

**EVALUATE THE EFFICACY OF NEVIRAPINE BASED
REGIMEN AND BOOSTED PI BASED REGIMEN FOLOWED BY
NEVIRAPINE BASED REGIMEN IN TREATMENT NAÏVE
ADVANCED HIV INFECTED PATIENTS
AT CHONBURI HOSPITAL**

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ABSTRACT

OBJECTIVE: To evaluate the efficacy of a nevirapine-based regimen and a boosted PI-based regimen followed by a nevirapine-based regimen in the treatment of naïve advanced HIV patients.

METHOD: A retrospective, descriptive study of 156 patients initiating either NVP-based regimen (n=92) or boosted PI-based regimen followed by a NVP-based regimen (n=64) was conducted. Patients were excluded from further participation if they changed their original antiretroviral regimen for any reason.

RESULTS: The patients in the PI-based group had lower median baseline CD4⁺ T-cell count (25 vs. 41 in NVP group) and a higher median baseline bodyweight (54 kg vs. 52 kg in the NVP group). After 2 years of therapy, the median increase from baseline CD4⁺ T-cell count was 226 cells/ul in the NVP group and 287 cells/ul in the boosted PI group. 55.4% of patients had CD4⁺ T-cell counts >200x10⁶ cell/l in the NVP group and 85.4% in the boosted PI-based group at 2 years' treatment. The percentage median bodyweight gain from baseline was 10.2%, range 4.9-20%, in the NVP-based regimen and 12.3%, range 4.3-23.5%, in the boosted PI-based regimen after 2 years' treatment.

CONCLUSION: The 2NRTI+NVP-based regimen and the 2NRTI+boosted PI-based regimen, followed by the NVP-based regimen, were effective in incrementing bodyweight and CD4⁺ T-cell counts in advanced HIV patients in the 2-year treatment time frame.

KEY WORDS: NVP BASED REGIMEN/ADVANCED AIDS/TREATMENT NAIVE/
BOOSTED PI BASED REGIMEN