Bimekizumab Improvements in Efficacy on Disease Activity Assessed via Composite Endpoints in Biologic DMARD-Naïve and TNFi-IR Patients with Active PsA: Pooled 16-Week Results from Phase 3 Randomized, Placebo-Controlled Studies content provided for shareholders, investors and other capttal market participants only

## Objective

To assess the efficacy of bimekizumab (BKZ) treatment versus


## Background

Pst is a cisease with multiple manifestations it is inportant that the
efficacy of new interventions is assessed across the spectrum of the efficacy of ew winterventions is assessed
disease using composite endpoints.


## Methods

- BE OPTIMAL ( NCTO3895203) and BE COMPLETE (NCTO3896581)
are phase 3 studies assessing $\operatorname{BKZ}$ in patients with PSA who are

 - The primary endpoint in both studies was the proportion of patients
with $250 \%$ improvement in American College of Rheumatology
 at Week 16 was a secondary endpoint.
We present pooled and individual study
treatment arms for compositie endsoonints at We Ber 1 and PBO Iow disease activity (vLDA), Disease Activity in Pes Poriaticic AAthntitis
(DAPSA), Psoriaitic A.
 - Non-responder imputation (NR1) and worst-cateoory imputation
(WCI) were used for missing binary and mutti-category data.)
respectivel


## Results

A total of $1.073 / 1.112$ ( $96.5 \%$ ) patients randomized to BKZ or PBO
completed Week 16.
Baseline characteristics were generally comparable between studies,
with numerical differences between $B E O P T M A L$
and $B E ~ C O M P L L E T E ~$
 - At Week 16 (pooled and indivivual analyses). a higher proportion of
BKZ-treated patients achieved MMA and VLD Nersus PBO-treated


- Comparea with the PBO group, a aigher proportion of BKZ-treated
 Numericaly higher proportions of BKZ- versus PBO-treated patients
achieved $A C R 50+P A S 1100$ ( (igure $3 C$ ).


## Conclusions

 Results were Consistent between studies, with similiar magnitude of esponse observed suggesting that bimekizumab treatment leac
oimprovents in overal l disease activity irrespective of prior toimproveme.
bDMRD use.

## Summary

Composite endpoints are key in assessing the efficacy
of new treatments across mutiple domains of $\mathrm{PS} \mathrm{A}^{2}$.




Figure 1 BE OPTIMAL and BE COMPLETE study designs


Figure 2 Patients achieving MDA and VLDA to Week 16 (NRI)



Figure 3 Patients achieving other composite endpoints at Week 16




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