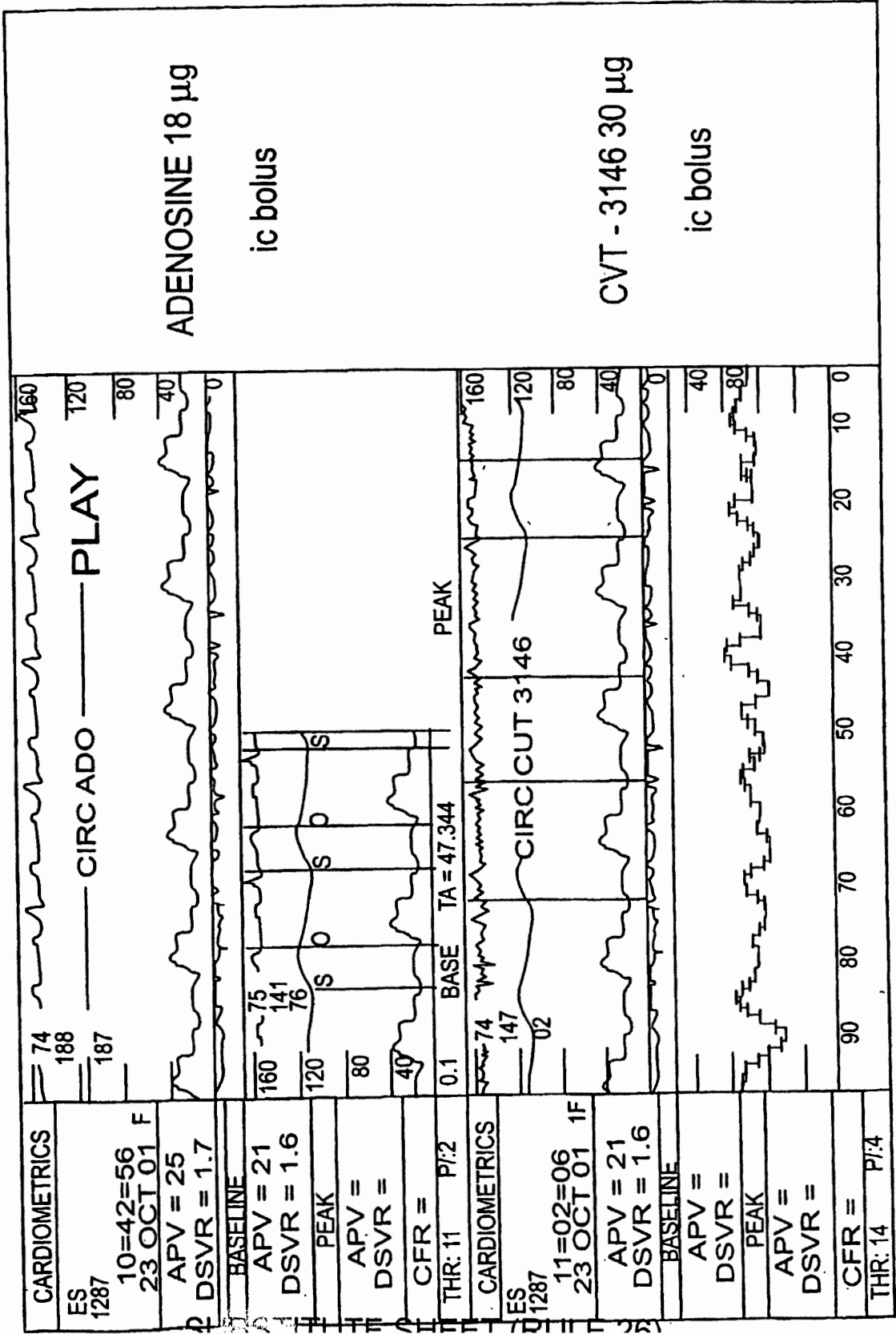


FIG. 1



Dose-Dependent Increase in Peak Flow Velocity Caused by CVT-3146

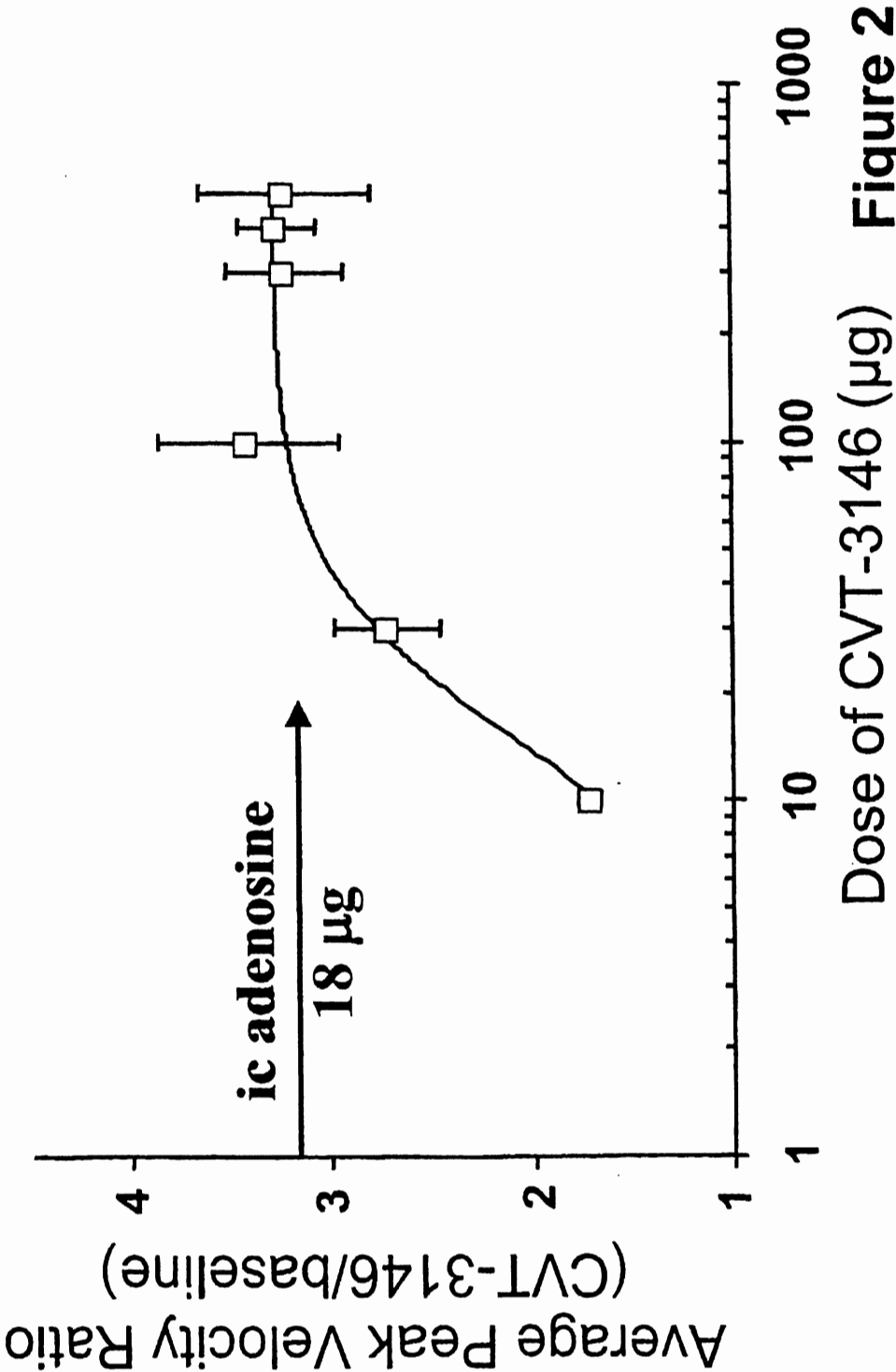


Figure 2

CVT-3146 and Coronary Flow Velocity
Duration of Effect:

Duration ≥2.5 Baseline	
Dose (n)	Mean ± SEM
10 µg (4)	0
30 µg (4)	0
100 µg (3)	0.2 ± 0.2 minutes
