

Supplementary Online Content

Waxman AJ, Clasen S, Hwang W-T, et al. Carfilzomib-Associated Cardiovascular Adverse Events: A Systematic Review and Meta-Analysis [published online December 28, 2017]. *JAMA Oncol*. doi:10.1001/jamaoncol.2017.4519

eMethods. Search strategy for Medline (using PubMed)

eFigure. Funnel plot to assess for publication bias or small study effects

eTable. Common terminology criteria for adverse events (CTCAE) definitions used to define classes of cardiovascular adverse events

This supplementary material has been provided by the authors to give readers additional information about their work.

Supplemental Methods

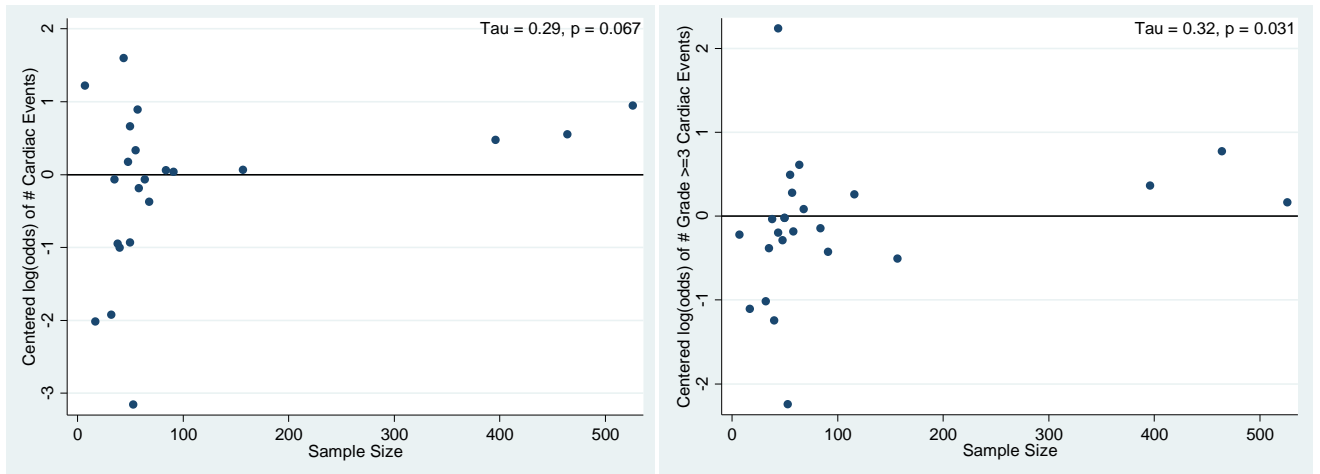
PRISMA Search Strategy:

Databases were searched for the terms “carfilzomib,” “Kyprolis,” and “PX-171” between the dates of January 1st, 2007 and January 1st, 2017. The search strategy as performed in Medline via PubMed is as follows:

(carfilzomib OR kyprolis OR PX-171) AND ("2007/1/1"[Date - Publication] : "2017/1/1"[Date - Publication])

After reviewing references in PubMed, the same search terms and date ranges were used to query EMBASE and Web of Science for additional references.

eFigure 1: Funnel plot to assess for publication bias or small study effects.



All-grade CVAE (left) and high-grade CVAE (right)

eTable 1: Common terminology criteria for adverse events (CTCAE) definitions used to define classes of cardiovascular adverse events.

Adverse Event Class	CTCAE Name	CTCAE Subsection
Heart Failure	Heart Failure	Cardiac Disorders
	Left Ventricular Systolic Dysfunction	Cardiac Disorders
	Right Ventricular Dysfunction	Cardiac Disorders
	Ejection Fraction Decreased	Investigations
Hypertension	Hypertension	Vascular Disorders
Myocardial Ischemia	Acute Coronary Syndrome	Cardiac Disorders
	Chest Pain - Cardiac	Cardiac Disorders
	Myocardial Infarction	Cardiac Disorders
	Cardiac Troponin I Increased	Investigations
	Cardiac Troponin T Increased	Investigations
Cardiac Arrhythmia	Atrial Fibrillation	Cardiac Disorders
	Atrial Flutter	Cardiac Disorders
	Atrioventricular Block	Cardiac Disorders
	Conduction Disorder	Cardiac Disorders
	Palpitations	Cardiac Disorders
	Paroxysmal Atrial Tachycardia	Cardiac Disorders
	Sick Sinus Syndrome	Cardiac Disorders
	Supraventricular Tachycardia	Cardiac Disorders
	Ventricular Arrhythmia	Cardiac Disorders
	Ventricular Tachycardia	Cardiac Disorders
Cardiac Arrest	Asystole	Cardiac Disorders
	Cardiac Arrest	Cardiac Disorders
	Ventricular Fibrillation	Cardiac Disorders