

The Function of The Flow Moderator

The flow moderator is not a flow *regulator* and it has no role in determining the pumping rate of an ALZET[®] Osmotic Pump. The flow moderator has several important roles:

- ♦ After the pump is filled, the insertion of the flow moderator helps to displace any air trapped within the pump reservoir. This is essential because all air must be evacuated in order for the pump to function correctly.
- ♦ More importantly, the flow moderator restricts diffusion of the agent from the exit portal, thereby assuring osmotic control of delivery.

The flow moderator also acts as an internal splint around which the drug reservoir can be compressed without obstructing outflow.