

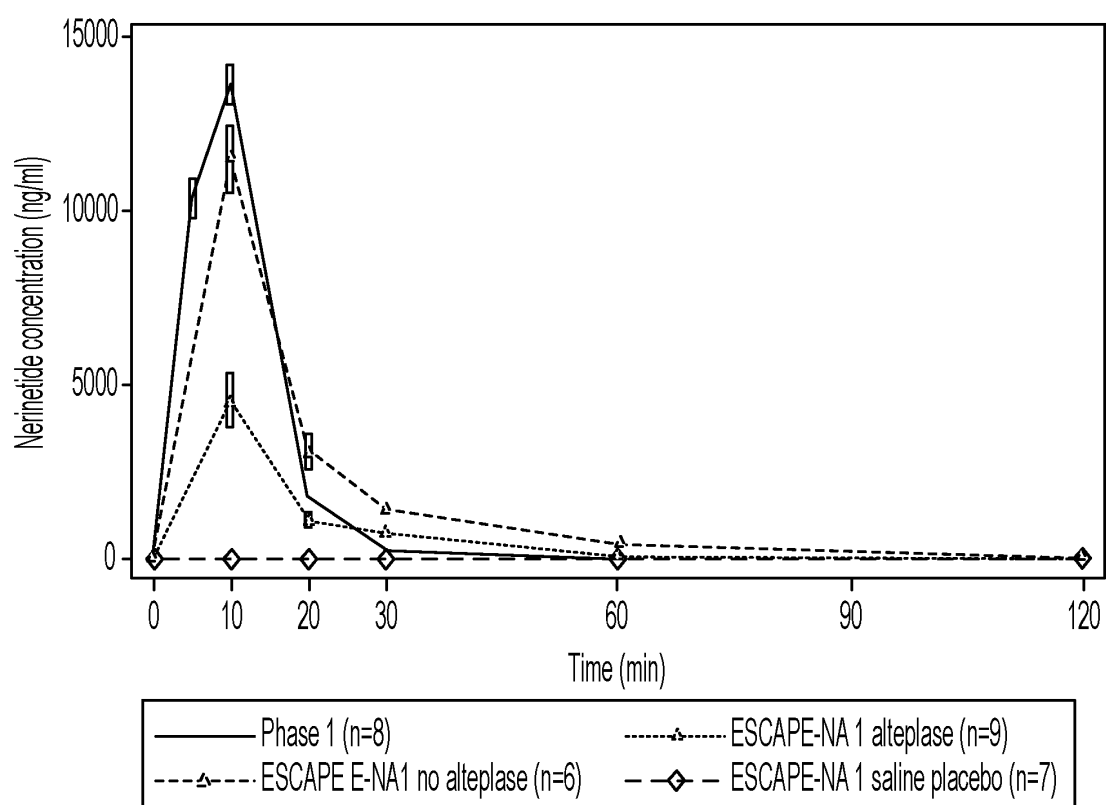


FIG. 1

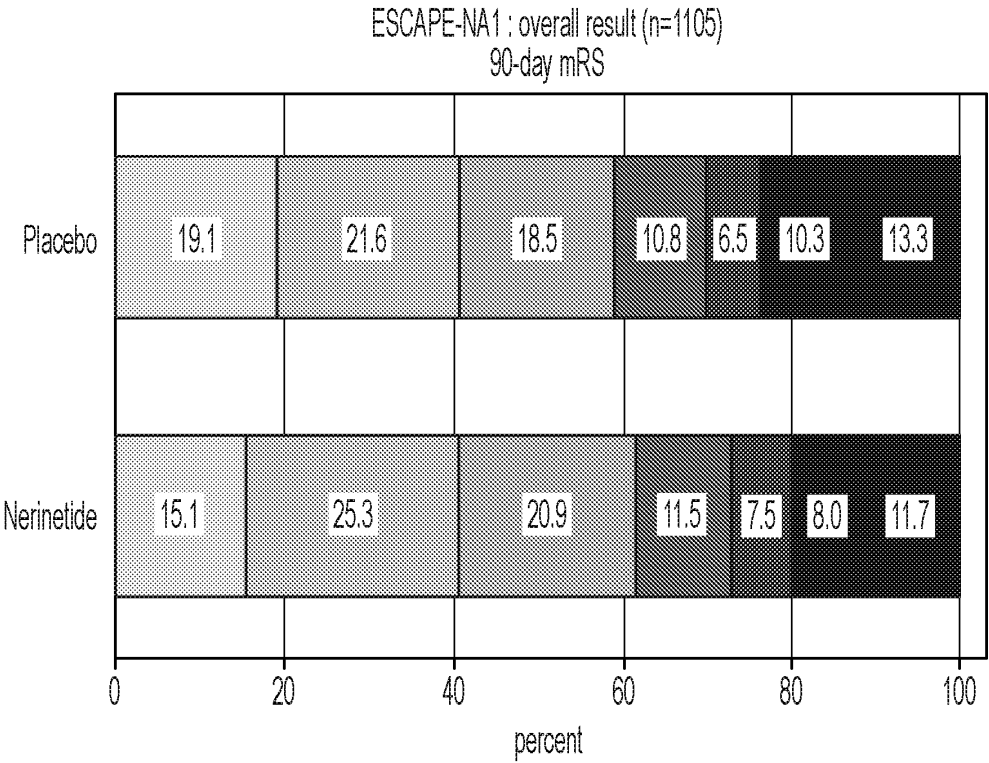
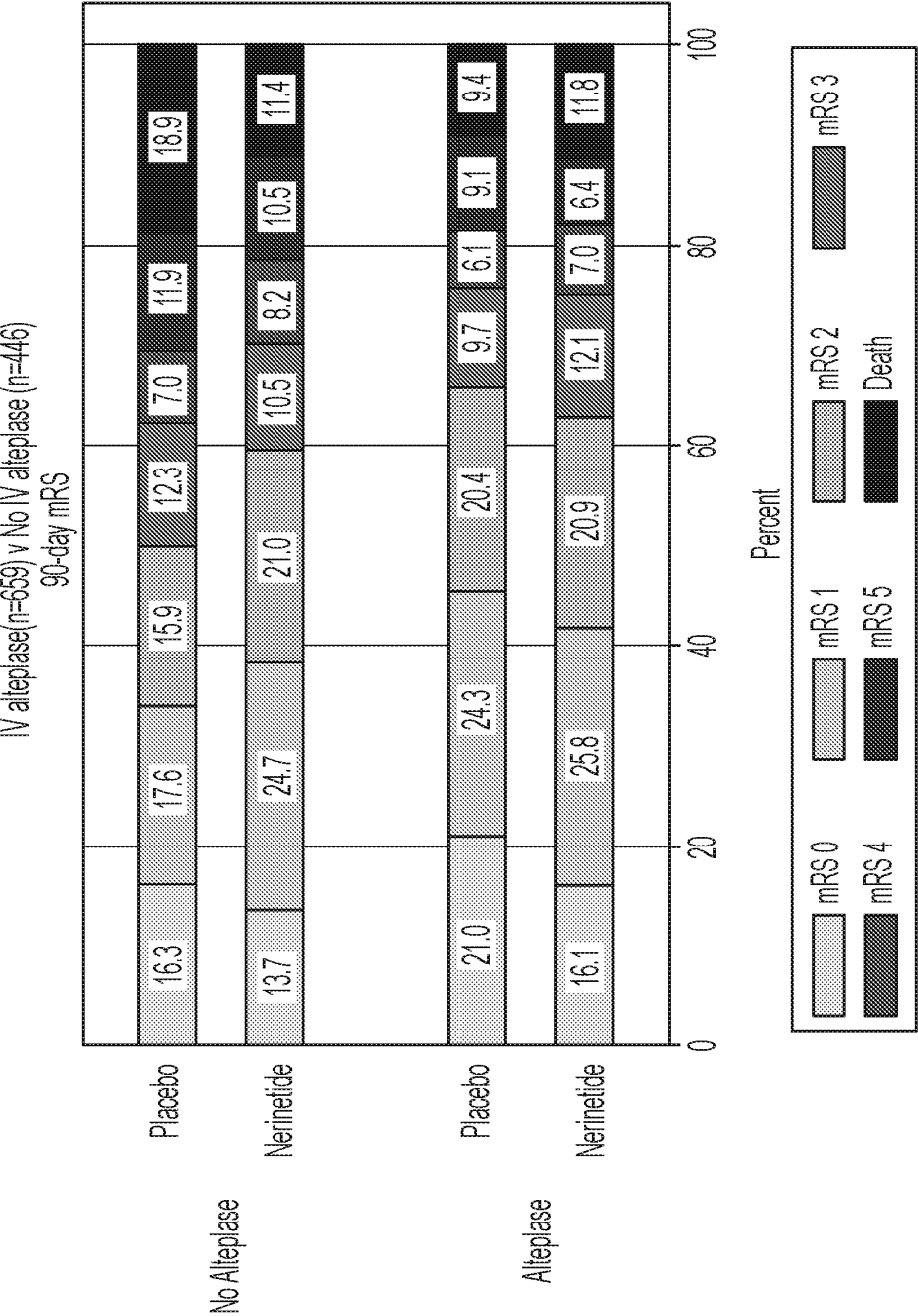


