4.2 Sudden Cardiac Death in the Young
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Abstract
Though relatively rare, sudden death in the young is a significant event. At these times, the public looks to the pathologist for answers. After the exclusion of drugs, infectious diseases, neurological diseases, and other systemic processes we are often left to consider primary cardiac pathologies. During this talk, we will briefly review some commonly considered entities such as hypertrophic obstructive cardiomyopathy, arrhythmogenic cardiomyopathy, and channelopathies. Emphasis shall be placed on the underlying pathophysiology, differential diagnosis, and diagnostic methodologies from the perspective of a general pathologist.

Educational Objectives:
By the end of the presentation, participants will be able to
1. Describe the gross and microscopic features of arrhythmogenic and hypertrophic cardiomyopathy
2. Describe the pathophysiology and diagnostic work up for channelopathies
3. Discuss the limitations of genetic testing