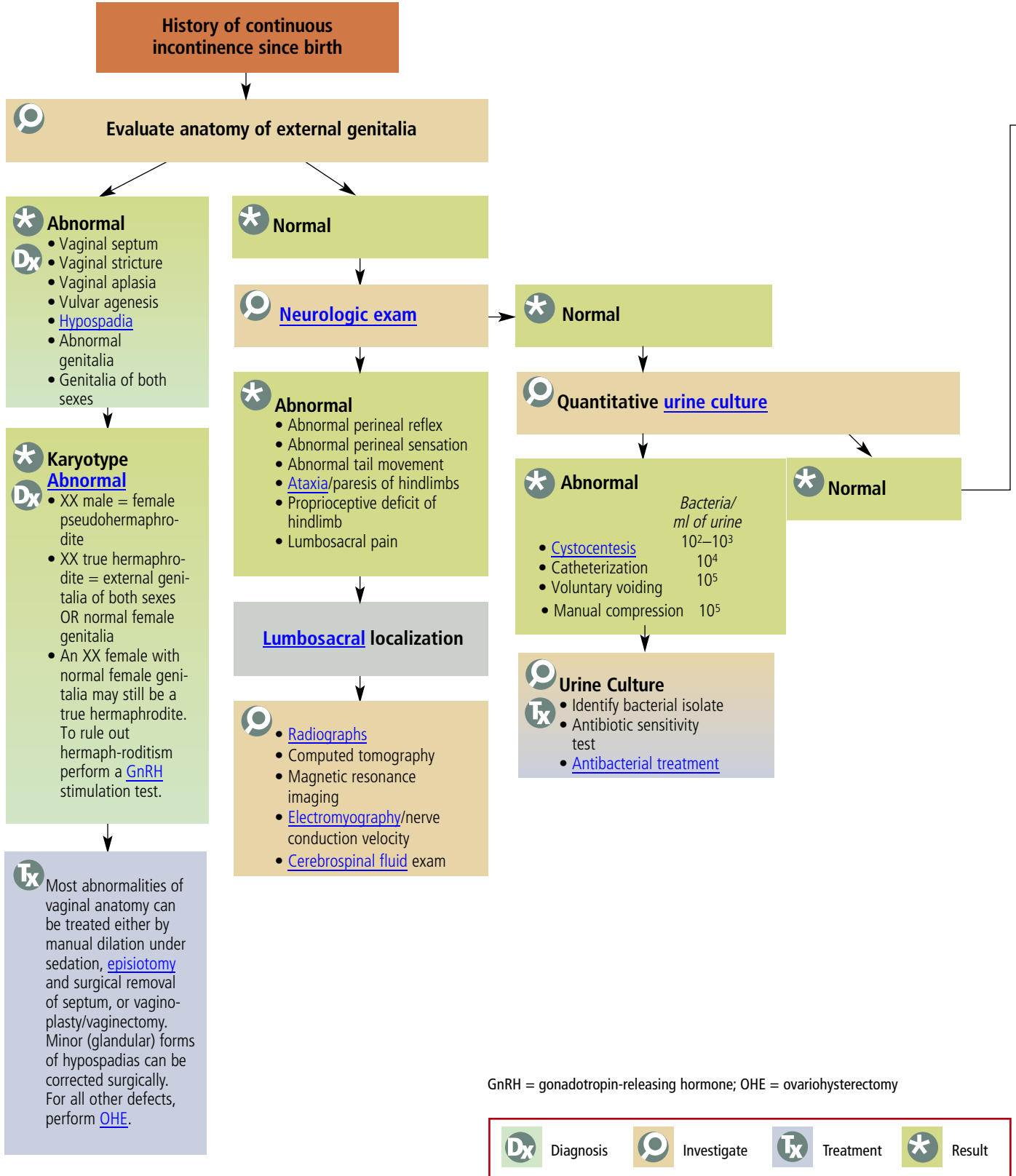


diagnostic tree

Stefano Romagnoli, DVM, MS, PhD, Diplomate ECAR, University of Padova, Italy

Congenital Canine Urinary Incontinence



GnRH = gonadotropin-releasing hormone; OHE = ovariectomy

Dx
Diagnosis

Investigate
Investigate

Tx
Treatment

*
Result

Gonadotropin-Releasing Hormone Agonist Stimulation Test

Collect a blood sample, then inject 50 µg of GnRH IV and collect a second sample 1 hour later; assay serum testosterone on both samples. Normal values for males are 0 ng/ml to 4 ng/ml in basal samples and 1 ng/ml to 4 ng/ml in the post-GnRH sample, while in bitches testosterone is generally very low (< 1ng/ml), especially on the post-GnRH sample.

