOR- is used to lift and keep recumbent cattle and buffaloes in up right position. . This is a portable equipment which can be assembled and dismantled within a short period of time (Patent No. 11289 Sri Lanka).
3. DOG SITTER- A walking aid for dogs with hind leg paralysis. It also prevents disused atrophy of affected limbs.
4. TRACHEAL BLOWER- A devise to resuscitate dogs and cats in respiratory arrest.
5. A WIRE COILING DEVICE- for use in bone assembling and skeleton mounting.
6. AUTO PLUNGER - is a device which can be used for injecting intramuscular preparations to animals which are aggressive and difficult to restrain (Patent No. 11460 Sri Lanka).