300 µg (4)	2.2 ± 1.3 minutes
400 µg (8)	2.8 ± 0.8 minutes
500 µg (4)	2.9 ± 1.3 minutes

Figure 3

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Time Course of APV Ratio (CVT-3146 400 µg)

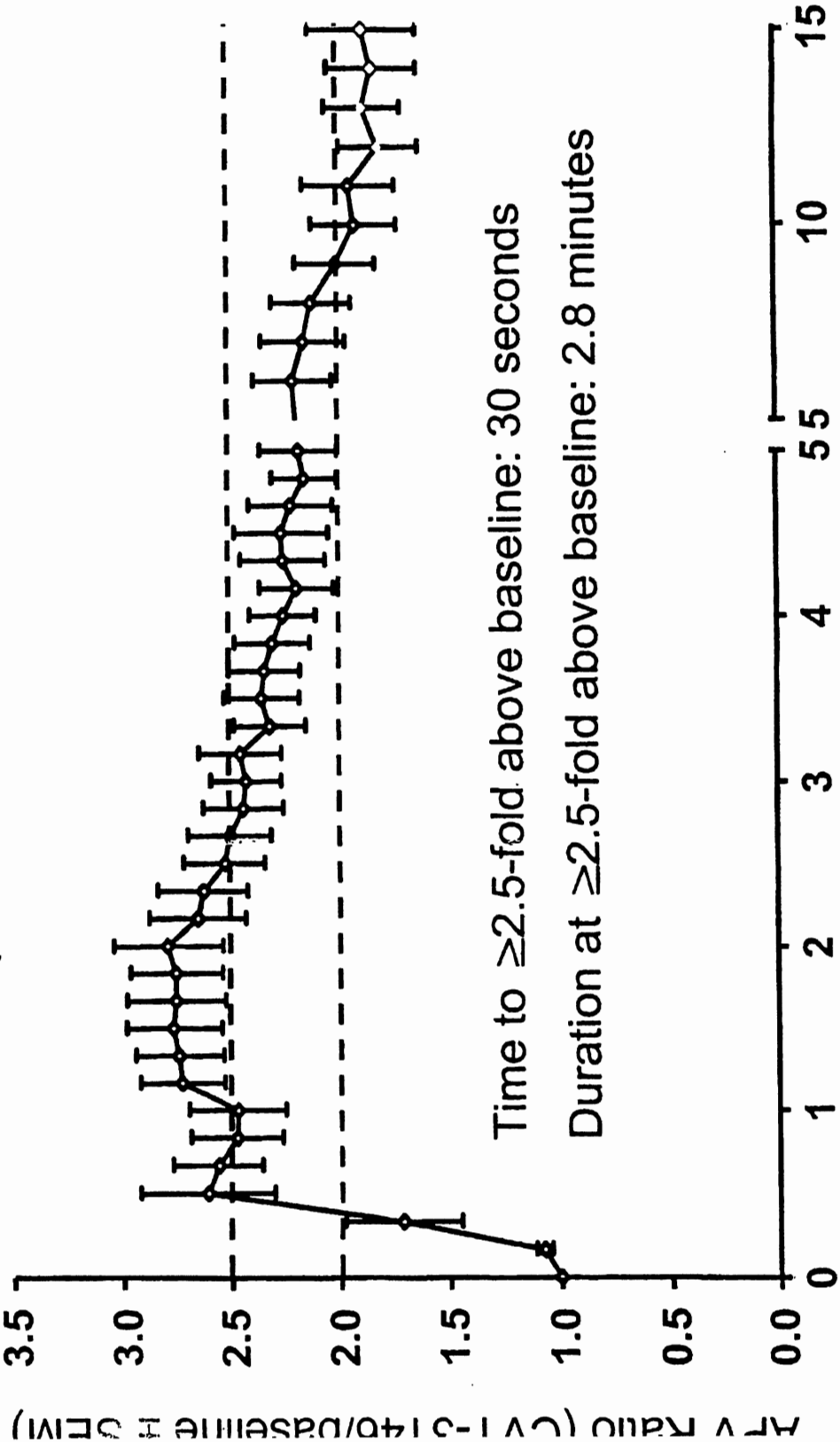


Figure 4

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Time Course of Heart Rate (CVT-3146 400 µg)

