Atlantic cod (Gadus morhua) testes at different stages of sexual maturity: Immature (A), Maturing (B), Mature (C) and Spent (D).

Immature testes have small pinkish lobes and small blood vessels. In the maturing testes, the lobe size increase, still pink in the periphery where the spermatogonial cells are, but with an off-white area toward the sperm duct increasing in size as the germ cells develop. With further maturation of the testes, the pink zone in the periphery will become progressively smaller until full maturation is reached and the lobes are all white and filled with sperm. Spent testes are flaccid, have decreased lobe size with more pink color, and large blood vessels still present. Some residual sperm may be present in lobes and sperm duct.