FIG. 2A



P(interaction) = 0.0330, on binary outcome mRS 0-2

FIG. 2B

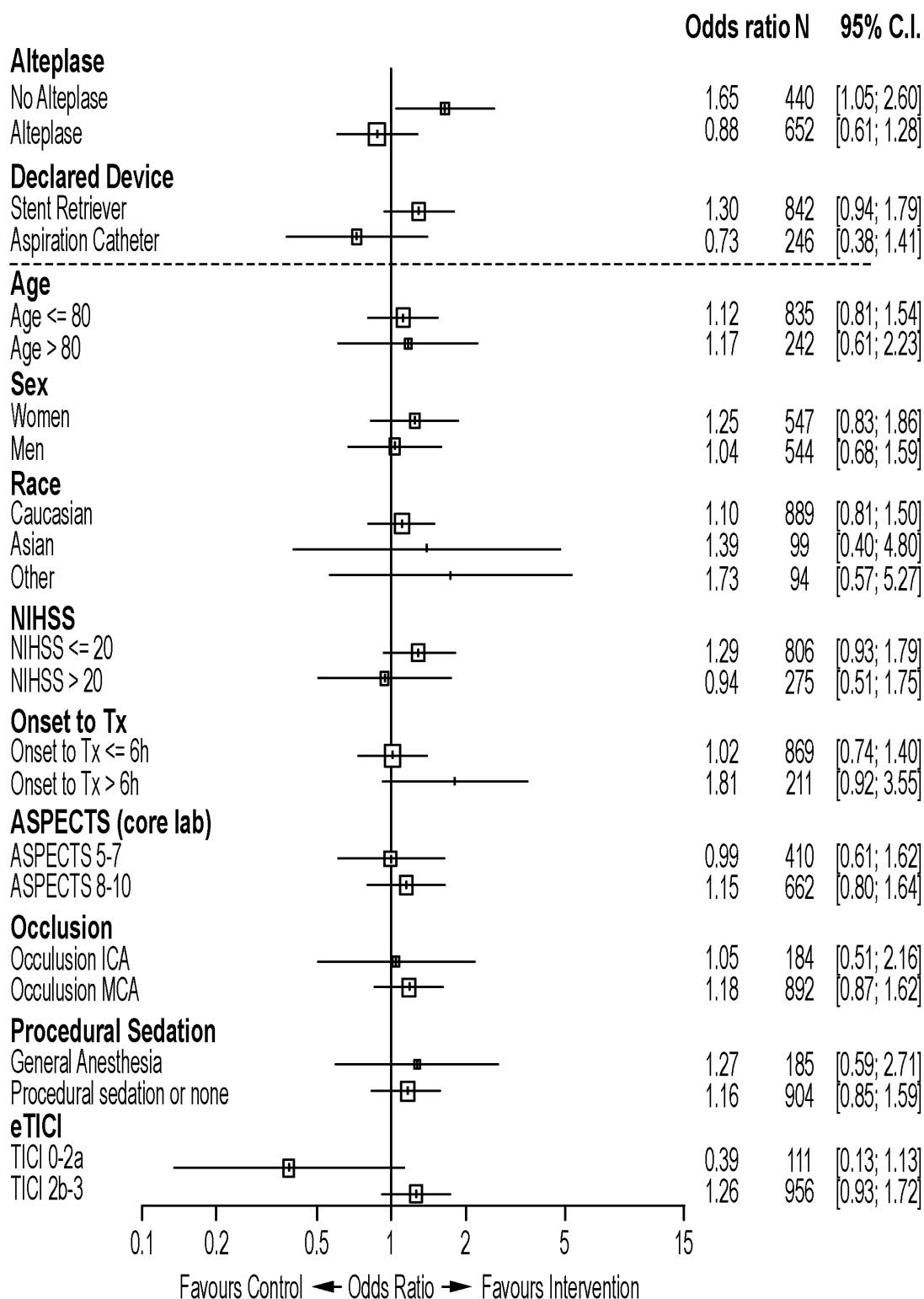


FIG. 3

12Nov2016_NA1_plasmin_dig

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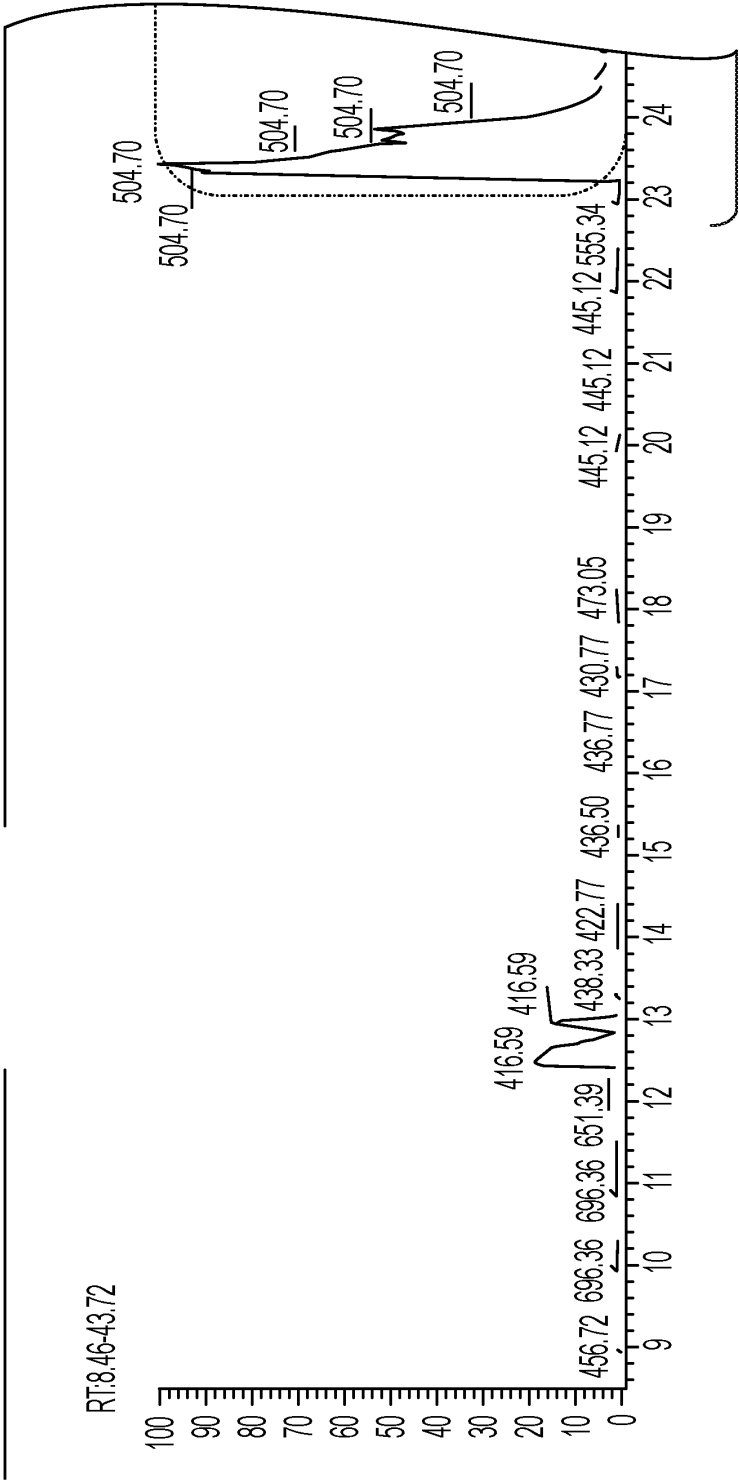


FIG. 4A
CONTINUED

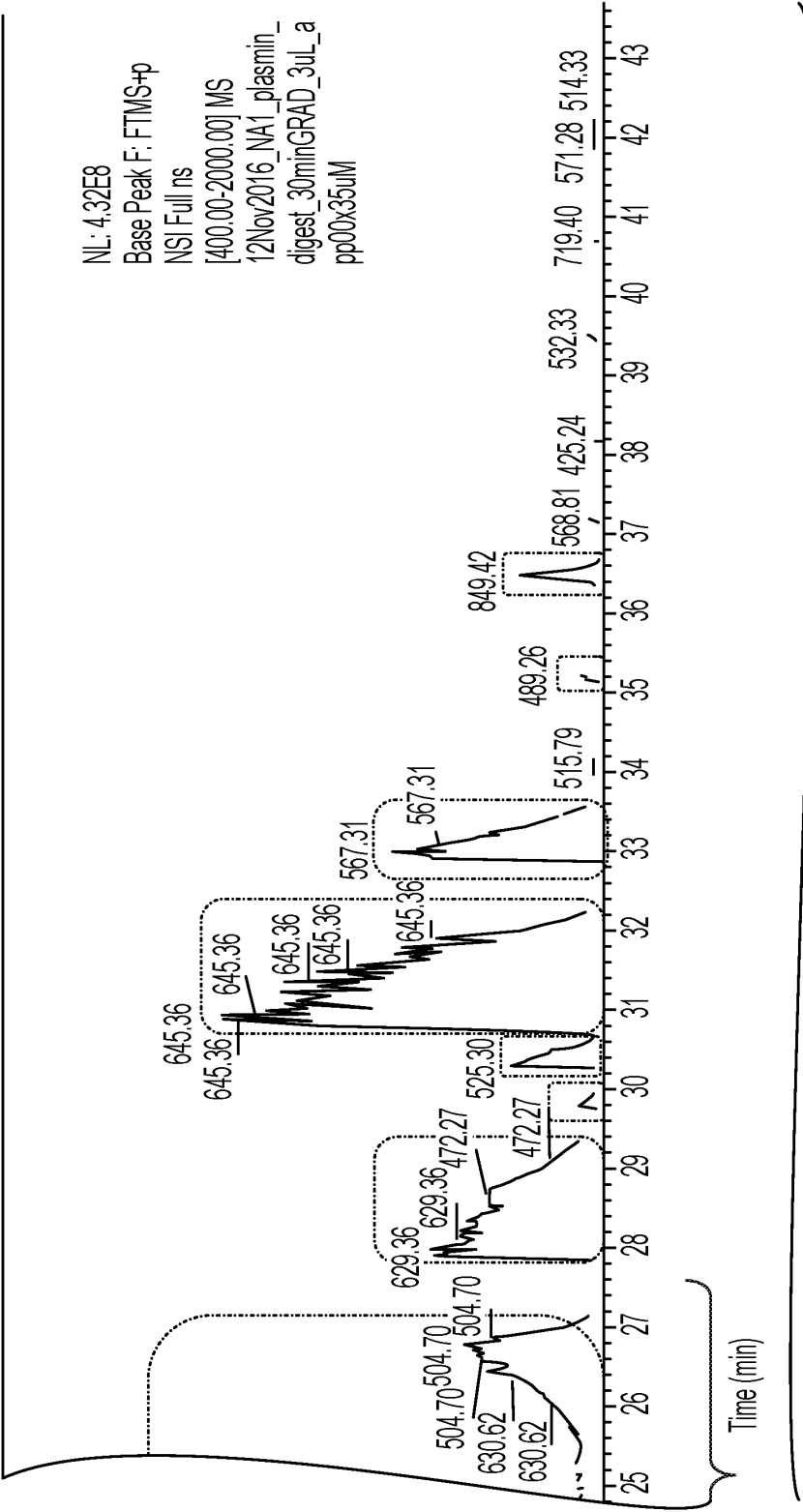


FIG. 4A
CONTINUED

- YGRKKRRQRRRLSSIESDV (Full-length NA-1, undigested)
- RRQRRRLSSIESDV
- RQRRRLSSIESDV
- QRRRLSSIESDV
- RRLSSIESDV
- RKLSSIESDV
- KLSSIESDV
- LSSIESDV

