

AMP case report: November 2017 test yourself answers

In the November 2017 issue was a report (page 26), "[Follicular lymphoma of gallbladder: Use of immunoglobulin gene clonality studies to facilitate diagnosis of unusual case](#)," written by members of the Association for Molecular Pathology. Here are answers (in bold) to the three "test yourself" questions that followed that case report.

1. Which of the following is true with regard to follicular lymphoma involving the gallbladder and biliary system?

- a) Patient always presents with constitutional symptoms.
- b) Patient often presents with symptoms of biliary colic.**
- c) Obstructive jaundice is common.
- d) The gallbladder is a common site for primary follicular lymphoma.
- e) Patients are primarily in their 30s and 40s.

2. What proportion of follicular lymphomas harbor an *IGH/BCL2* translocation?

- a) Approximately 40 percent
- b) Approximately 10 percent
- c) Approximately 85 percent**
- d) 100 percent

3. Which of the following is true regarding PCR-based assays for clonality using Biomed-2 primer sets?

- a) The *IGH* assay alone has low sensitivity.
 - b) For germinal center and post-germinal center lymphomas, sensitivity is improved by combining *IGH* and *IGK* assays.**
 - c) Somatic hypermutation has no effect on primer annealing.
 - d) Follicular lymphoma has a lower rate of somatic hypermutation than other lymphomas.
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