

# DIVOLTAN

## **Joining Forces**

**CCBs & ARBs in a Single Pill Combination** 

- CCB/ARB Complementary Mode of Action
- Better Blood Pressure Reduction
- Marked Reductions of Blood Pressure in all Grades of Hypertension

## Amlodipine + Valsartan



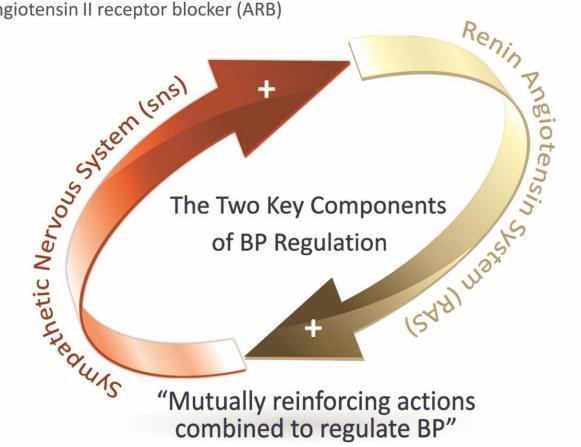




DIVOLTAN: CCB/ARB complementary mode of action

#### DIVOLTAN: The single pill that contains:

- → AMLODIPINE the # 1 prescribed calcium-channel blocker (CCB)
- → VALSARTAN the # 1 prescribed angiotensin II receptor blocker (ARB)







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#### CCB+ARB:

The Synergies of Counter-Regulation

#### BP

Synergistic BP reduction complementary clinical benefits

#### CCB

- RAS activation
- No renal or CHF benefits

#### ARB

- RAS blockade
- CHF and renal benefits

#### **CCB**

- Arteriodilation
- Peripheral edemaEffective in low-renin patients
- Reduces cardiac ischemia

#### ARB

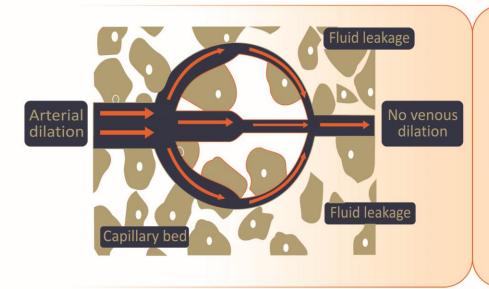
- Venodilation
- Attenuates peripheral edema
- Effective in high-renin patients

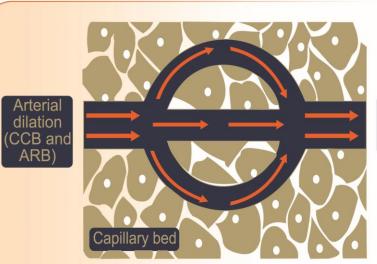


DIVOLTAN: CCB/ARB complementary mode of action

Peripheral Edema Associated with CCBs

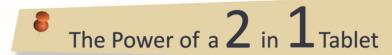
Complementary Effects of a CCB/ARB Reduction of CCB-associated Edema





