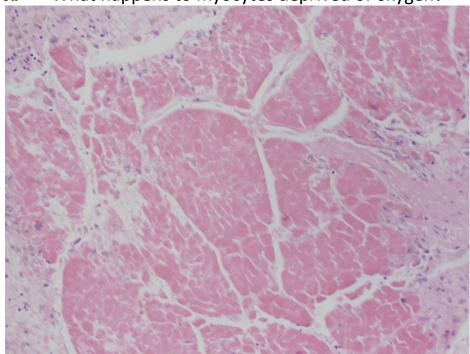
Supplemental digital content for Eisenstein A, Vaisman L, Johnston-Cox H, Gallan A, Shaffer K, Vaughan D, O'Hara C, Joseph L. Integration of Basic Science and Clinical Medicine: The Innovative Approach of the Cadaver Biopsy Project at the Boston University School of Medicine. Acad Med. 2014; 89 (1).

Supplemental Digital Figure 3a and 3b

Example of the integration of basic science material into the radiology clerkship. Radiology students research a series of questions related to first- and second-year material and present their findings to one another in a seminar format. **Figure 3a** shows a slide of myocardial infarction that the students encountered in their gross anatomy cadaver. They use the slide to answer the question, "What happens to myocytes deprived of oxygen?" **Figure 3b** is a list of possible resources of basic science content that may help them answer the question, "What happens to myocytes deprived of oxygen?"

3a What happens to myocytes deprived of oxygen?



зь References

- DRx Cardiology Lecture 15,16 "Acute Coronary Syndrome" slide 46
- DRx Foundations Lecture 1 "Adaptation, Injury, and Cell Death," diagrams on slide 24, 35-37
- DRx Cardiology Lecture 2 "Atherosclerosis and Ischemic Heart Disease" slides 50-53
- DRx Cardiology Lecture 9 "Drugs for Ischemia" slides 3-14
- Lilly LS. "Pathophysiology of Heart Disease," 4th ed. Baltimore: Lippincott, Williams, and Wilkins, 2007, p. 177.