Diagnostic Exercise
From The Davis-Thompson Foundation*

Case #: 72 Month: September Year: 2016

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Clinical History: 2-year-old Wistar male rat from a chronic carcinogenicity study that was euthanized at the scheduled time point without clinical signs.

Necropsy Findings: Enlarged thyroid glands.

Gross and/or microscopic image(s):

Figure 1. Thyroid gland, hematoxylin and eosin (H&E), 10 x objective magnification.
Follow-up questions: Microscopic description, morphologic diagnosis, gross finding(s), etiologic diagnosis, and cause.
*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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