

# Effectiveness of an amlodipine and perindopril arginine-based strategy for hypertension management in Morocco: a prospective observational study

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### Content

**Annex 1:** proportion of participants who attained blood pressure control between day 30 and 60 among patients with hypertension uncontrolled on amlodipine monotherapy treated with an amlodipine perindopril arginine-based strategy, Morocco, October 2023 to March 2024 (N=1,614)

**Annex 2:** blood pressure changes between baseline and day 90 according to stages of hypertension among patients with hypertension uncontrolled on amlodipine monotherapy treated with an amlodipine perindopril arginine-based strategy, Morocco, October 2023 to March 2024 (N=1,614)

**Annex 1:** proportion of participants who attained blood pressure control between day 30 and 60 among patients with hypertension uncontrolled on amlodipine monotherapy treated with an amlodipine perindopril arginine-based strategy, Morocco, October 2023 to March 2024 (N=1,614)

	Day 30, n (%)	Day 90, n (%)	p-value
BP<140/90 mmHg	969(60)	1474(91.3)	< 0.0001
BP < 140/80 mmHg	571(35.4)	1077(66.7)	< 0.001
BP < 130/80 mmHg	231 (14.3)	569 (35.3)	< 0.001

Results are presented as numbers (percentages). p-values are from McNemar's test

<b>Annex 2:</b> blood pressure changes between baseline and day 90 according to stages of hypertension among patients with hypertension uncontrolled on amlodipine monotherapy treated with an amlodipine perindopril arginine-based strategy, Morocco, October 2023 to March 2024 (N=1,614)				
<b>Blood pressure (mmHg)</b>	<b>Day 0, Mean (95% CI)</b>	<b>Day 90, Mean (95% CI)</b>	<b>Mean difference, Mean (95% CI)</b>	<b>p-value</b>
<b>Stage 1, n=212</b>				
Systolic BP	153.4(126.4, 128.3)	127.3(126.4, 128.3)	-26.1(-27.2, -25.0)	<0.0001
Diastolic BP	86.8(85.8, 87.7)	74.3(73.5, 75.1)	-12.5(-13.6, -11.3)	< 0.0001
<b>Stage 2, n=871</b>				
Systolic BP	166.1(165.7, 166.5)	128.6(128.0, 129.1)	-37.5(-38.2, -36.9)	< 0.0001
Diastolic BP	90.5(89.9, 91.0)	74.3(73.9, 74.7)	-16.2(-16.8, -15.5)	< 0.0001
<b>Stage 3, n=531</b>				
Systolic BP	186.8(185.8, 187.8)	129.5(128.7, 130.3)	-57.3(-58.6, -56)	< 0.0001
Diastolic BP	97.8(96.9, 98.7)	75.2(74.7, 75.8)	-22.6(-23.5, 21.6)	< 0.0001
Results are presented as the arithmetic mean (95% confidence interval). p-values are from a paired t-test				