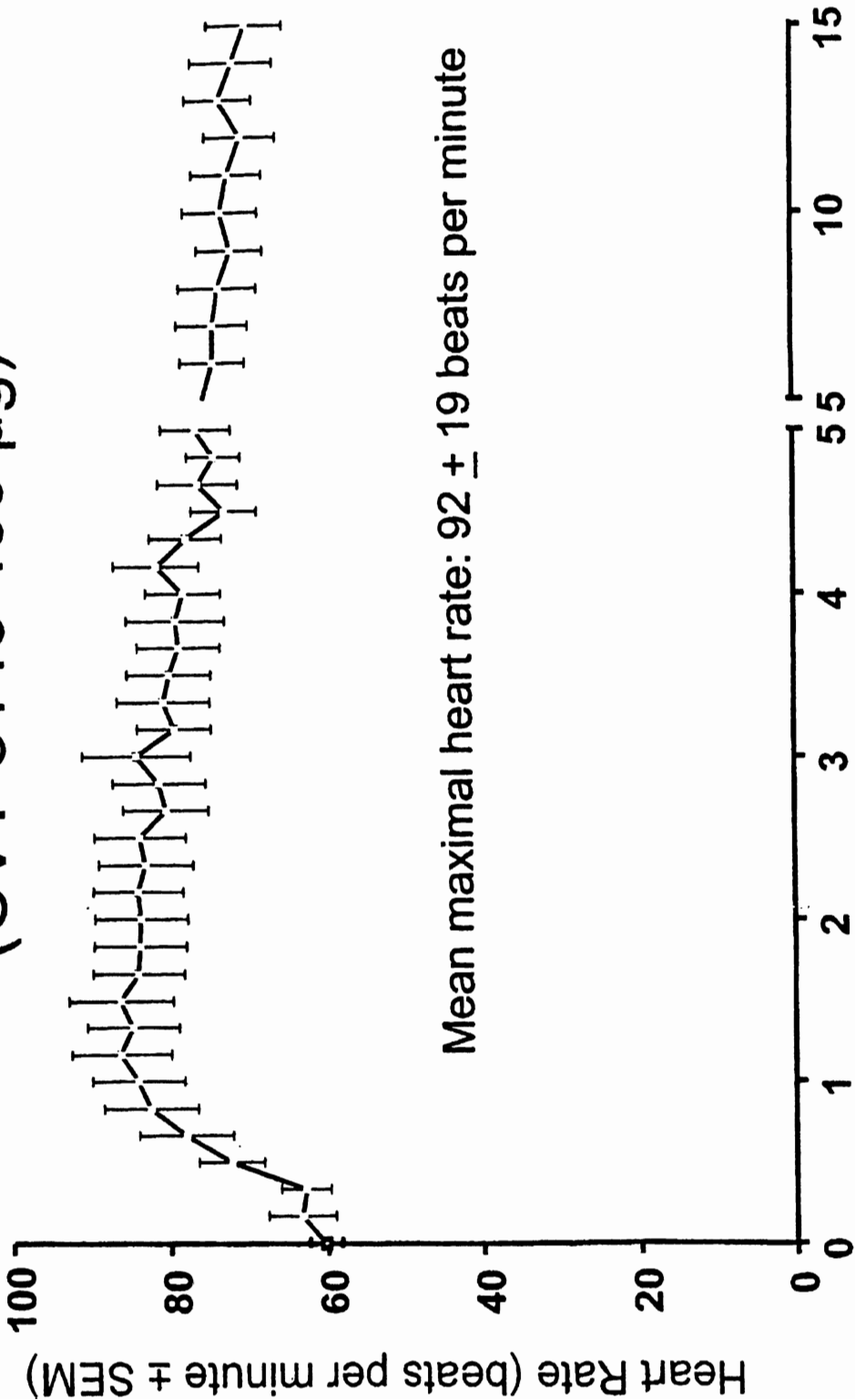


Figure 5

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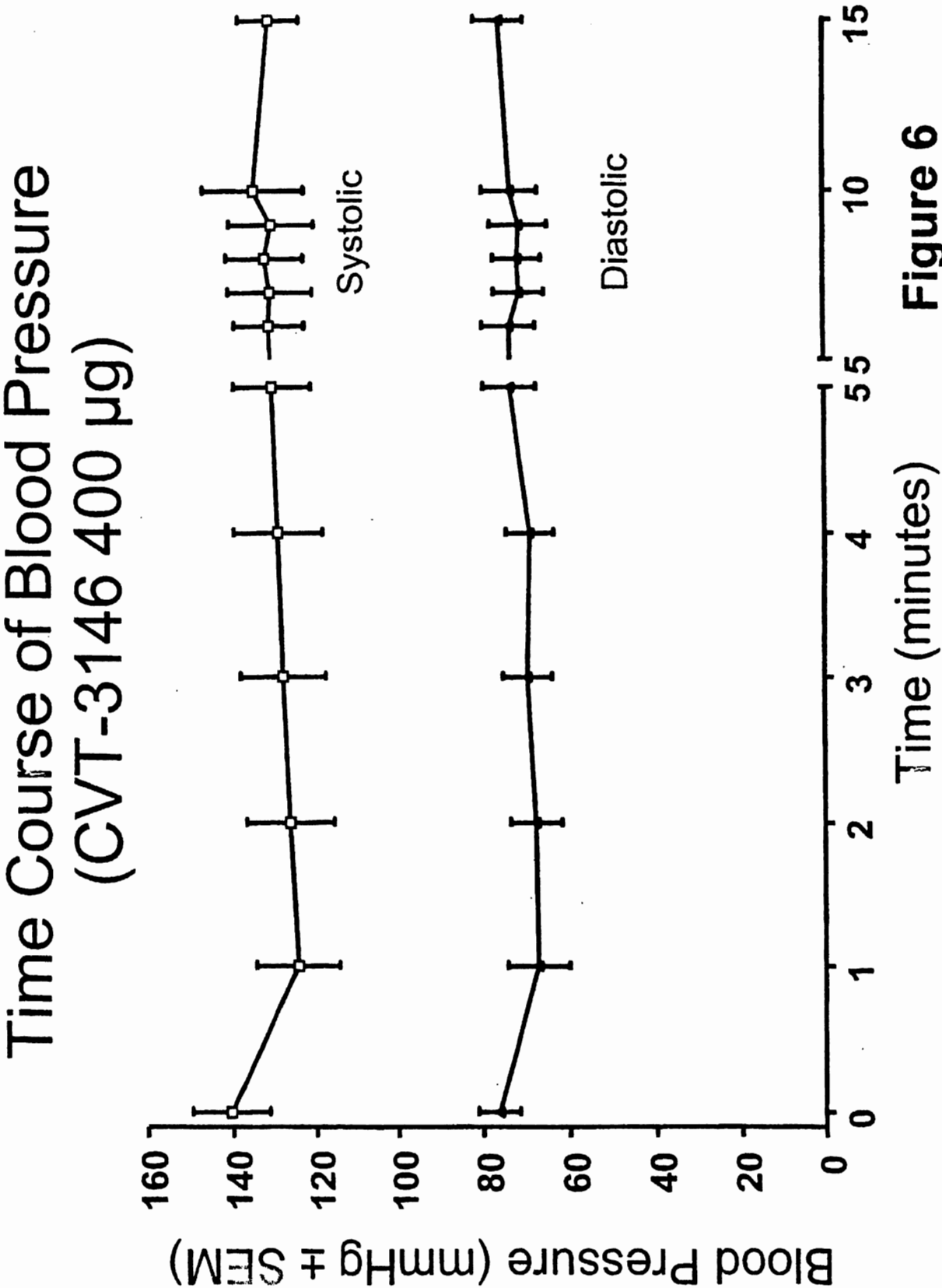


