

Table 1. Androgen-Dependent and Androgen-Independent Features in Developing External Genitalia of Spotted Hyenas

Feature	Penis/Male Embryo	Clitoris/Female Embryo	Male features inhibited by androgen impairment	Female features induced by androgen	Interpretation
Position of urethral meatus	Dorsal	Ventral	yes	ND	Androgen-dependent
Size and elasticity of urethral meatus	Small and Non-Elastic	Large and Highly Elastic	yes	ND	Androgen-dependent
Glans shape/GEB shape	Chisel-shaped	Blunt	yes	ND	Androgen-dependent
GEB position re urethra	Surrounds urethra	Dorsal to urethra	yes	ND	Androgen-dependent
Corpus spongiosum	Present	Absent	yes	yes	Androgen-dependent
Urethra/UGS lumen	Slit-like	Pleated/redundant	yes	yes	Androgen-dependent
Position of retractor muscles	Ventral	Dorsal	yes	yes	Androgen-dependent
Tunica albuginea	Surrounds corporal body and urethra	Surrounds corporal body only	yes	yes	Androgen-dependent
Formation of the genital	Present	Present	ND	ND	Androgen-independent

tubercle					
Formation of the urethral plate	Present	Present	ND	ND	Androgen-independent
Penile/clitoral length	Similar	Similar	No	ND	Androgen-independent

ND= not done