

ASVP DIAGNOSTIC EXERCISE No. 22

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History:

Aquarium view of a Pearl Gourami (*Trichogaster leeri*). It had recently been imported, having been in quarantine for a week before reaching the retail store. Three out of 20 individuals were affected in a single-species tank. Their demeanour and appetite were unaffected. The retailer had treated with in-water triple sulfa with no response.

(Note: the slender string-like appendage originating from the anteroventral midline of the fish's abdomen is actually a pelvic fin modified into a feeler).



(this page can be enlarged to 200% for closer views of this specimen)

1. Describe the abnormalities
2. What basic disease processes might be present?
3. Pathological diagnosis (give other possibilities in order of preference)?
4. What is the most likely cause of this change?