

Table 6: Daily warfarin dose requirements based on gender in patients with various *CYP2C9*, *VKORC1* and *factor VII* genotypes.

	Wild Type (1)	Homozygous Mutant (2)	Heterozygous (3)
	Mean \pm SD median (25th-75th)	Mean \pm SD median (25th-75th)	Mean \pm SD median (25th-75th)
VKORC1 -1639 G>A	Female: 4.88 \pm 1.60 5.00 (3.93-6.07)	Female: 3.93 \pm 2.03 3.43 (2.35-5.63)	Female: 3.64 \pm 1.43 2.86 (2.50-5.00)
	Male: 5.13 \pm 1.37 5.00 (3.93-5.71)	Male: 4.58 \pm 1.49 5.00 (3.30-5.53)	Male: 3.22 \pm 1.00 3.21 (2.50-3.75)
p Value	0.696 ^a	0.366 ^a	0.372 ^b
CYP2C9*2	Female: 4.33 \pm 1.65 4.29 (2.50-5.36)	Female: 2.18 \pm 0.38 2.20 (1.82-2.50)	Female: 3.55 \pm 1.27 3.93 (2.50-4.82)
	Male: 4.19 \pm 1.64 3.93 (2.50-5.17)	Male: 3.75 \pm 1.77 3.75 (2.50-5.17)	Male: 4.68 \pm 1.32 4.47 (3.75-5.45)
p Value	0.667 ^b	0.140 ^b	0.053 ^a
CYP2C9*3	Female: 3.58 \pm 1.73 2.50 (2.50-5.00)	Female: 4.14 \pm 1.09 4.64 (3.04-5.00)	Female: 4.61 \pm 1.40 4.64 (3.93-5.62)
	Male: 3.84 \pm 1.20 3.75 (2.50-5.00)	Male: 4.29 \pm 2.22 3.57 (2.68-6.61)	Male: 4.97 \pm 1.55 5.00 (3.93-5.98)
p Value	0.243 ^b	0.711 ^b	0.501 ^a
Factor VII -401 G>T	Female: 3.83 \pm 1.27 3.93 (2.50-5.00)	Female: 5.00 \pm 1.73 5.00 (3.93-6.79)	Female: 3.51 \pm 1.75 2.50 (2.50-5.00)
	Male: 3.64 \pm 1.15 3.21 (2.50-4.29)	Male: 5.48 \pm 1.83 5.00 (3.93-6.79)	Male: 4.72 \pm 1.55 5.00 (3.30-5.53)
p Value	0.690 ^b	0.682 ^b	0.040 ^{a*}

VKORC1: Vitamin K epoxide reductase genotype, *CYP2C9*2*: cytochrome P450 2C9*2 genotype, *CYP2C9*3*: cytochrome P450 2C9*3 genotype, *factor VII*: coagulation factor VII genotype, a: t-test, b: Mann-Whitney Test.