

VACCINE EFFICACY

* Efficacy-Efficacy is the direct effect of a medical intervention on an individual subject. The effect of an intervention program in the population is often termed effectiveness. The notion of effectiveness includes both direct effects and the indirect effects of the intervention at the herd or population level. Vaccine efficacy may be isolated from effectiveness by design or analysis.



LABELING IS REQUIRED TO:

- Provide full instructions on the proper use of the product including:
 - + Vaccination schedules
 - + Warning/caution statements
 - + Ftc
- 4-tier approach to conveying efficacy information

A. Criteria 4.1 Lobe advancations. Data must fully support libed indications and accustively reflect the expected performance of the product. 4.2 Lobe of estimat. 4.2 Lobe of estimat. 4.2 Lobe of estimat. 4.3 Pervention of pilocions. A claim funt it is intraded to pervent infection may be unde only for products able to pervent all colleagued naturals. It will a conclusion in support that it was very high degree of confidence by convincing data, a blad statement with a "bot depression of anticlosus with (sportic microscopium)" may be under the conclusion in supported his save part made only for products down to be laight deficient in proventing claims as lower to be laight deficient in proventing claims also down to be laight deficient in proventing claims also allowed statement such as "for the prevention of efficiency may be all the lower to be considered and childlenged naturals. The entire 99% alrevel estimate of efficacy may be all under 10%. If no. a label statement such as "for the prevention of these one to be (specific microscopium)" may be read. 4.2.3 Add In distances proventions. A claim that it is intraded to and in disease prevention may be made for products above may be come the one of the products and childlenged internal to the contract of the products and contract of the products and childlenged internal to the contract of the products and child the products and childlenged internal contract of the products and child the products and childlenged internal contract of the products and child the statement of the products which have been down to the deep claim of these prevention may be made for products which have been down to the deep claim of the products desired and the statement of the products which the products of the products which have been down to substant disease eventy, reduce disease disease during the products which have been down to substant disease eventy, reduce disease disease desired, and an of the processor of dependent microscopium of the substant of the substant desired

THESE TIERS CREATE SOME ISSUES

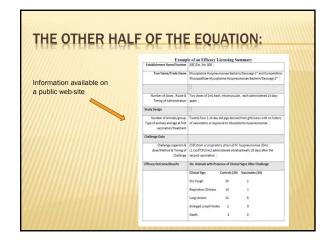
- * How well are they really understood?
- They often get used as marketing tools
- Efficacy and reference studies need to target individual tiers
- Differing levels of efficacy for multi-fraction products
- The agency expends resources determining where each study (not product) falls

PROPOSAL

Replace the multi-tier concept with a single claim/indication statement:

For the vaccination of healthy (animal) against the (system) form of disease caused by (microorganism).

(Minimum age, schedule, and revaccination recommendations to follow)



WHAT DO YOU THINK?

- Concept paper
- × Q&A's
- × Open forum
- * Additional meetings as required
- * Proposed rule (designated Tier 1 rule)
 - + Target is Oct/Nov 2011
 - + Address the comments
 - + Final rule targeted for Oct. 2012
- * At this point, nothing is finalized
- × Please share your thoughts

ADDITIONAL QUESTIONS???

- * How will we implement this rule?
 - + New products vs. Old products
- * How will we handle conditionally licensed products?
- How does this rule impact other classes of products?
 - + Diagnostic test kits
 - + Allergenic extracts
 - + Antibody products

ADDITIONAL QUESTIONS (CON'T) ???

- How much safety data, if any, should we include in this proposal?
- * How much specific information should be included for challenge strains?
 - + Homologous vs. heterologous, etc.
- Does CVB or the manufacturer generate the Product Licensing Summary?
- Will this rule impact information that is currently included in product circulars?

ADDITIONAL QUESTIONS (CON'T.) ???

- Does this rule create any unexpected issues with products sold internationally?
- * How will the rule accommodate beneficial products that do not have a direct role in disease control (i.e. for colonization/shedding)?