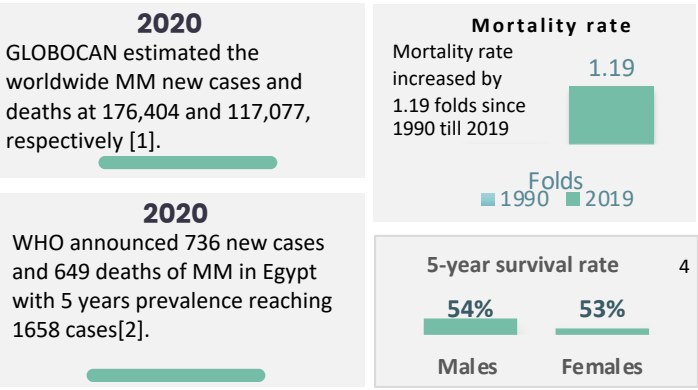


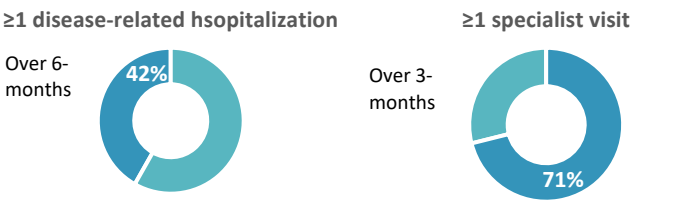
Background

Our model was conducted from payer perspective to assess the cost-effectiveness of daratumumab triplet therapy (DvD) to carfilzomib doublet regimen (Kd) for patients with Relapsed or Refractory Multiple Myeloma (RRMM) who received at least one prior therapy over time horizon of 20 years.

Epidemiology



Economic burden [5]



Methodology:

A partitioned survival model including three health states: pre-progression, post-progression, and death was constructed to capture the outcomes, consequences, and costs of the use of daratumumab triplet therapy among RRMM patients who received at least one prior therapy. The cycle length was one week to capture any differences in costs. The clinical evidence for DvD regimen and Kd regimen was extracted from updated CASTOR and ENDEAVOR clinical trials, respectively. All adverse events of both arms that impact patient life was captured from its published clinical trials. The direct medical costs were captured from the health insurance hospitals. The utilities were extracted from published studies. Deterministic and probabilistic sensitivity analyses were conducted.

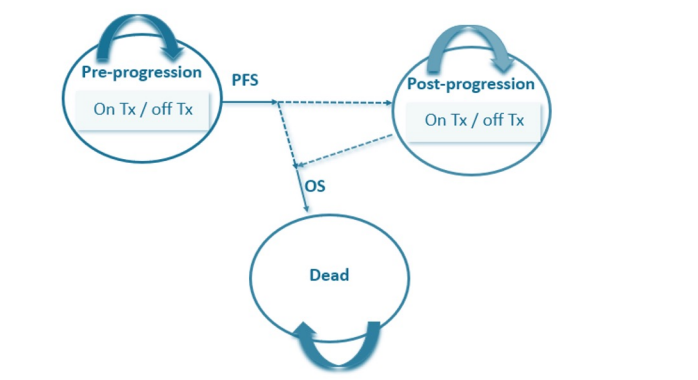
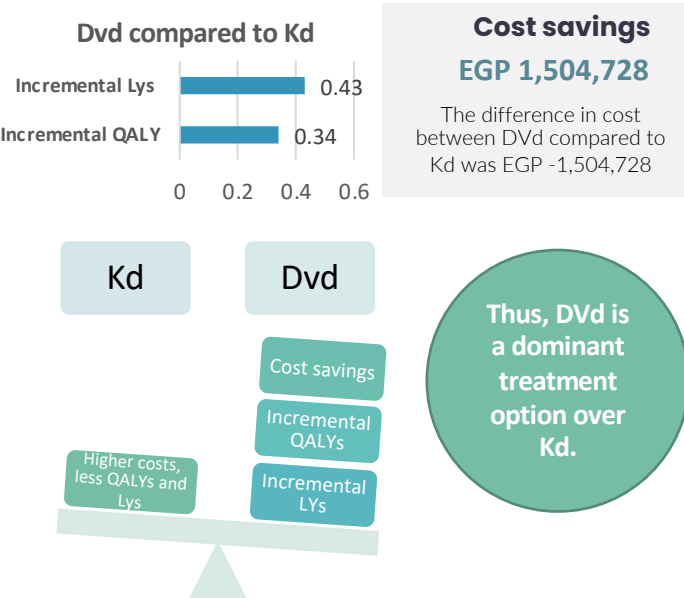


Figure 1: The model structure

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Results



Discussion

