Profile of secondary sex organ changes with androgen receptor antagonism

AR antagonism causes marked atrophy of the seminal vesicle and marked reduction in organ weight and concomitant increase in serum LH and testosterone levels.

AR antagonism causes marked atrophy of the prostate with decreased organ weight.
Profile of testicular and efferent duct changes with oestrogen antagonist

Dilatation of seminiferous tubular lumens (right) which is generally associated with increased testis weight. Control (left).
Below: increased diameter of efferent duct lumens.

Control

ICI 182,780
(antioestrogen)

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