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Conclusions

Fridericia and Framingham correction formulae showed the best rate correction and significantly improved prediction of 30-day and 1-year mortality. With current clinical standards, Bazett overestimated the number of patients with potential dangerous QTc prolongation, which could lead to unnecessary safety measurements as withholding the patient of first-choice medication.

Abbreviations on the EKG tracing:

*** QTcfr = Framingham formula ***

*** QTcF = Fridericia formula ***

QTcb = Bazett Formula (not the best estimate. It underestimates low and overestimates high)

QTch = Hodges formula

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