Figure 6

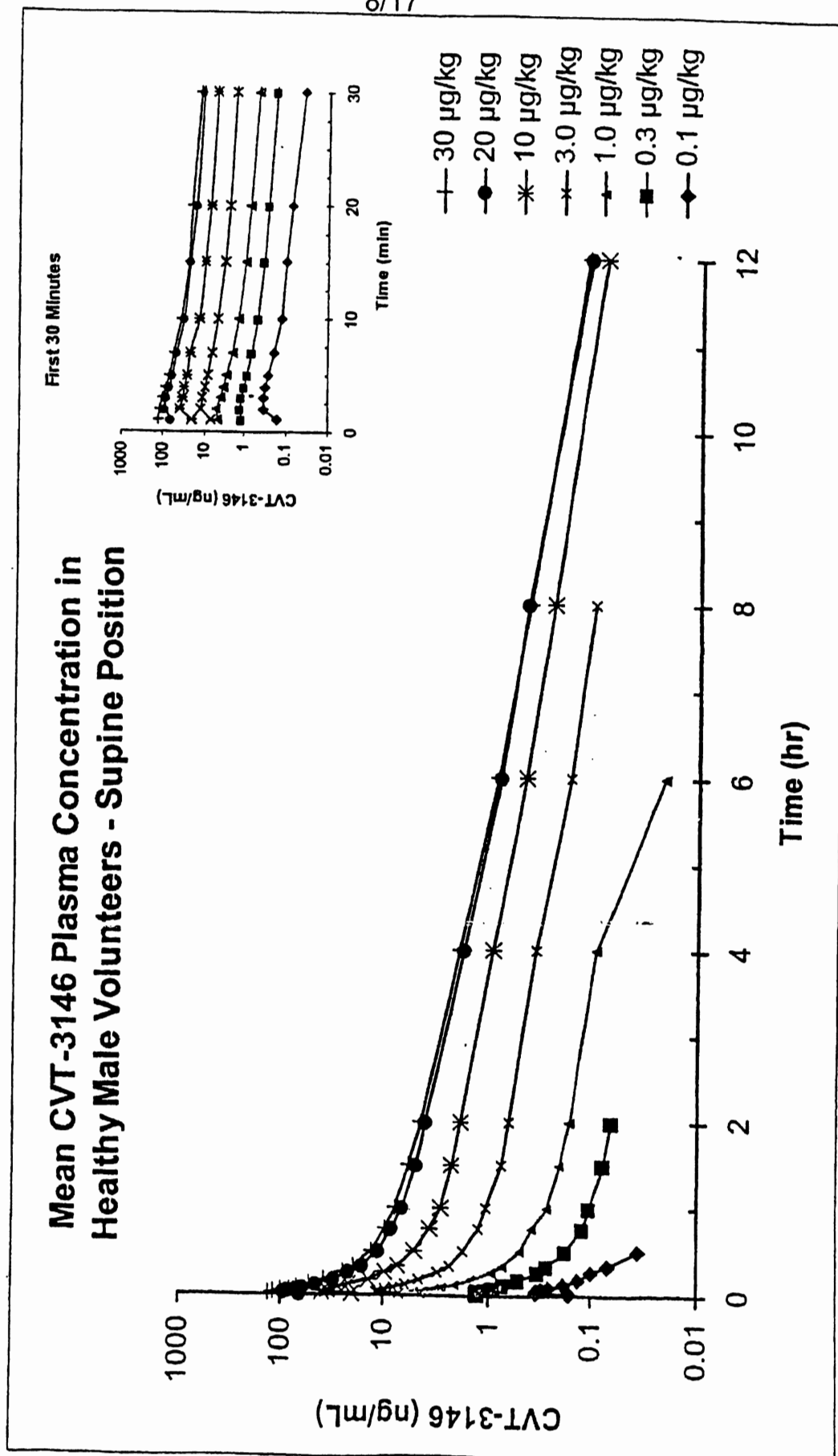
All Drug-Related Adverse Events Were Mild and Transient

Adverse Event	All Doses (n = 36)	400 µg (n = 9)
chest discomfort	3	3
increased heart rate	3	1
hypotension	2	2
flushing	2	1
shortness of breath	2	0
funny taste in mouth	1	0
sensation in mouth, sinus, and chest	1	0
headache	1	0
tingling in hands	1	1
heart racing	1	1
bradycardia	1	1
lightheadedness	1	1
cough	1	0
nausea and vomiting	1	0

