Uterus – Hyperplasia, Stromal

Figure Legend: Figure 1 Uterus - Hyperplasia, Stromal in a female F344/N rat from a chronic study. There is stromal hyperplasia of the endometrium with concomitant thickening of uterine wall. Figure 2 Uterus - Hyperplasia, Stromal in a female F344/N rat from a chronic study. There is an increase in the stromal component of the endometrium.

Comment: Stromal hyperplasia is characterized as a general increase in stromal tissue, smooth muscle, and connective tissue resulting in an increase in myometrial thickness (Figure 1 and Figure 2). This may result in gross enlargement of the uterus.

Recommendation: Uterus - Hyperplasia, Stromal should be diagnosed and assigned a grade whenever present.

References:
National Toxicology Program. 1999. NTP TR-485. Toxicology and Carcinogenesis Studies of Oxymetholone (CAS No. 434-07-01) in F344/N Rats and Toxicology Studies of Oxymetholone in B6C3F1 Mice (Gavage Studies). NTP, Research Triangle Park, NC.
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