

# EFFECTS OF GONADECTOMY ON RELATIVE RISK



<b>Condition</b>	<b>Effect of OHE on Relative Risk</b>	<b>Effect of Castration on Relative Risk</b>
Overall longevity	Mild increase in longevity	Mild increase in longevity
Obesity	Moderate increase	Moderate increase
Cranial cruciate ligament disease	Moderate increase*	Moderate increase*
Hip dysplasia	Mild increase*	Mild increase*
Mammary tumors	Marked decrease*	N/A
Uterine, ovarian, vaginal tumors	Prevents	N/A
Testicular tumors	N/A	Prevents
Perianal gland tumors	N/A	Marked decrease
Prostatic carcinoma	N/A	Mild increase
Lymphoma	Mild increase	Mild increase*
Mast cell tumors	Mild increase	N/A
Hemangiosarcoma	Mild increase*	Mild increase
Osteosarcoma	Mild increase*	Mild increase*
Transitional cell carcinoma	Mild increase	Mild increase
Urinary sphincter mechanism incompetence	Moderate increase*	N/A
Cystitis	Mild increase*	N/A
Benign prostatic hyperplasia	N/A	Marked decrease
Perineal hernia	N/A	Moderate decrease

\*Age at time of surgery may be important.