Figure 7

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Figure 8



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Figure 9

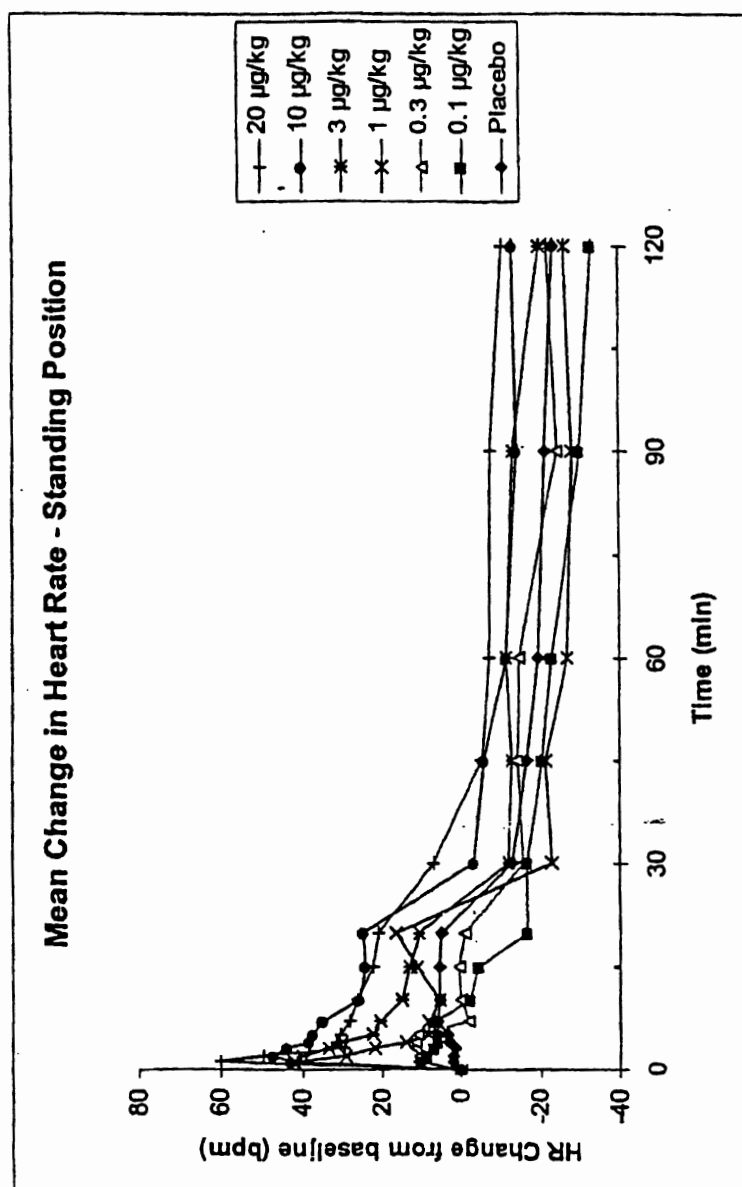
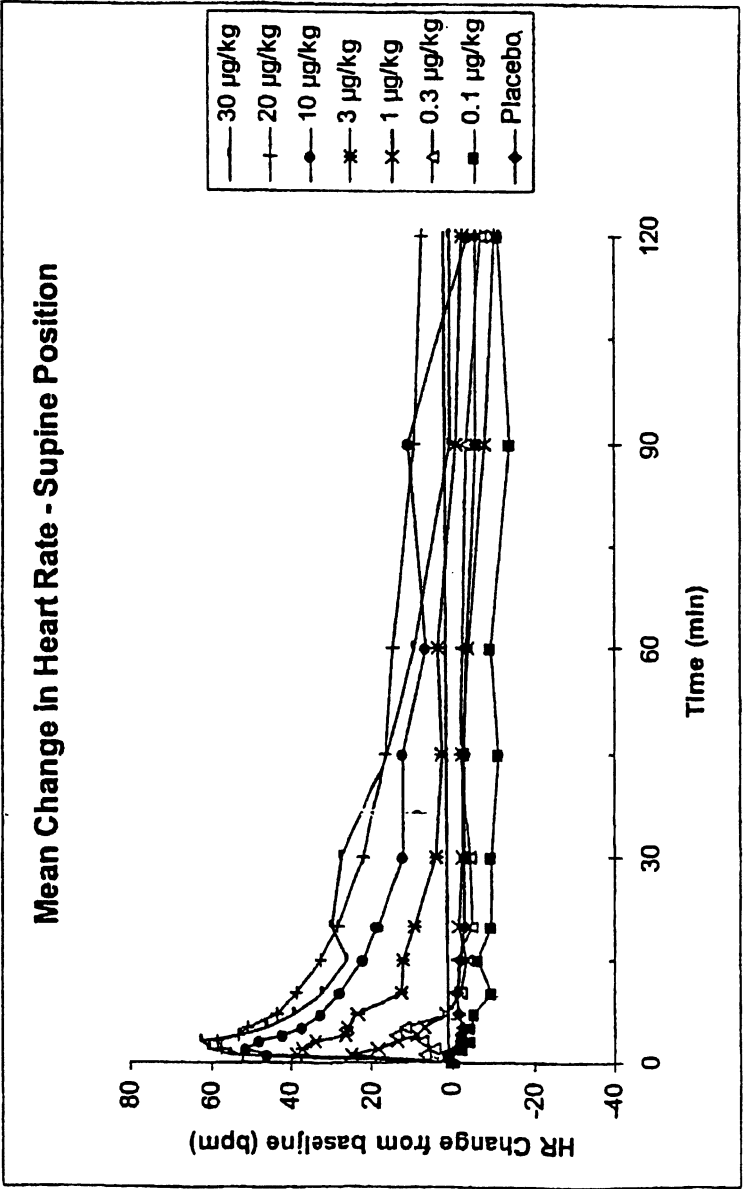
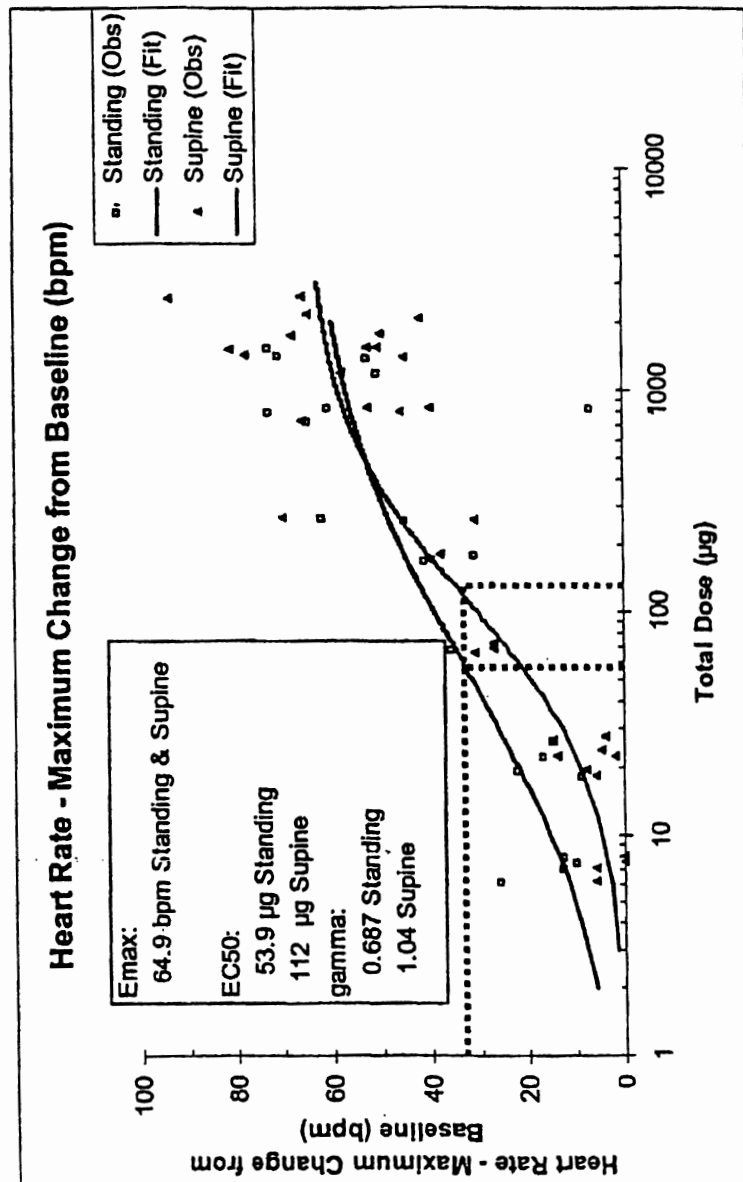