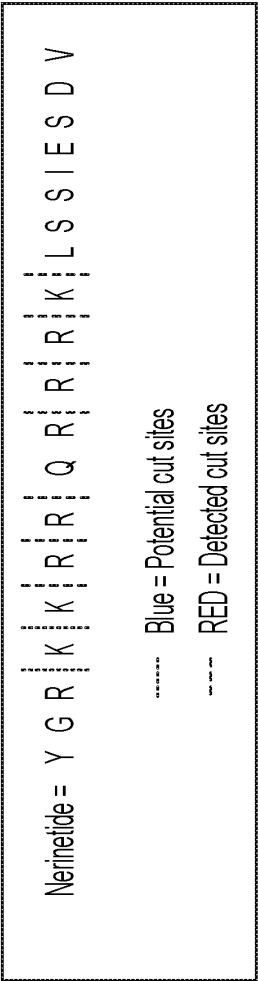


FIG. 4A
CONTINUED

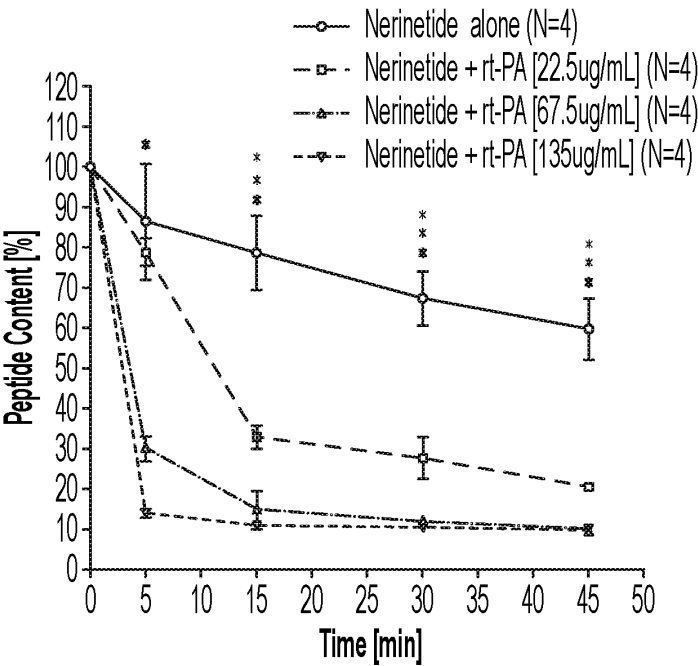


FIG. 4B

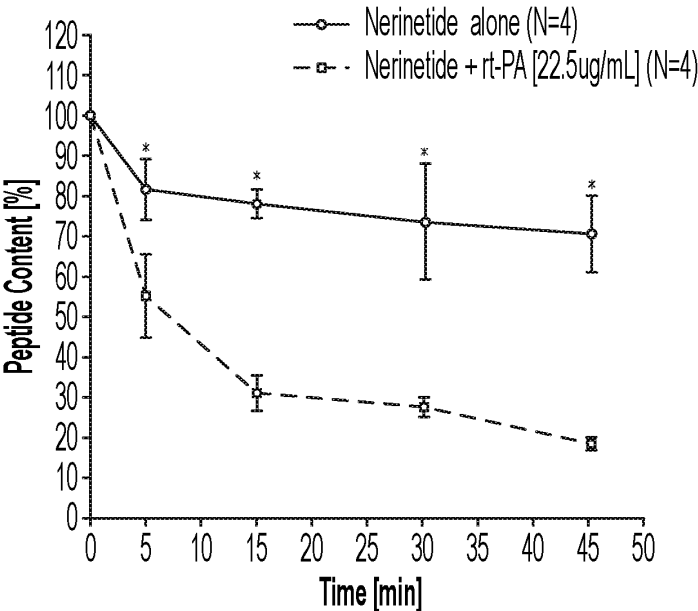


FIG. 4C

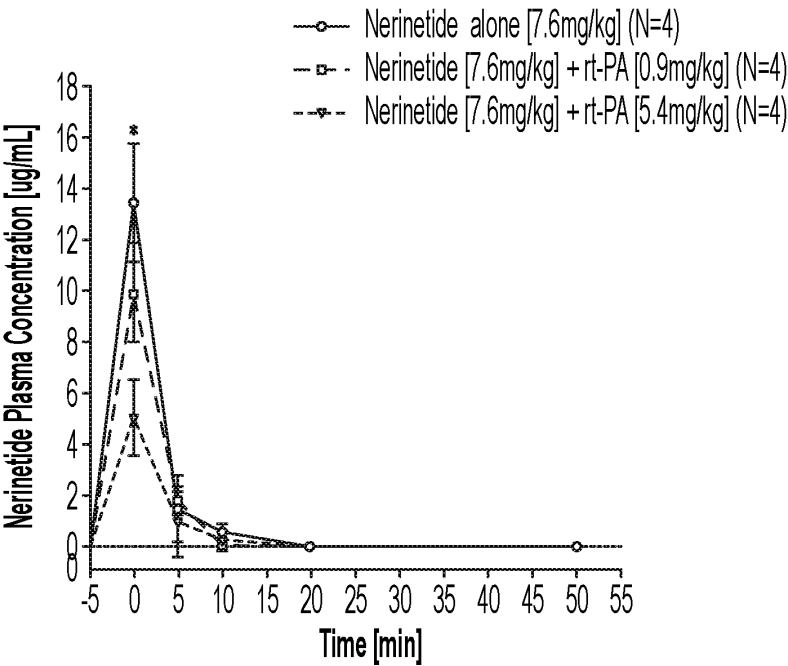


FIG. 4D

