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Clinical History: Four-year-old female mongrel dog from Barstow (high desert area, California) with history of multiple skin lesions and severe dehydration. Supportive care was attempted but the animal died a few hours after admission. The veterinarian requested necropsy due to presumptive animal neglect and bestiality due to ulcerated lesions around the vagina and all over the skin.

Gross and Histologic Findings:

Figure 1. A. Skin of the elbow. B. Lung, caudodorsal aspect. C. Lung, H&E, 400X. D. Lung, PAS, 400X.
Follow up Questions: 1. Morphologic diagnoses (skin and lung). 2. Etiologic diagnoses. 3. Features that support your diagnoses.

*The Diagnostic Exercises are an initiative of the Latin Comparative Pathology Group (LCPG), the Latin American subdivision of The Davis-Thompson Foundation. These exercises are contributed by members and non-members from any country of residence. Consider submitting an exercise! A final document containing this material with answers and a brief discussion will be posted on the CL Davis website (http://www.cldavis.org/diagnostic_exercises.html).

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