Figure 10



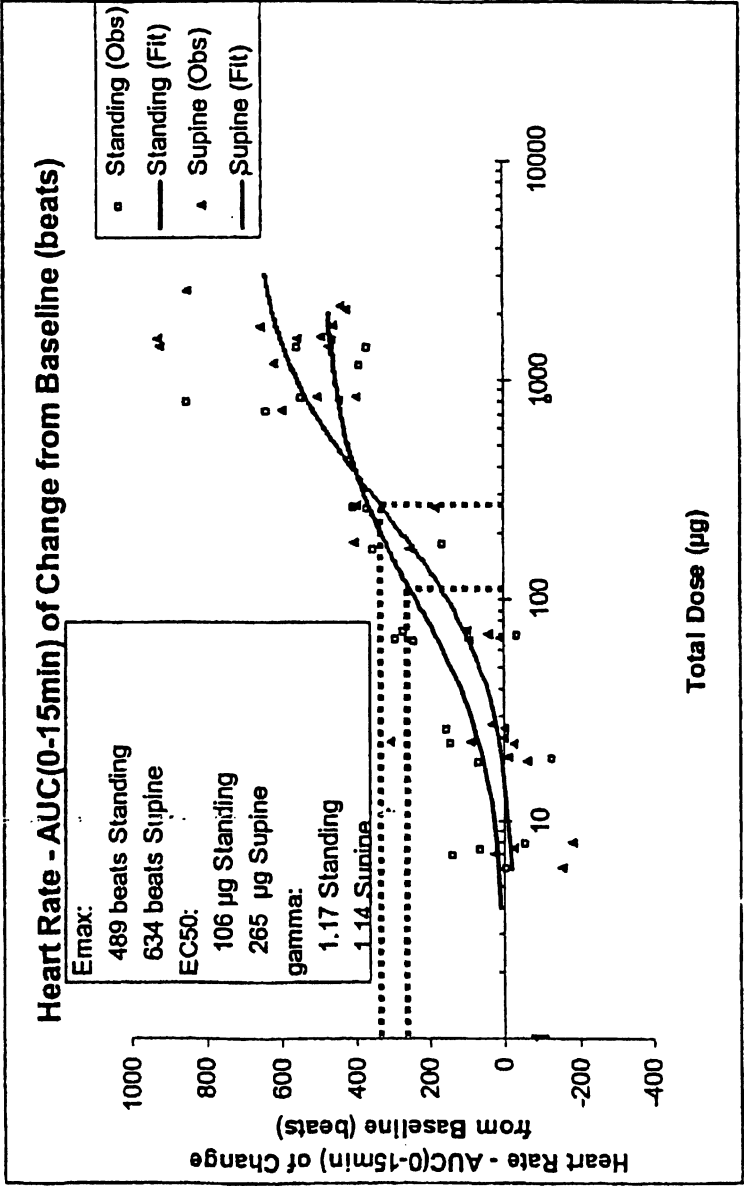
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Figure 11