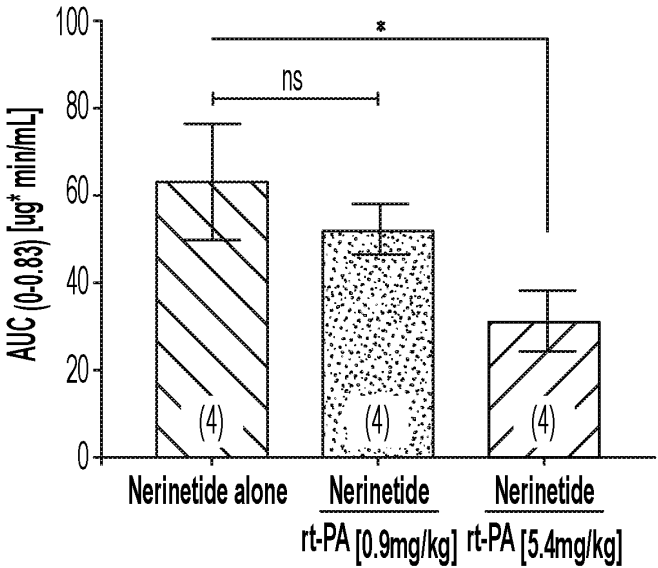


FIG. 4E

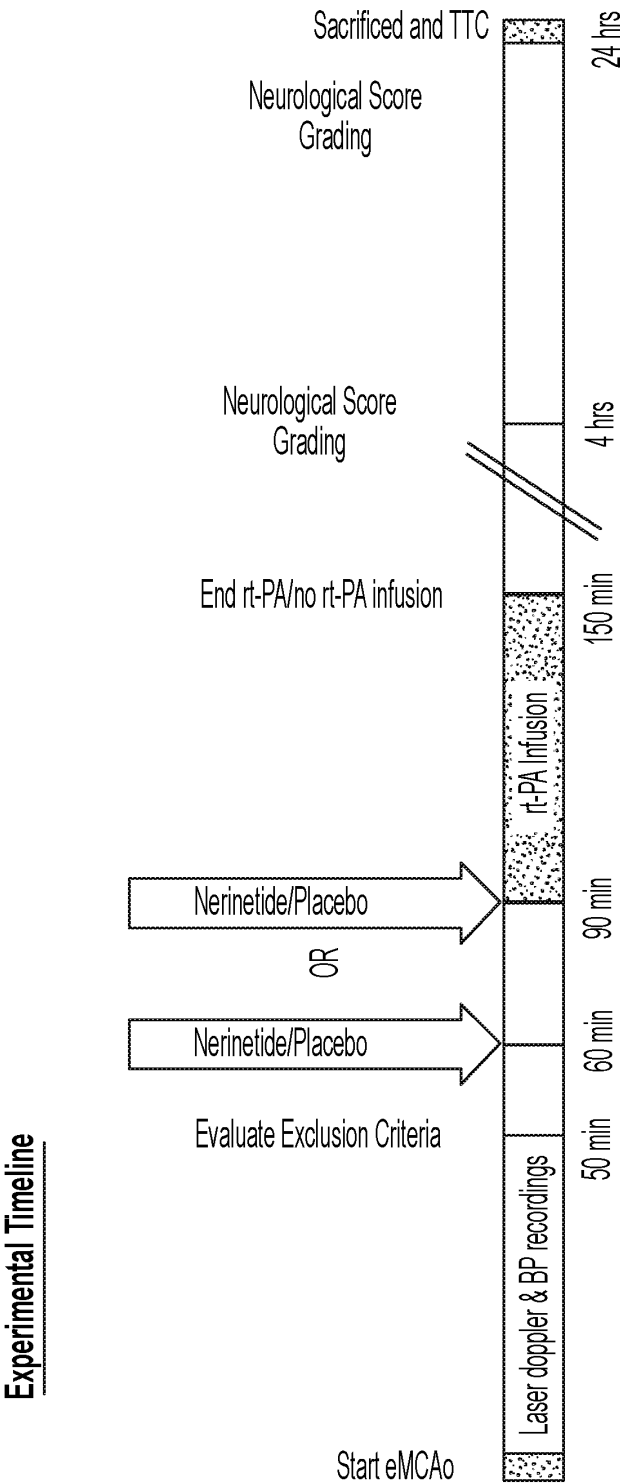


FIG. 5A

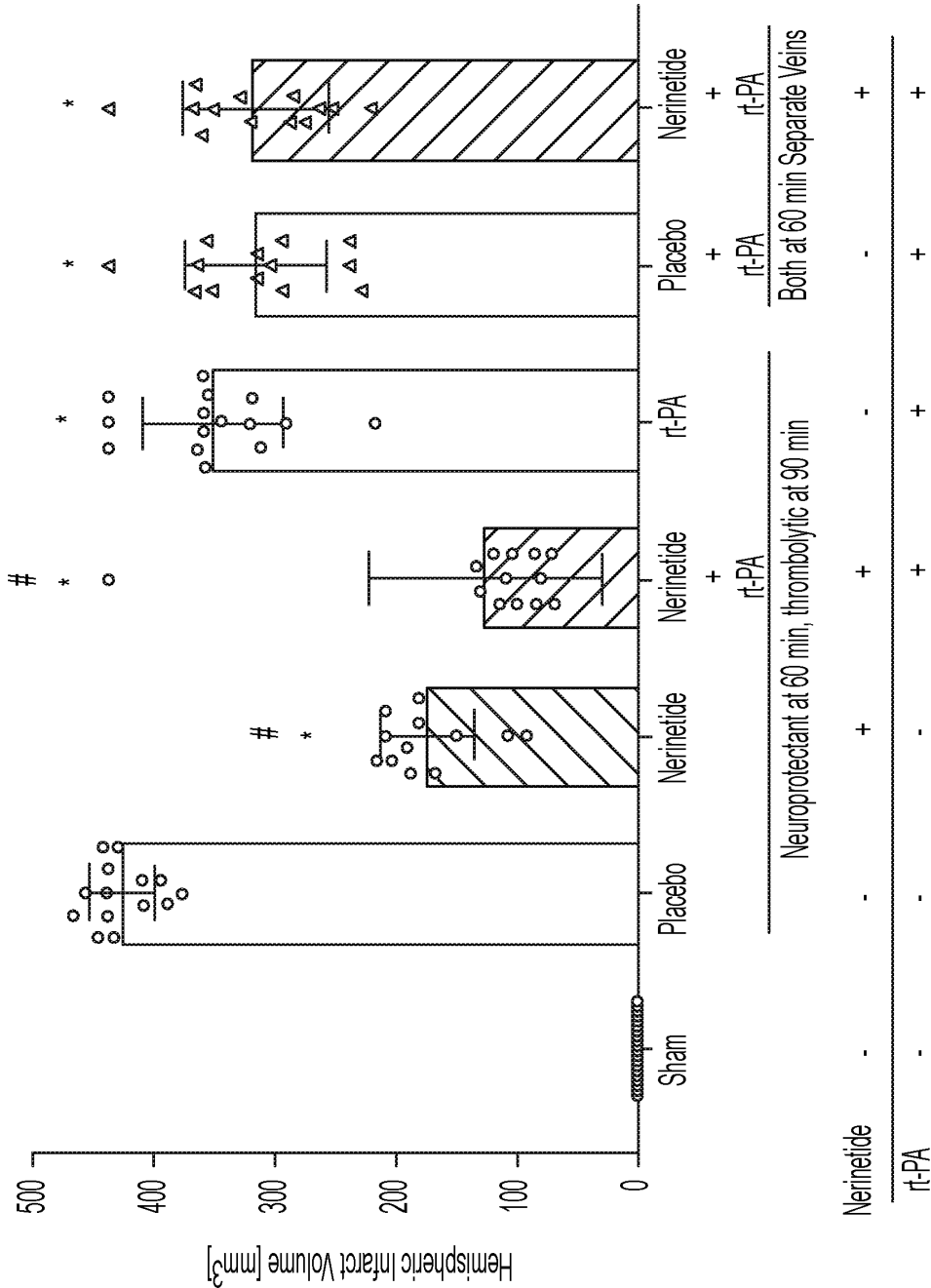


FIG. 5B

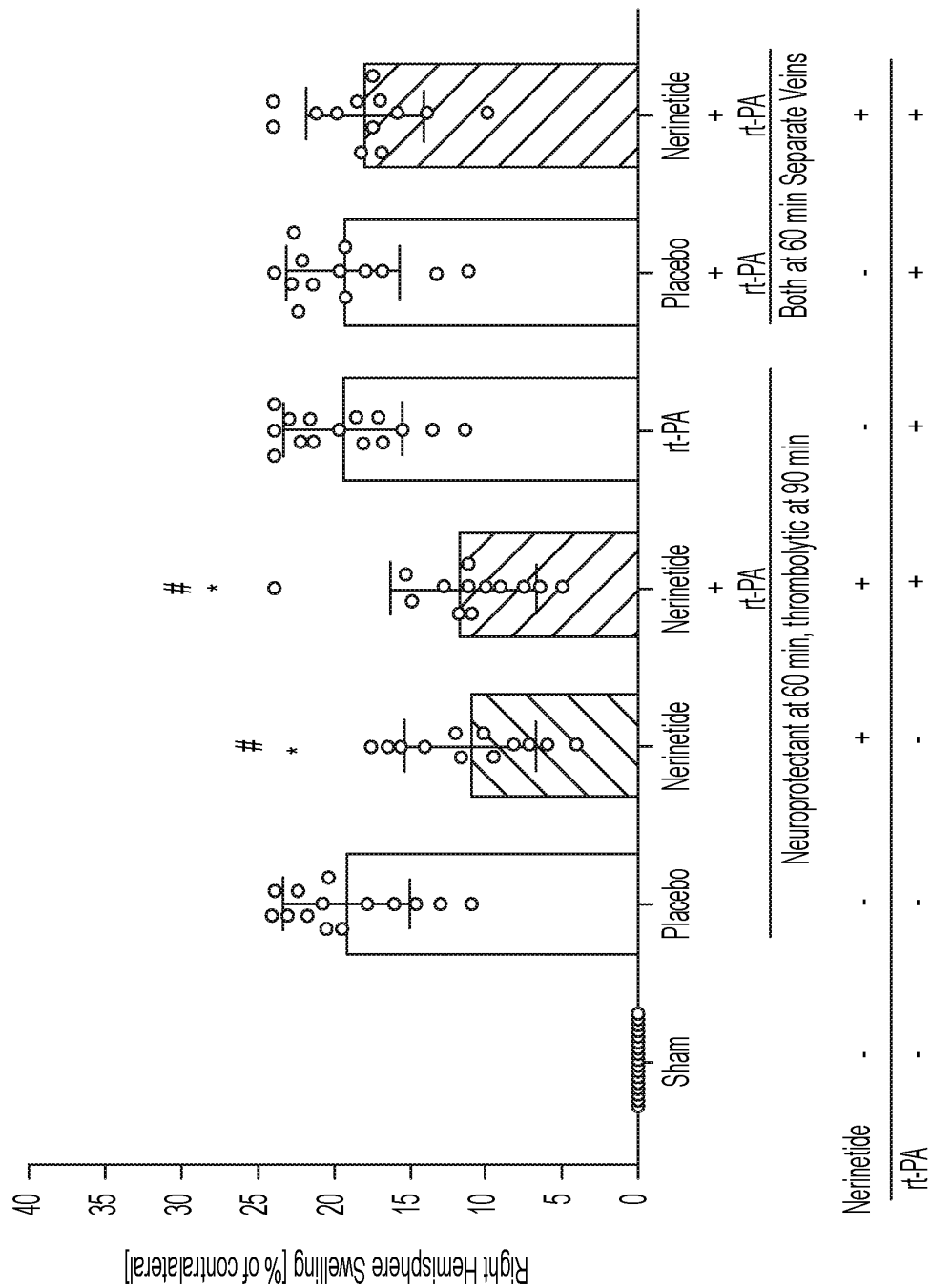
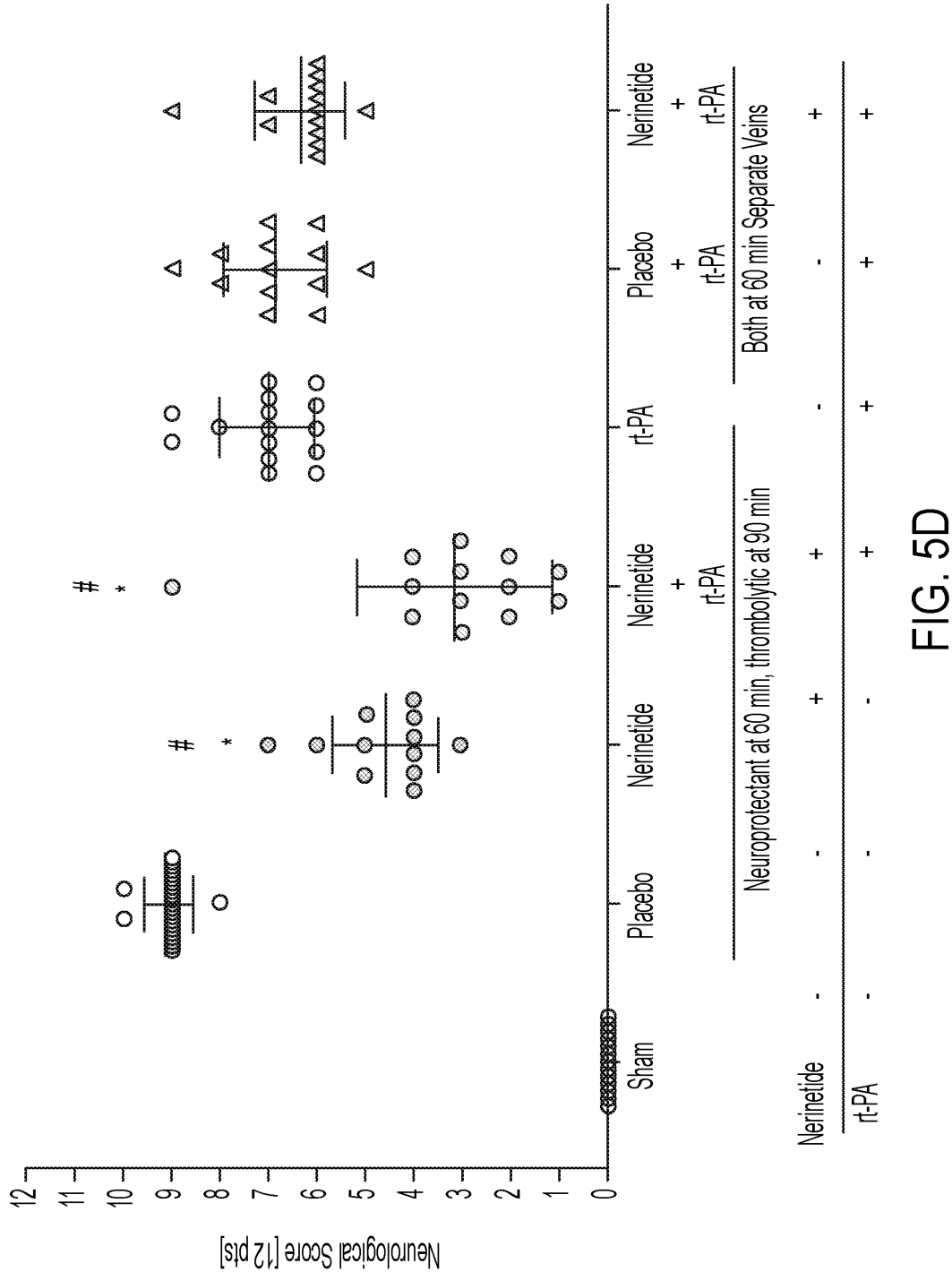