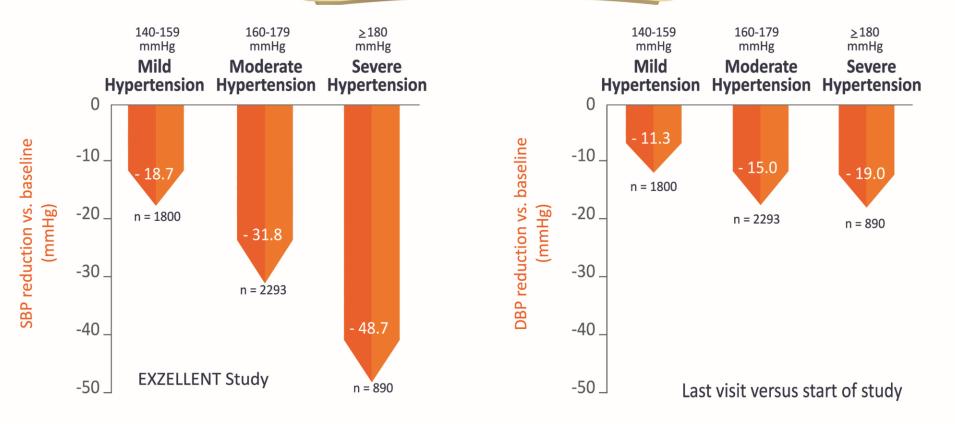
Arteria dilation





DIVOLTAN: Marked Reductions of Blood Pressure in All Grades of Hypertension

Average blood pressure reduction in all patients





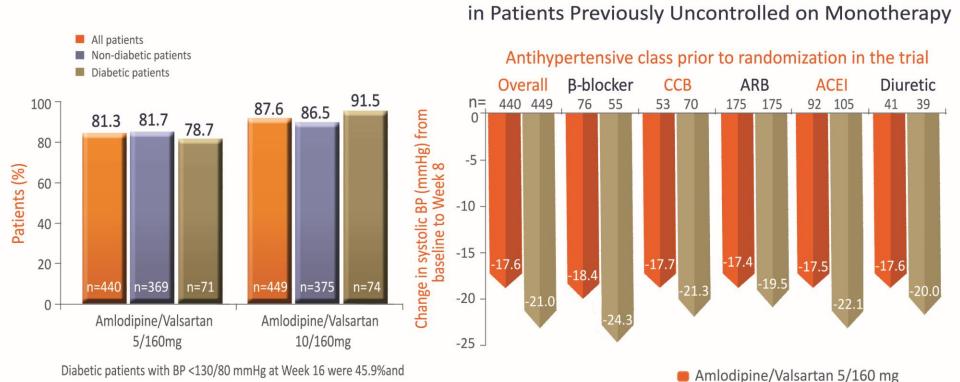
Incremental Antihypertensive Efficacy of DIVOLTAN

Amlodipine/Valsartan 10/160 mg



Up to 9 out of 10 patients reach BP goal < 140/90

40.7% for 5/160 mg and 10/160 mg doses, respectively

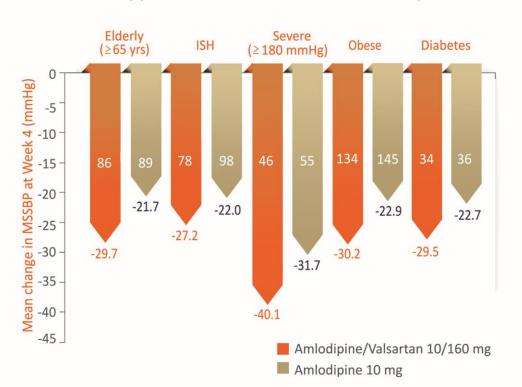


## DIVOLTAN

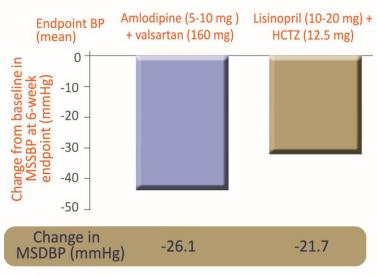


© DIVOLTAN is approved as a *FIRST-LINE* therapy for patients likely to need more than 1 agent to achieve BP goal

DIVOLTAN: Superior BP-lowering Efficacy versus Amoldipine Monotherapy Across Difficult-to-treat Patient Populations



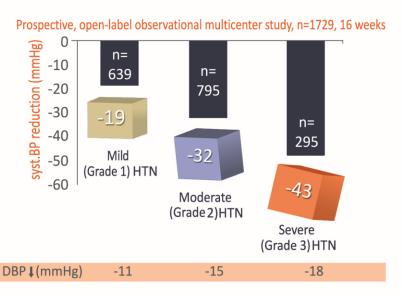
## DIVOLTAN: Powerful SBP of 43 mmHg in Patients with a Baseline MSSBP ≥ 180 mmHg



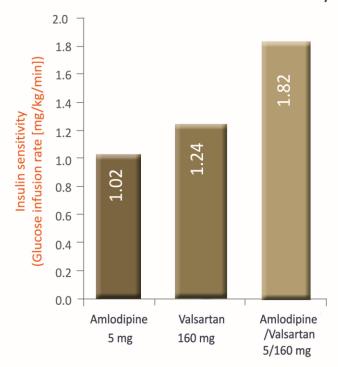
Baseline mean sitting systolic BP (MSSBP): 188 mmHg Baseline mean sitting diastolic BP (MSDBP): 113 mmHg

- **DIVOLTAN** for Diabetic Patients
- Powerful BP Reductions Across All Grades of Hypertension in Diabetic Patients.
- Increases Insulin Sensitivity to a Greater Extent than Component Monotherapies in Obese Patients with Hypertension.