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Figure 12



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Figure 13

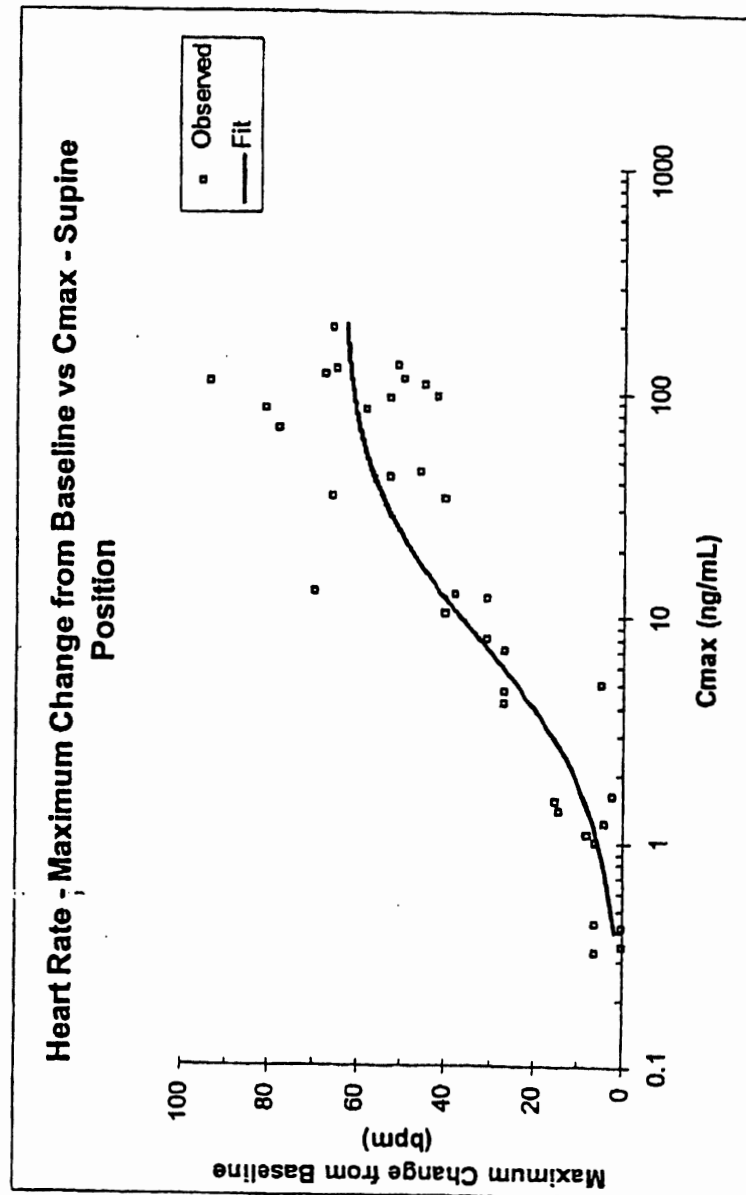
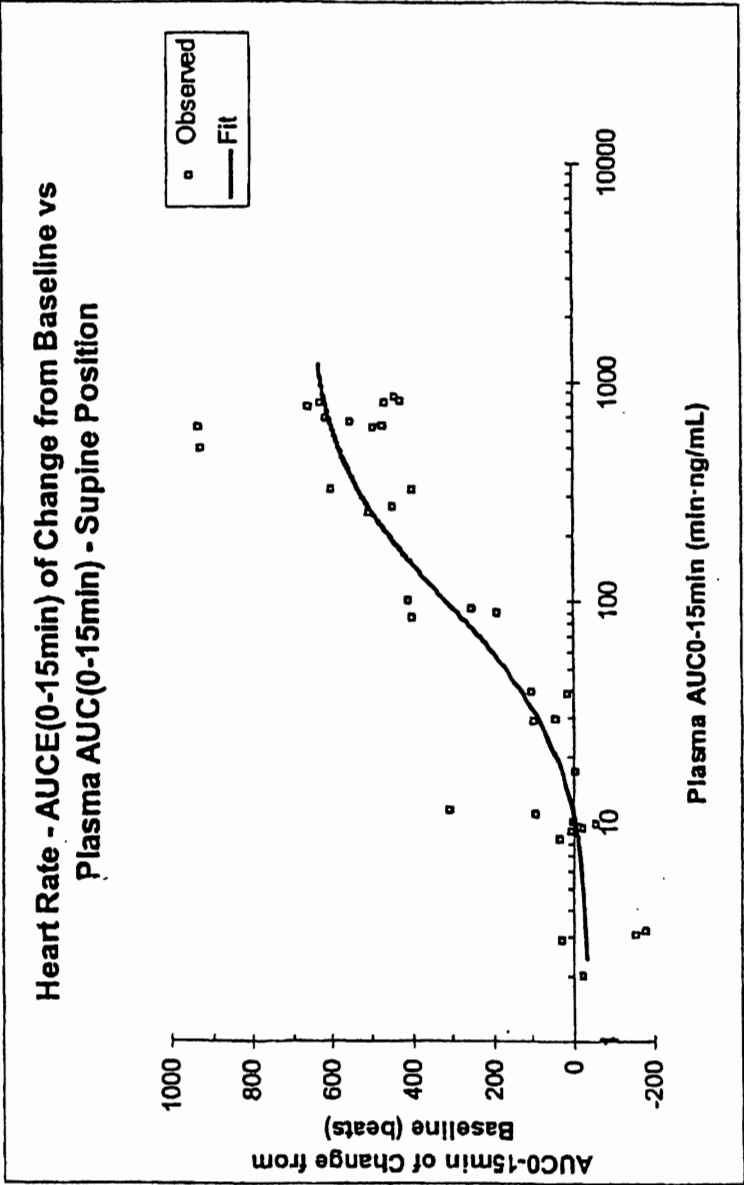
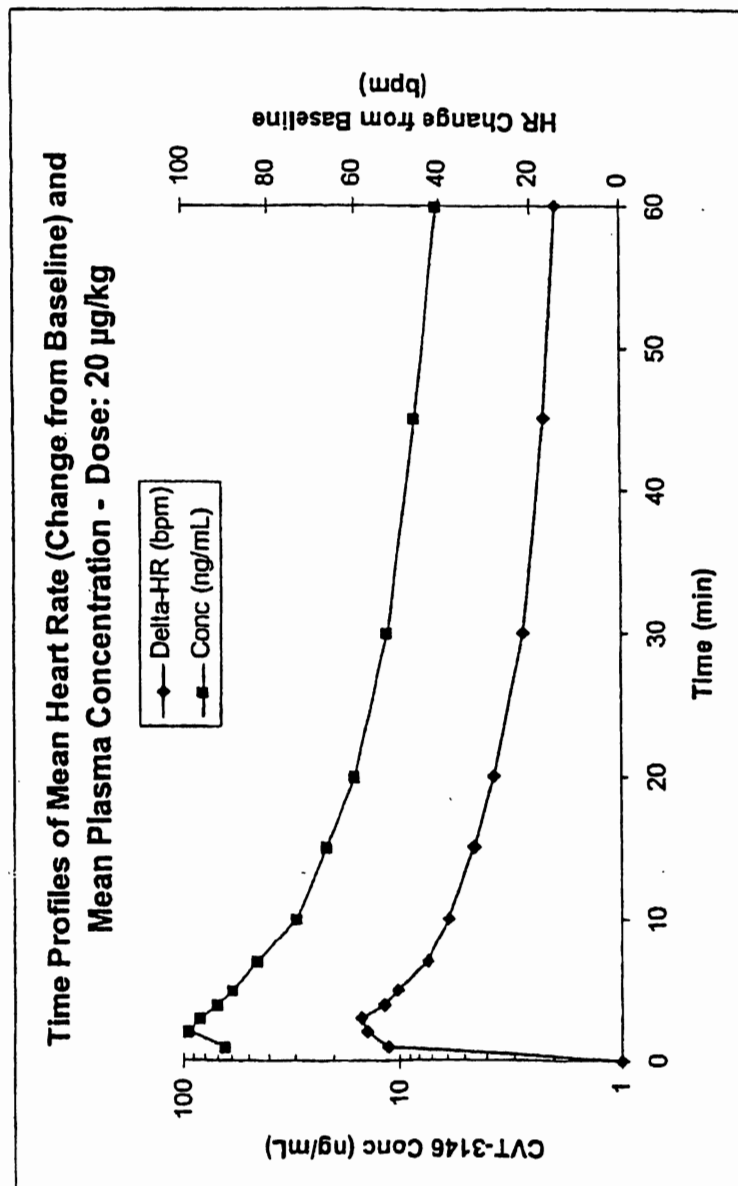