FIG. 5C



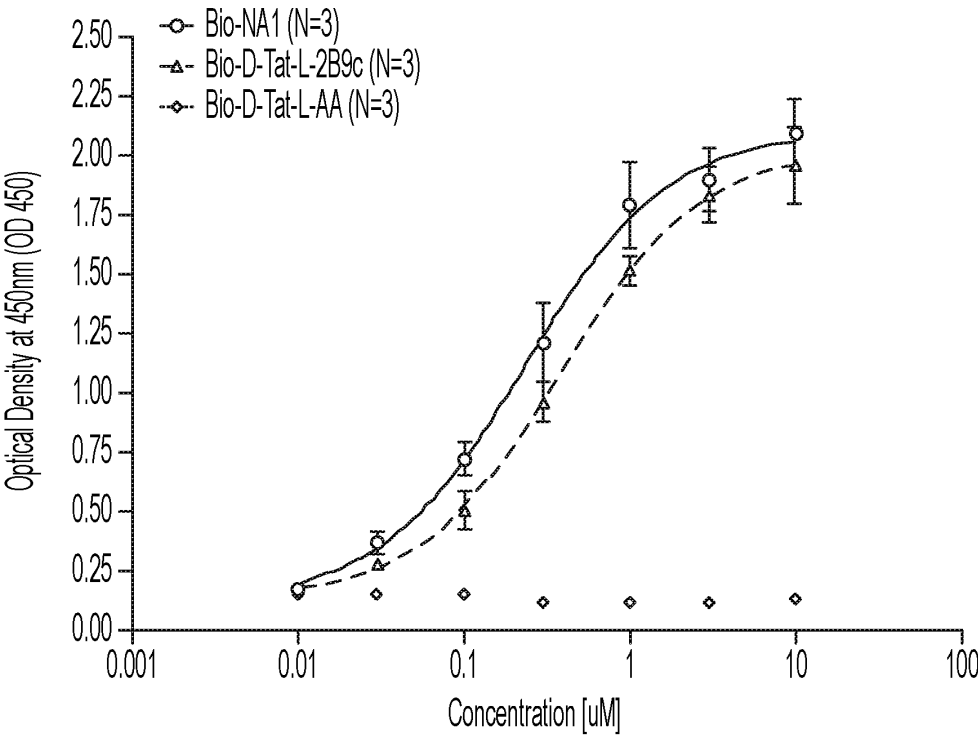


FIG. 6A

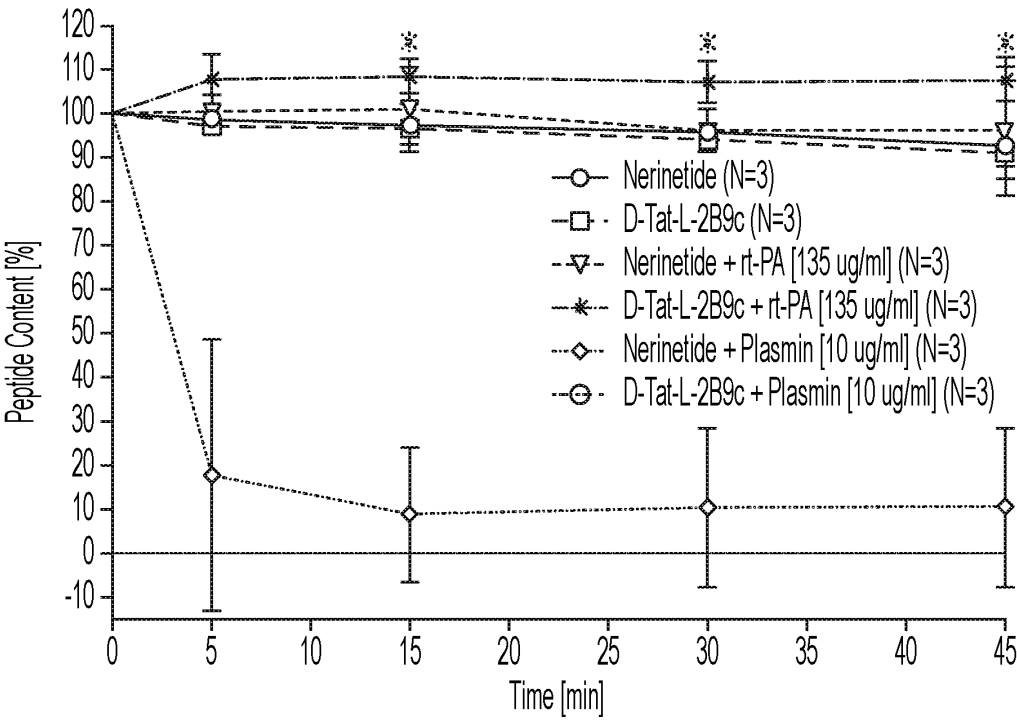


FIG. 6B

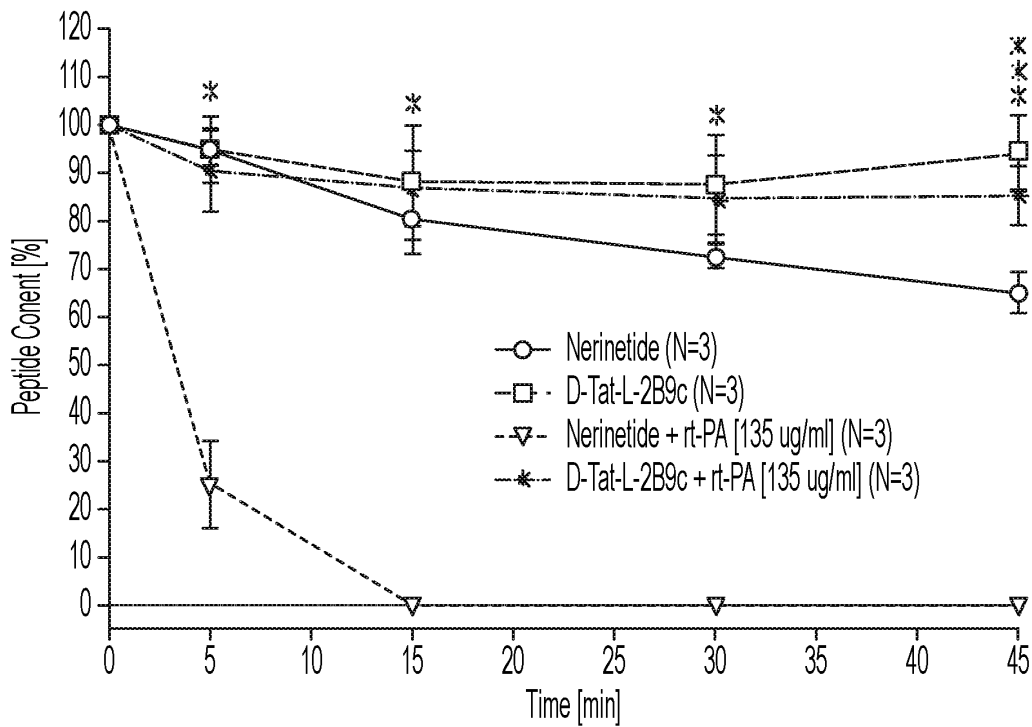


FIG. 6C

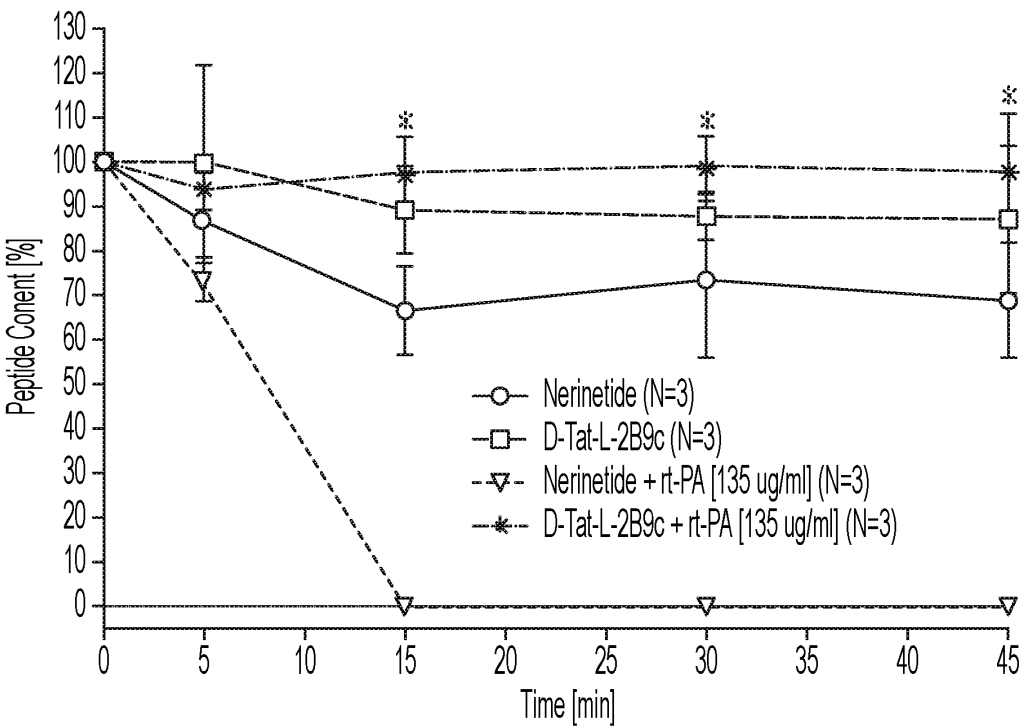


FIG. 6D

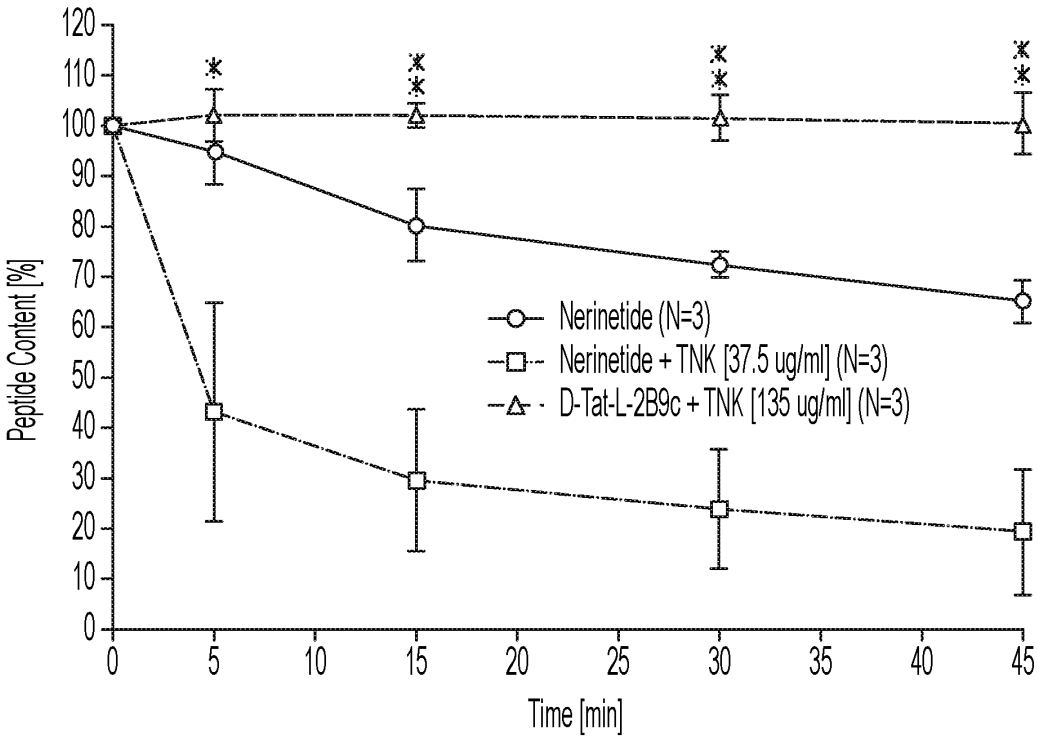


FIG. 6E

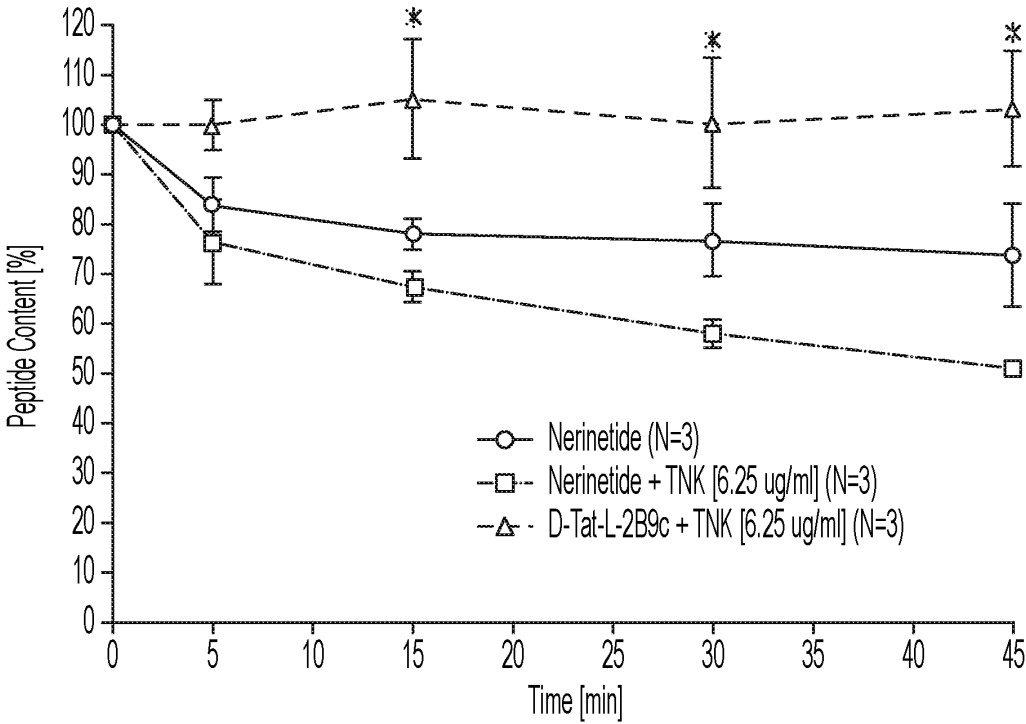


FIG. 6F

