
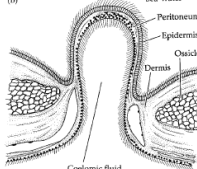
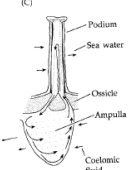



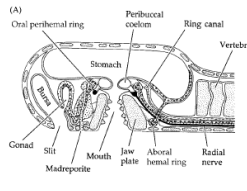
Circulation

Gas exchange
Across podia and **dermal gills** (dermal branchia).
Countercurrent exchange.
Water circulated by cilia.

Respiration

Gas exchange
Ophiuroids have ten invaginations in the body wall called **bursae**. Water circulated by cilia.

How do Echinoderms feed and digest?

Holothuroids
Cuverian tubules - blind sticky tubes at base of respiratory tree.
Entangle predators. - Poison butt glue!
Evisceration.