Figure 14

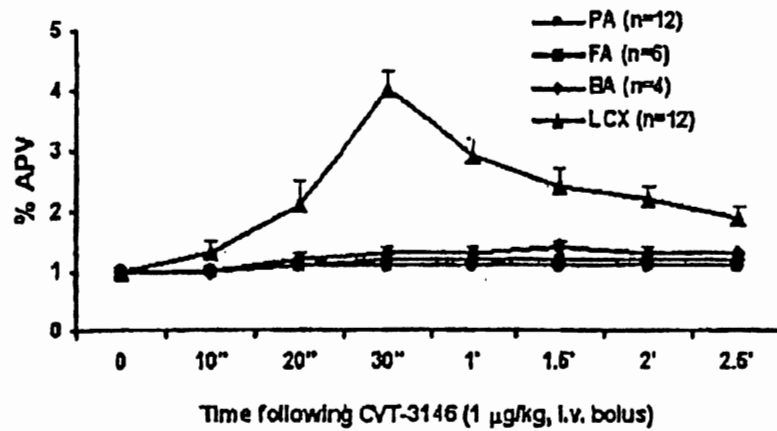
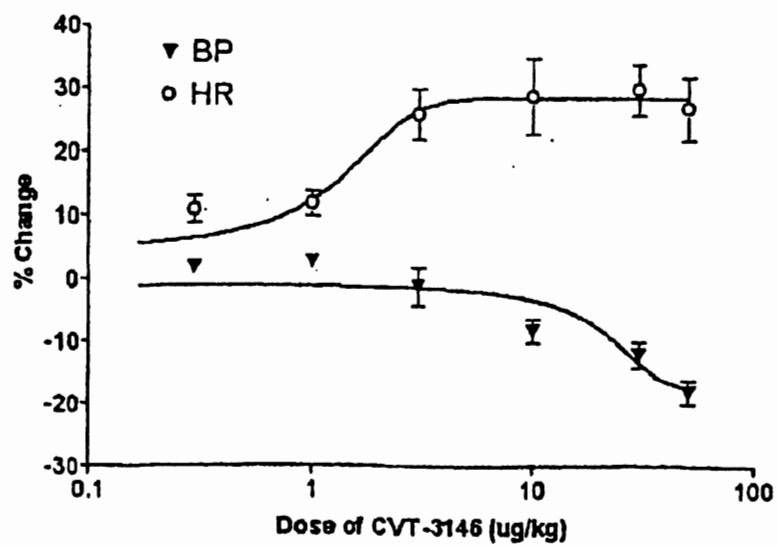


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Figure 15



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**Figure 16****Figure 17**

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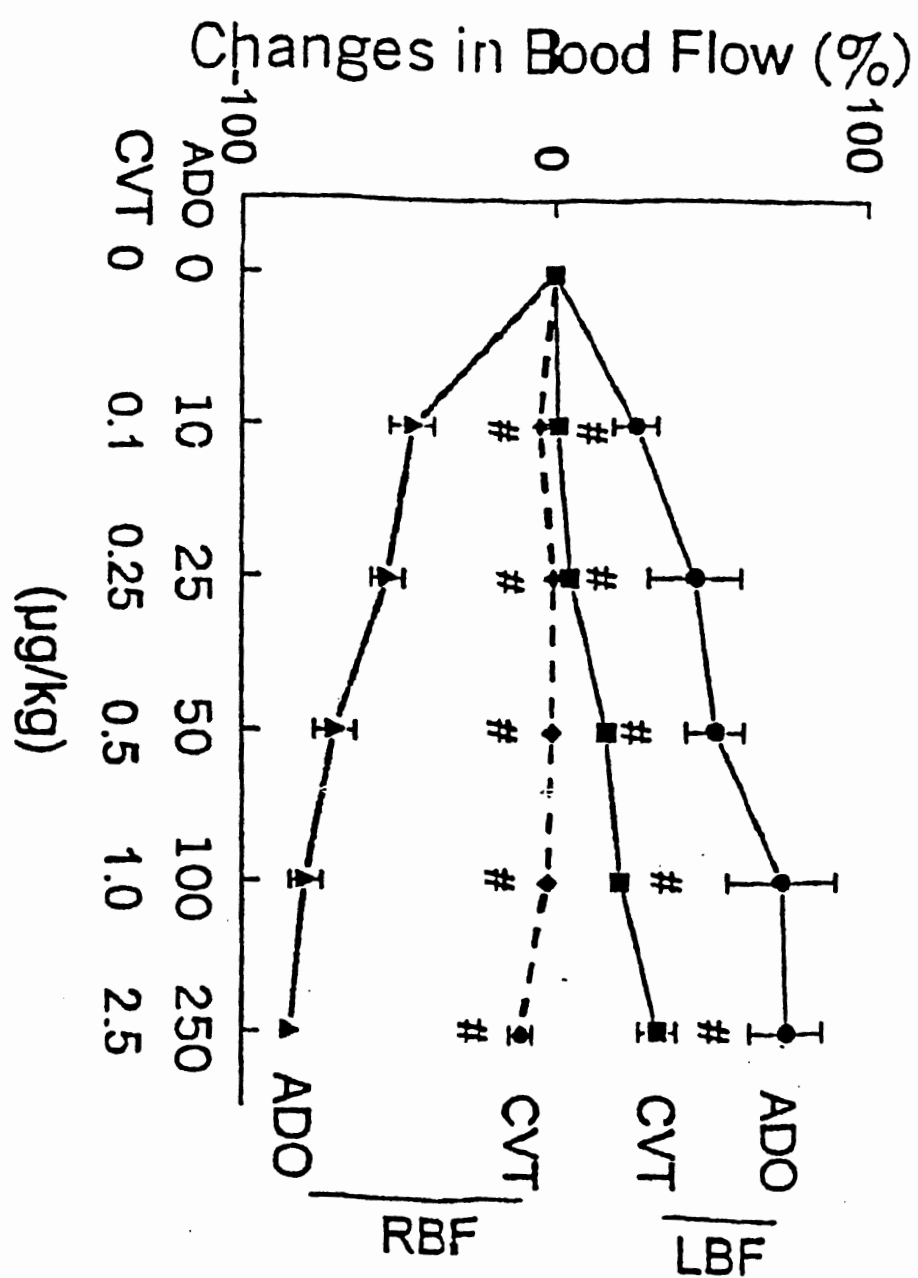


Figure 18