

# *In*-class transition from parenteral bortezomib to oral ixazomib in newly diagnosed multiple myeloma: Analysis of US MM-6 by number of treatment cycles received

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Background

- Results from clinical trials have shown that among patients with newly diagnosed multiple myeloma (NDMM), long-term proteasome inhibitor (PI)-based therapy can improve overall survival and delay disease progression<sup>1-3</sup>
- Achieving this in routine clinical practice, however, is challenging, given that real-life patients tend to be older and frail, and have comorbid conditions<sup>4,5</sup>
- US MM-6 is a prospective, community-based, phase 4 study of *in*-class transition (ICT) from parenteral bortezomib (V)-based induction to all-oral ixazomib-lenalidomide-dexamethasone (IRd) in patients with NDMM (NCT03173092)
  - The key objective is to prolong duration of PI-based therapy and improve outcomes, while maintaining quality of life<sup>6</sup>
  - Results from the fully accrued study cohort (N=140; median follow-up 26.8 months) showed a 2-year progression-free survival (PFS) rate of 71%, with no notable differences among subgroups classified by patient age or clinical trial eligibility<sup>6,7</sup>
- Here, we report results of the US MM-6 study analyzed according to number of treatment cycles received

Methods

- Full methods for US MM-6 real-world, open-label, single-arm study have been published previously;<sup>8</sup> the study design is shown in **Figure 3**<sup>6,8</sup>
- In the current analysis, efficacy and safety were assessed in subgroups of patients who had received 1–3, 4–9, and >9 cycles of IRd (or 4–6, 7–12, and >12 cycles of overall PI-based therapy, respectively)
- Comorbidities were assessed via a modified Charlson Comorbidity Index (mCCI); a score of 0 indicates no comorbidities, while higher scores indicate higher probability of mortality in patients with comorbidities<sup>9</sup>

