|  |  |  |
| --- | --- | --- |
| **SL NO** | **DISEASES** | **INTERNAL MANIFESTATIONS** |
| **VIRAL DISEASES** | | |
|  | White spot Syndrome (WSSV) | * Empty stomach * Necrosis of gut epithelium * Hepatopancreatic lesions * Hypertrophy of hepatopancreas * Hepatopancreas turn yellow * Necrosis of heart muscle * Heart muscle damage |
|  | Infectious Hypodermal and Hematopoietic Necrosis  (IHHNV ) | * Not Recorded |
|  | Yellow Head Disease (YHD) | * Hepatopancreas turn yellow * Swelling of hepatopancreas * Exceptionally soft hepatopancreas |
|  | Baculo Viral Disease (MBV) | * Hepatopancreatic lesions * White midgut lines |
|  | Hepatopancreatic Parvovirus Disease (HPV) | * Atrophy of hepatopancreas |
|  | Monodon Slow Growth Syndrome (MSGS) | * Not Recorded |
|  | Infectious Myonecrosis (IMN) | * Not Recorded |
|  | White Tail Disease/White Muscle Disease | * Not Recorded |
|  | Taura Syndrome (Red Tail Disease) | * Empty gut |
|  | Abdominal Segment Deformity Disease (ASDD) | * Not Recorded |
|  | Viral Covert Mortality Disease | * Empty gut * Hepatopancreatic necrosis * Atrophy of hepatopancreas |
| * **BACTERIAL DISEASES** | | |
|  | Vibriosis | * Localized stomach infection * Detachment of midgut epithelium |
|  | Loose shell Syndrome | * Atrophy of hepatopancreas * Whitish intestine/opaque white gut |
|  | White Gut Disease | * Vermiform gregarine bodies in stomach * Vermiform gregarine bodies in hepatopancreas * Whitish intestine/opaque white gut * Faecal matter in the form of fluid |
|  | AHPND/Early Mortality Syndrome (EMS) | * Empty stomach * Pale stomach * Discontinuous gut contents * Atrophy of hepatopancreas * Pale hepatopancreas Due to pigment loss * hepatopancreas does not squash easily between thumb and forefinger * Massive degeneration of hepatopancreas |
|  | Necrotising Hepatopancreatitis (NHP) | * Empty stomach * Necrosis of hepatopancreas * Atrophy of hepatopancreas |
|  | Running Mortality Syndrome | * Reddish yellow hepatopancreas * Mid gut with white to yellow-golden content |
|  | White feces Syndrome | * Distended mid gut junction & mid gut * Mid gut with white to yellow-golden content |
|  | Necrosis of appendages/larval bacterial necrosis | * Not Recorded |
| **PARASITIC DISEASES** | | |
|  | Hepatopancreatic Microsporidiosis | * Necrosis of hepatopancreas * Floating fecal strings on water surface * White feces with microsporidian spores |
|  | Protozoan Fouling | Not Recorded |
| **FUNGAL DISEASES** | | |
|  | Larval Mycosis | Not Recorded |
|  | Black Gill Disease | Not Recorded |