


## LETTER TO THE EDITOR

## Efavirenz, dysrhythmia and HIV

To the Editor

We would like to share ideas on “Association between exposure to Efavirenz and substrates of dysrhythmia in HIV-infected young adults.”<sup>1</sup> Hosseini et al. concluded, “patients with Efavirenz had higher prevalence of frequent PVC, frequent PAC, total significant dysrhythmia, Low HRV and prolonged QTc than controls.”<sup>1</sup> The Efavirenz is widely mentioned for effect on cardiac rhythm. An important determinant is underlying genetic factors. CYP2B6\*6\*6 allele carrier is associated with cardiac rhythm problem in person with HIV receiving Efavirenz.<sup>2</sup> It is interesting to assess background genetic factors in case and control group in the report by Hosseini et al.<sup>1</sup> In a previous report from Iran, CYP2B6\*6 was common in Iran population<sup>3</sup> and it might be an explanation for the high frequency of cardiac dysrhythmia among HIV cases receiving Efavirenz in the study by Hosseini et al.

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