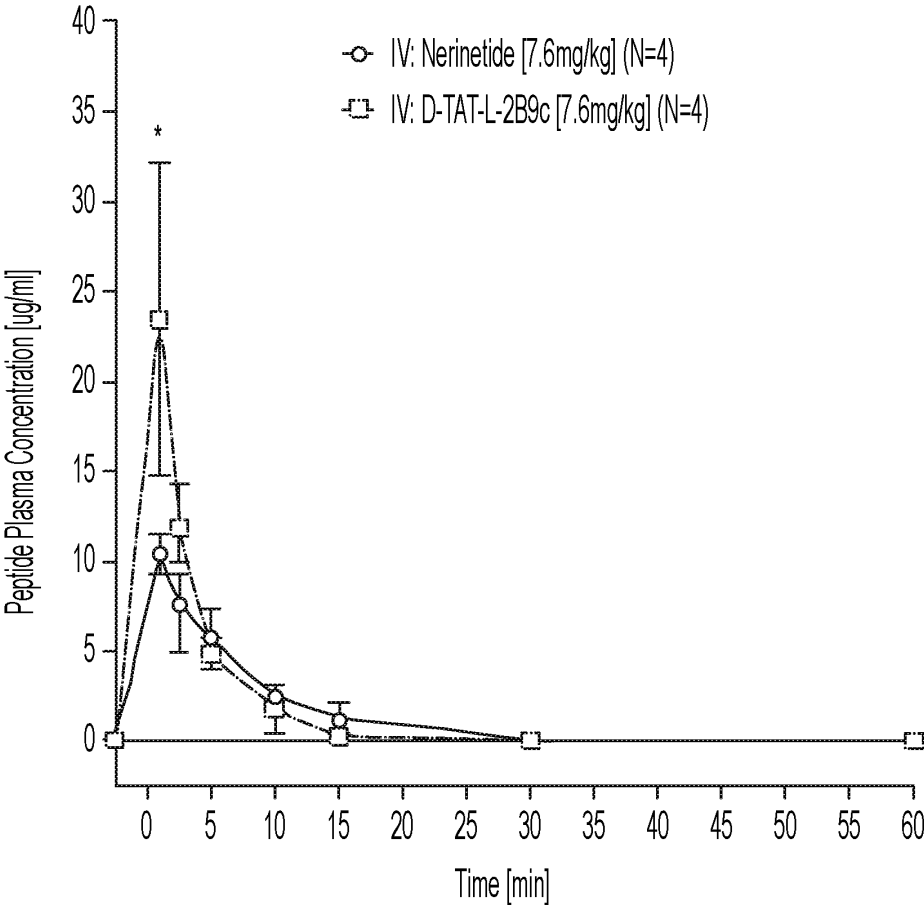


FIG. 7A

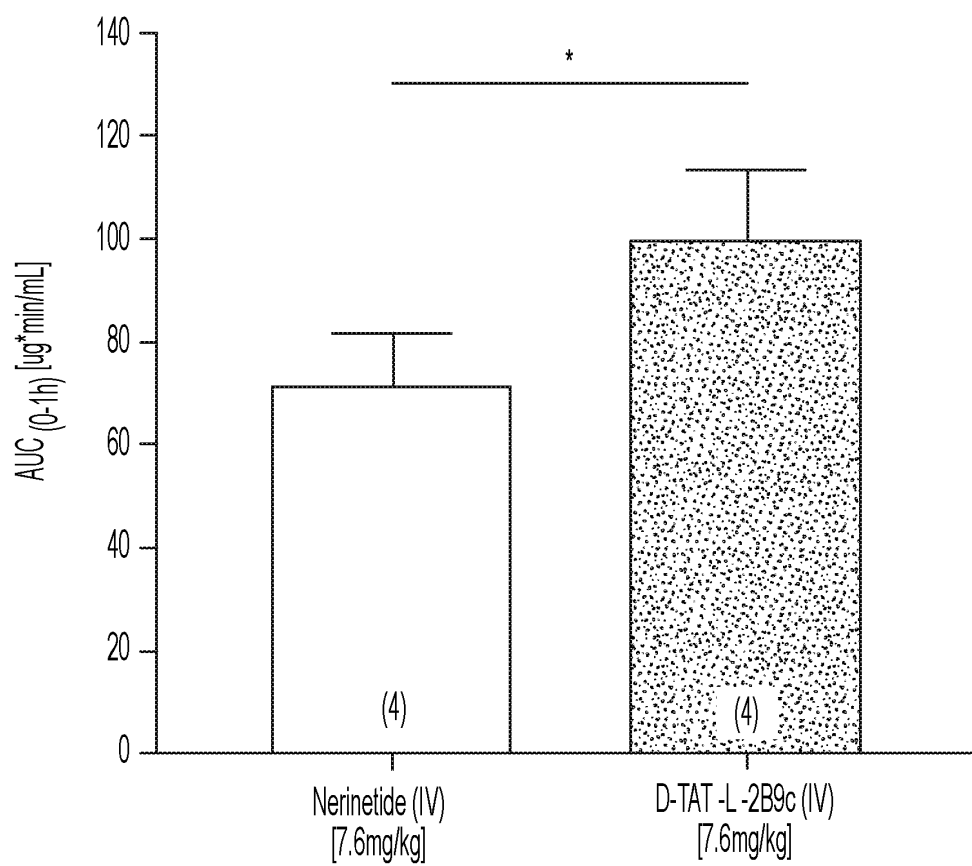


FIG. 7B

Pharmacokinetic Parameter	Nerinetide IV (7.6mg/kg)	D-TAT-L-2B9c IV (7.6mg/kg)
C _{max} (ug/mL)	10.40	23.47
T _{max} (min)	1	1
T _{1/2} (min)	4.59	3.12
AUC _(0-last) (ug/mL*min)	70.99	99.45
AUC _(0-inf) (ug/mL*min)	79.17	101.80
Cl (mL/min/kg)	0.10	0.07

