

AMBER STUDY

Evaluating whether patiomer can enable persistent use of spironolactone in patients with rHTN and advanced CKD, by managing hyperkalaemia

Spironolactone is an effective treatment for rHTN*, but many previous studies have excluded patients with advanced CKD (eGFR <45 mL/min/1.73 m²) who are at high risk of hyperkalaemia;¹ **AMBER** is the first study to evaluate whether patiomer can enable spironolactone use in this patient population.

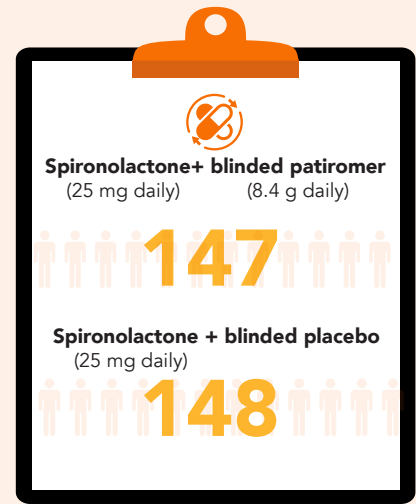
*rHTN: blood pressure above goal despite adherence to a combination of at least 3 optimally dosed antihypertensive medications, one of which is a diuretic



295 patients with rHTN and advanced CKD

- Systolic AOBP 135–160 mmHg
- eGFR 25–45 mL/min/1.73 m²

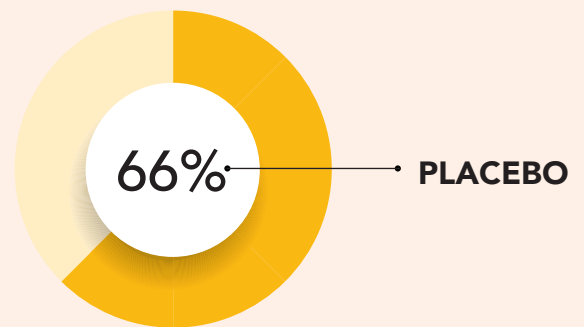
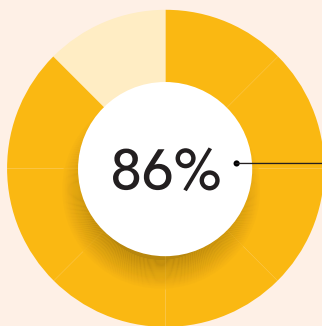
randomised 1:1 to



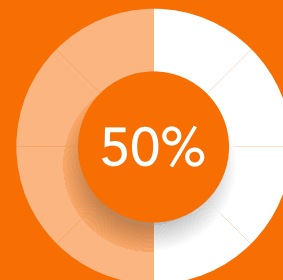
PRIMARY ENDPOINT

In advanced CKD with rHTN, patiomer enables more persistent use of spironolactone

Primary endpoint: between-group difference in % of patients who remained on spironolactone at week 12:



Among patients receiving placebo, 2 out of 3 developed hyperkalaemia.



Patiomer reduced this risk by half.

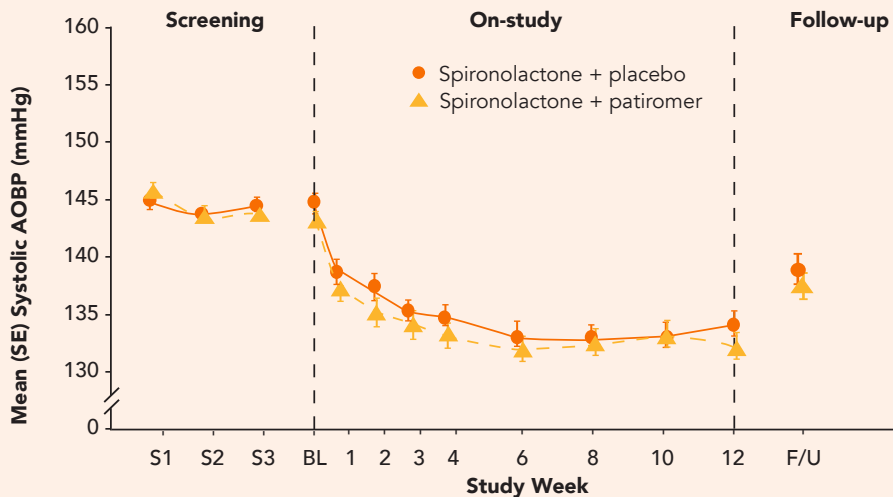
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SECONDARY ENDPOINT

Secondary endpoint: between-group difference in change of systolic BP at **week 12**

Spirolactone use in patients with advanced CKD and rHTN resulted in a clinically significant 11–12 mmHg reduction in systolic BP, with a difference between groups of –1 mmHg, P=0.58

SYSTOLIC AOBP OVER TIME



Spirolactone metabolites were detectable long after discontinuation* and with the long half-lives of spirolactone metabolites, approximately half of the systolic BP effect was still present, 2 weeks after discontinuation of spirolactone.

As most discontinuations in the placebo group occurred after 6 weeks of the study; it may be possible that there was insufficient time to observe a difference in systolic AOBP between treatment groups.

* in 36.4% of patients 3 weeks after discontinuation of spirolactone

These findings are noteworthy because meta-analyses of RCTs have shown that a 10 mmHg drop in systolic blood pressure could mean^{2,3}



↓ **20%**
major CV events



↓ **20%**
coronary events

↓ **40%**
heart failure



↓ **10–15%**
all-cause mortality



↓ **35%**
stroke

Patiromer's safety profile was consistent with previous reports⁴⁻⁶

Abbreviations: AOBP, automated office blood pressure; BL, baseline; BP, blood pressure; CKD, chronic kidney disease; CV, cardiovascular; eGFR, estimated glomerular filtration rate; F/U, follow-up; RCT, randomised controlled trial; rHTN, resistant hypertension; SE, standard error

The information and materials for Veltassa® contained in this website were prepared based on the EU SmPC. Prescribing information may vary depending on local approval in each country. Therefore, before prescribing any product, always refer to local materials such as the prescribing information and/or the Summary of Product Characteristics (SPC).

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