

**C5**

**Title: Cardiorenal Syndrome**

**Author(s): Avani Shah,** Nikhil Nair, Brinda Shah, Rupesh Raina

**Affiliation:** Skyline High School

Cardiorenal Syndrome (CRS) covers a myriad of clinical scenarios where the crosstalk between heart and kidney in pathological conditions. Though incidence of CRS is increasing, the pathophysiology and management of lag increasing both morbidity and mortality for patients. Recent studies demonstrate that renal insufficiency in the case of heart failure is one of the most common comorbidities for both congestive heart failure (CHF) and acute decompensated heart failure (ADHF). In this review, we summarize the existing conceptual pathophysiology behind the established types of cardiorenal syndrome and delve into the associated therapeutic modalities with a focus on pediatric cases.