FIG. 7C

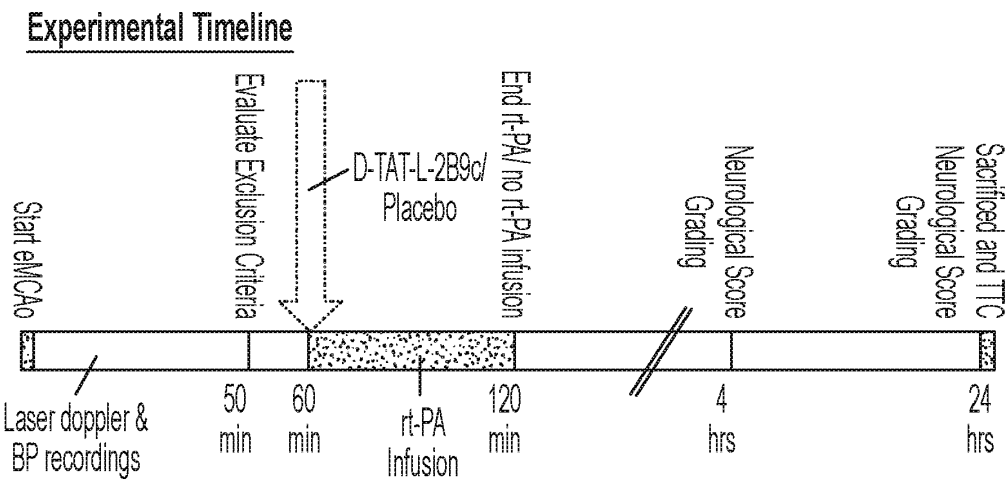


FIG. 8A

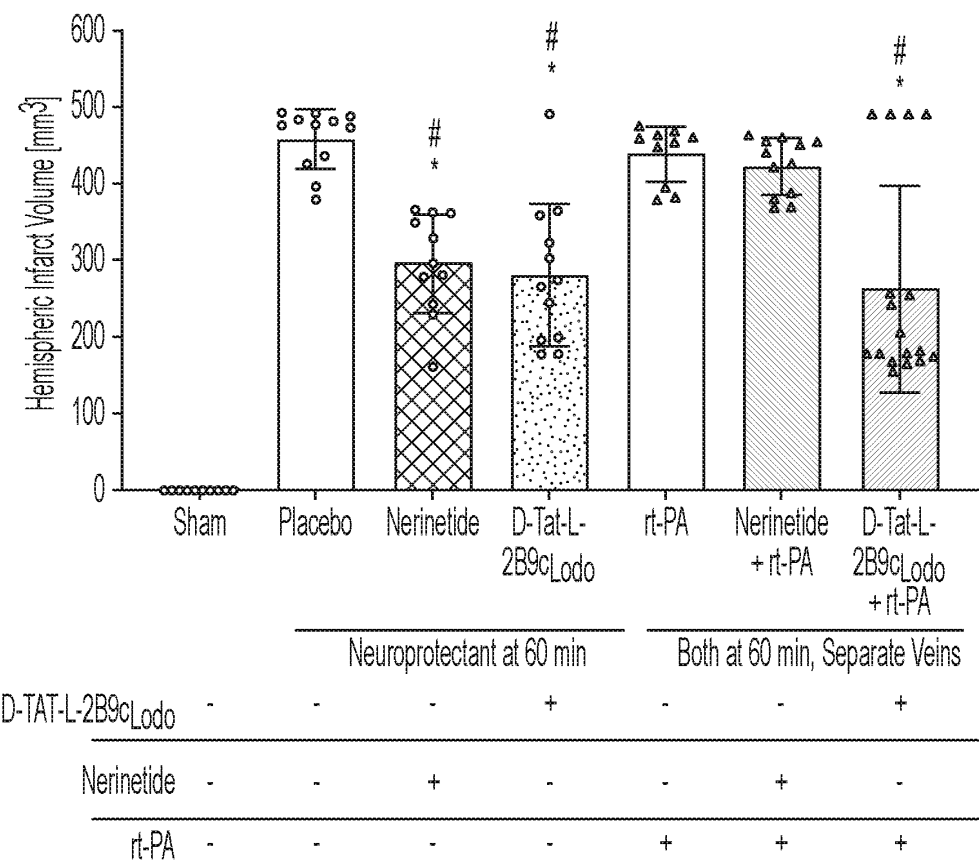


FIG. 8B

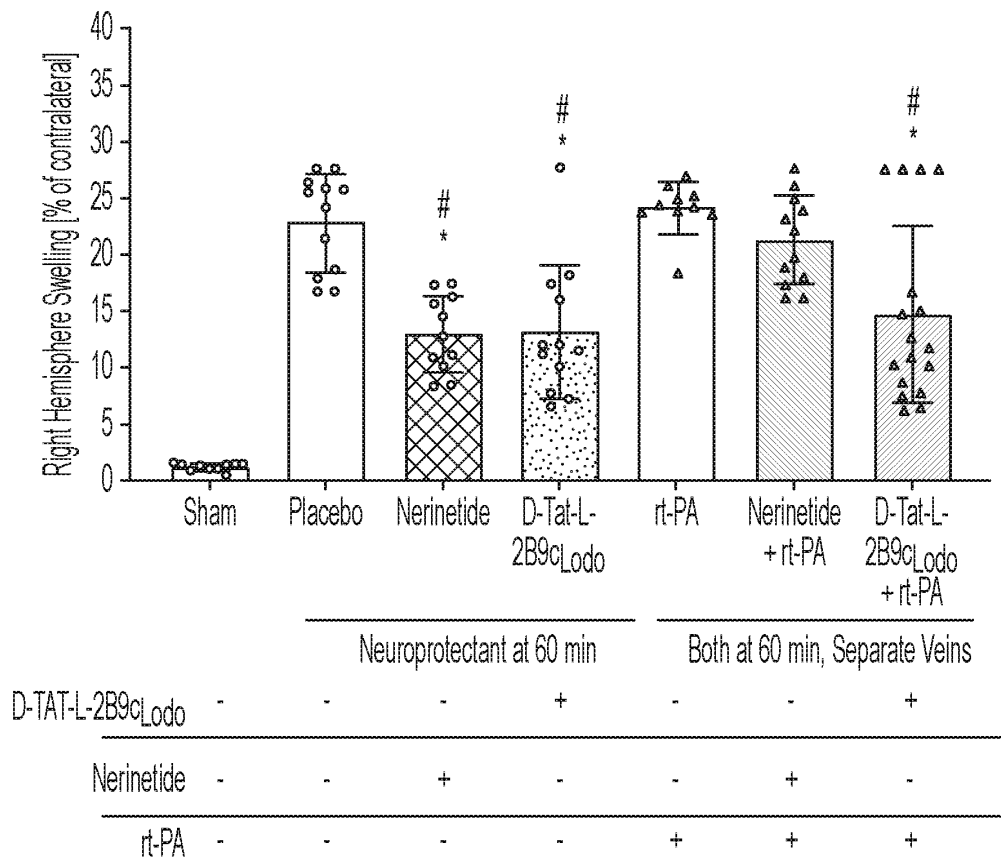


