Supplemental Digital Figures 2a-f
Examples of material used for vertical integration at the Boston University School of Medicine. First-year medical students review findings from their Semester 1 gross anatomy lab during their Semester 2 histology course. Second-year students revisit both the gross anatomy and histology content through proctored case studies, self-study cases, or gross anatomy lab demonstrations integrated throughout the second-year, organ-systems-based course called “Disease and Therapy” (DRx). Figure 2a is an image of cirrhosis of the liver, identified by first-year students in their fall gross anatomy lab. Figure 2b is a virtual slide image of a normal liver stained with Hematoxylin and Eosin that first-year students discussed in their spring histology course. Figure 2c shows a biopsy of cirrhosis of the liver from a cadaver that students encountered in their first-year, fall semester gross anatomy lab. First-year students discussed this in concert with the image of the normal liver in their spring histology course. Figure 2d shows, in a clinical case format, a case of acute appendicitis that medical students encounter in their second-year DRx course. The yellow arrow points to a link to the images the students in their second-year histology course. Figure 2e represents gross pathology demonstration of lung cancer during the second-year DRx course and Figure 2f is a radiology image that is reviewed at the gross pathology demonstration station for students to identify the corresponding radiology that they will study during their third-year radiology rotation.
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