#### **DIVOLTAN BP Reductions in Patients with Diabetes**



#### **DIVOLTAN Increases Insulin Sensitivity**







#### **DIVOLTAN FDA Approved Indications**

#### Add-on Therapy:

- A patient whose blood pressure is not adequately controlled with a CCB alone or with an ARB alone may be switched to combination therapy with DIVOLTAN.
- A patient who experiences dose-limiting adverse reactions on either component alone may be switched to DIVOLTAN containing a lower dose of that component in combination with the other to achieve similar blood pressure reductions.

#### Replacement Therapy:

For convenience, patients receiving amlodipine and valsartan from separate tablets may instead wish to receive tablets of DIVOLTAN containing the same component doses.

#### **Initial Therapy:**

For patients likely to need more than 1 agent to achieve BP goal.

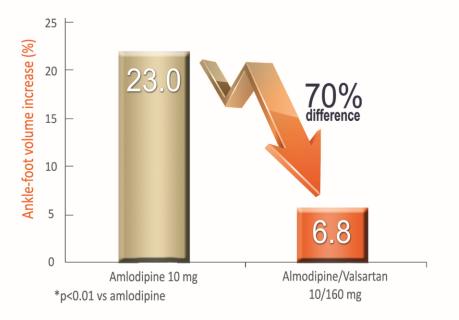




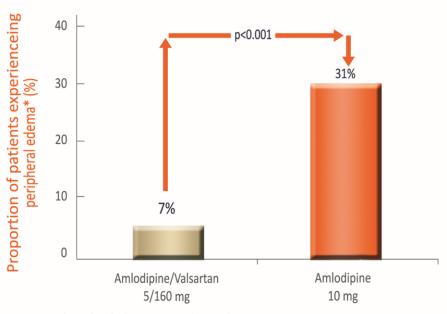
### DIVOLTAN (Amlodipine/Valsartan):

- Reduces Fluid Retention
- Lower Incidence of Peripheral Edema

## Reduced Fluid Retention with DIVOLTAN Compared with Amlodipine Monotherapy



## DIVOLTAN: Fewer Patients Experience Peripheral Edema Versus Amlodipine Monotherapy



\*Peripheral edema measured at Week 8 Schrader J. et al. Int J Clin Pract 2009:63:217-25



## **DIVOLTAN Safety & Tolerability**

- DIVOLTAN may be administered with other antihypertensive agents.
- → DIVOLTAN may be administered with or without food.
- → In clinical trials, discontinuation due to side effects was comparable between

## DIVOLTAN 1.8%



Placebo 2.1%

Symptomatic Hypotension Occurs at Very Low Frequency with Amlodipine/Valartan

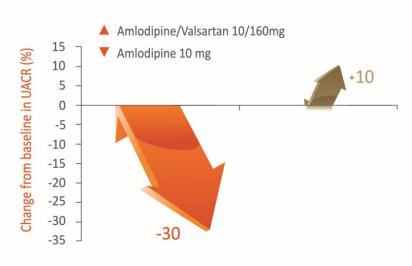


or fewer reports of symptomatic hypotension in elderly patients



or fewer reports of symptomatic hypotension in non-elderly patients

DIVOLTAN Reduces Urinary Albumin Excretion Compared with Amlodipine in Patients with Stage 2 Hypertension.



## DIVOLTAN

Amlodipine + Valsartan



10 / 160 mg





5/80 mg

For a Healthier Tomorrow



# Perfect Bone



(as D3 200 I.U.) 5 mcg

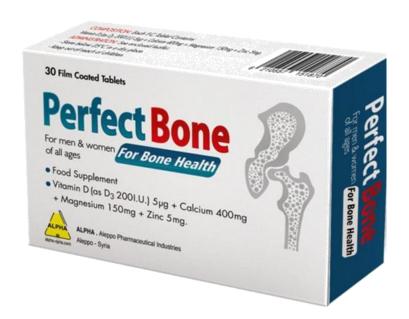
Ca

400 mg

Mg

150 mg











# THANK YOU