FIG. 8C

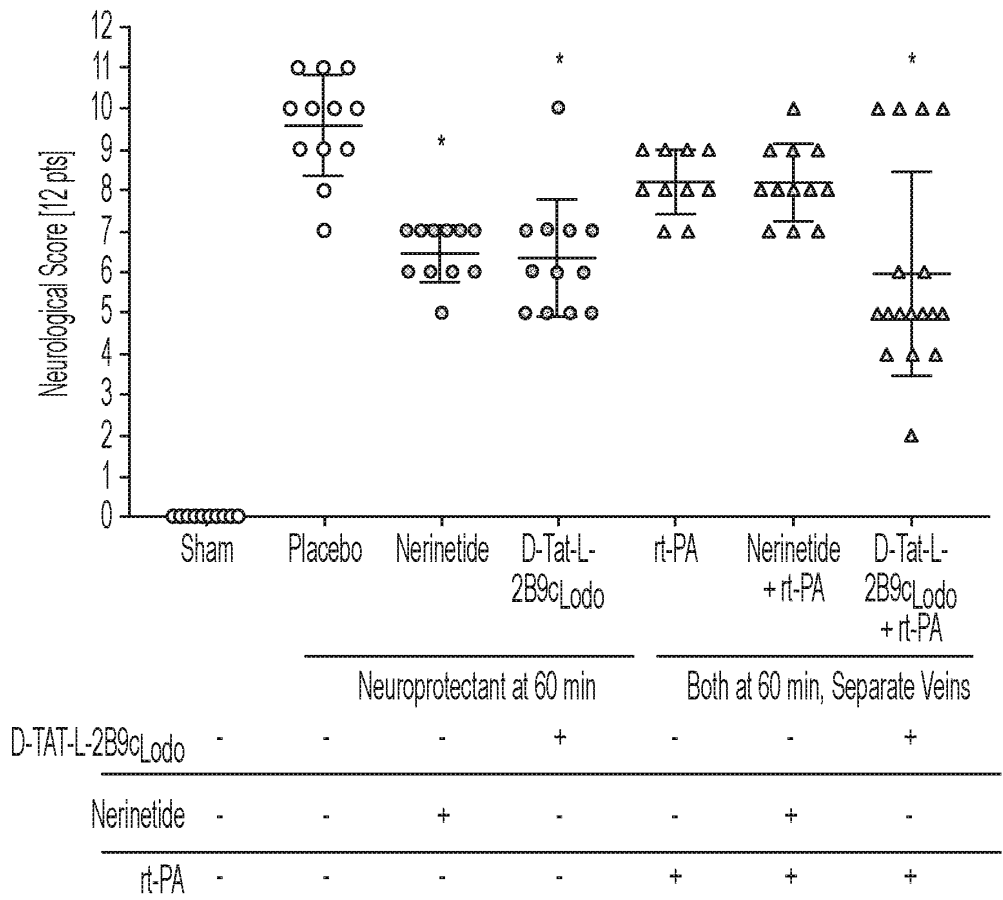


FIG. 8D

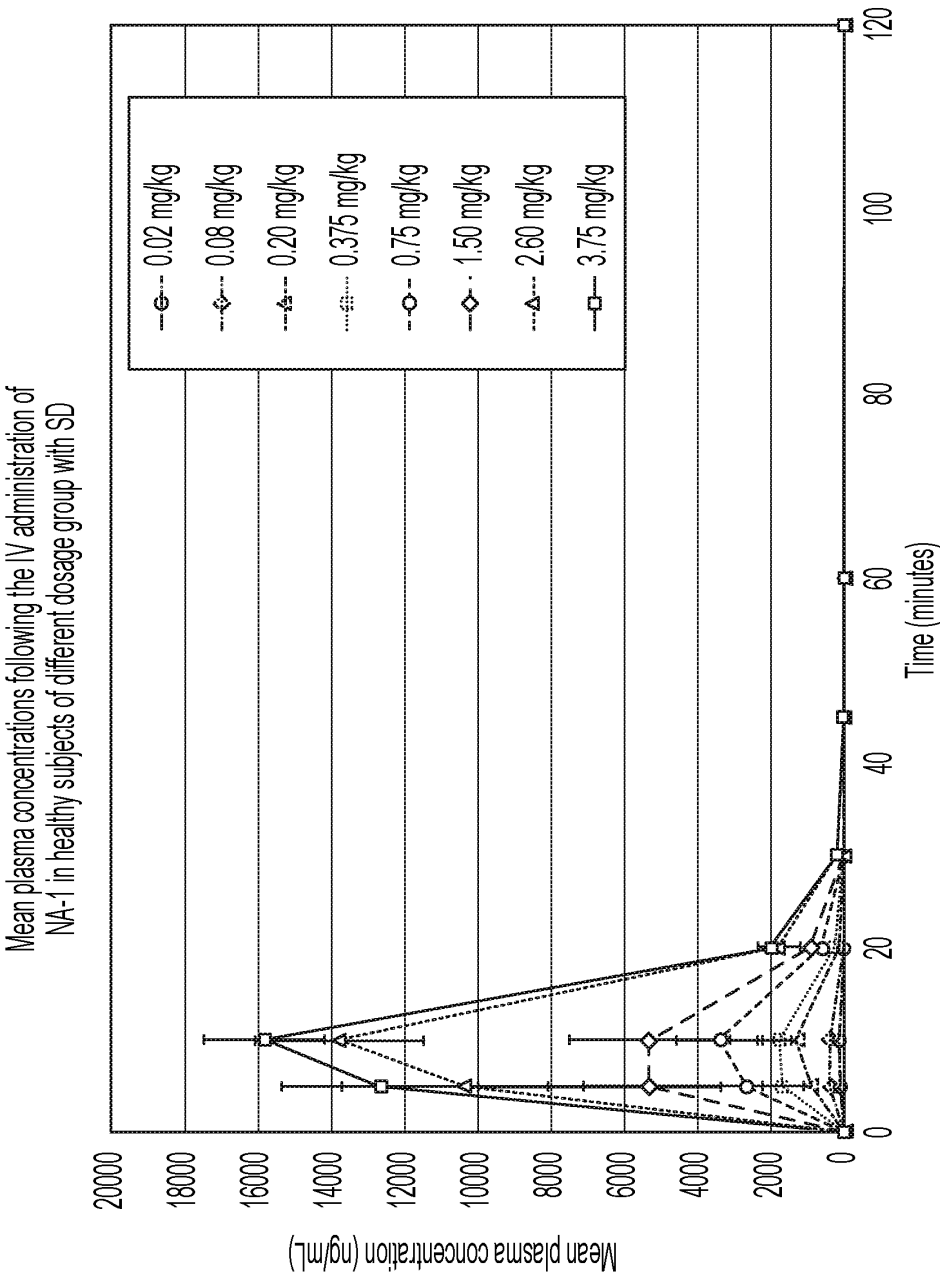


FIG. 9

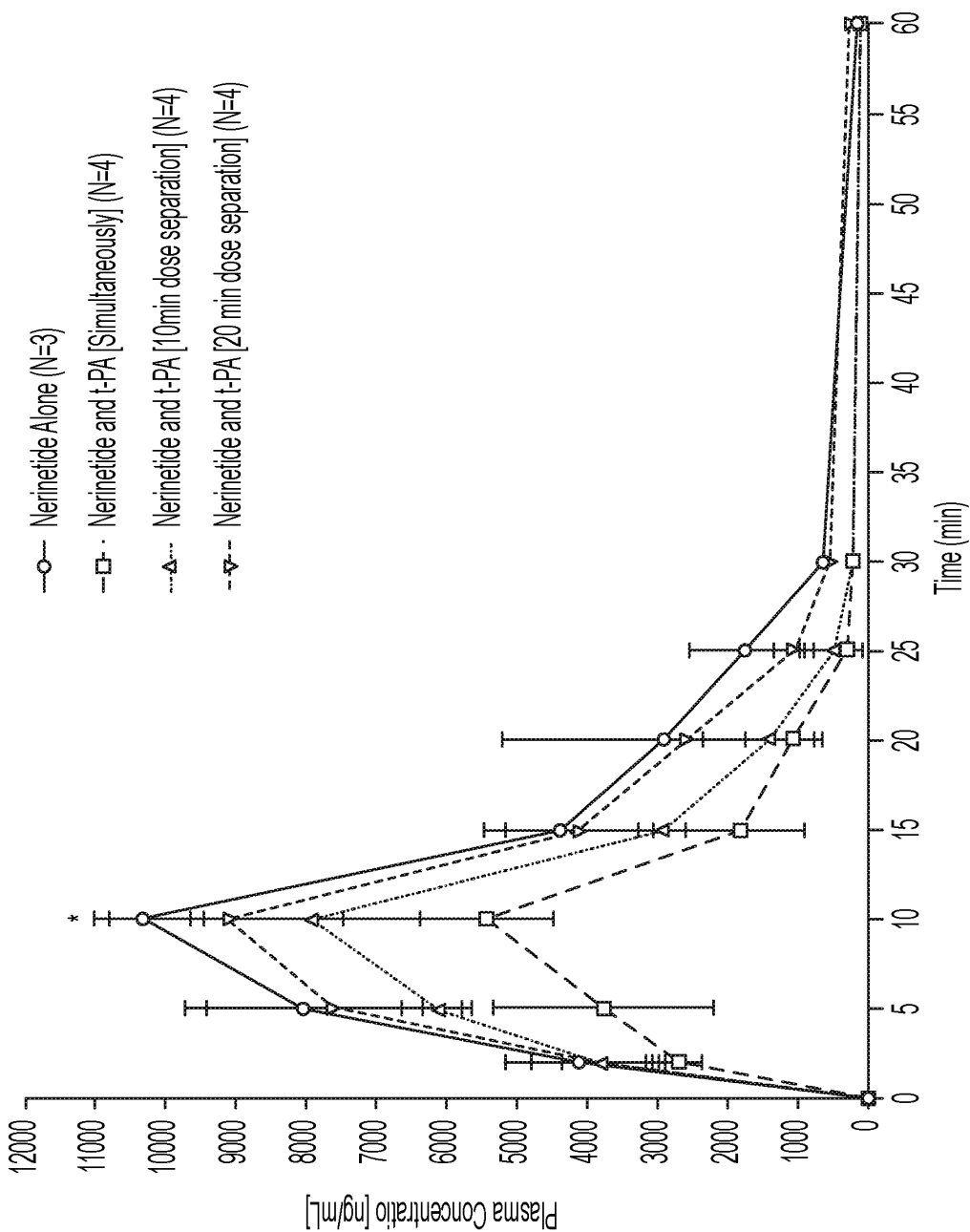


FIG. 10A

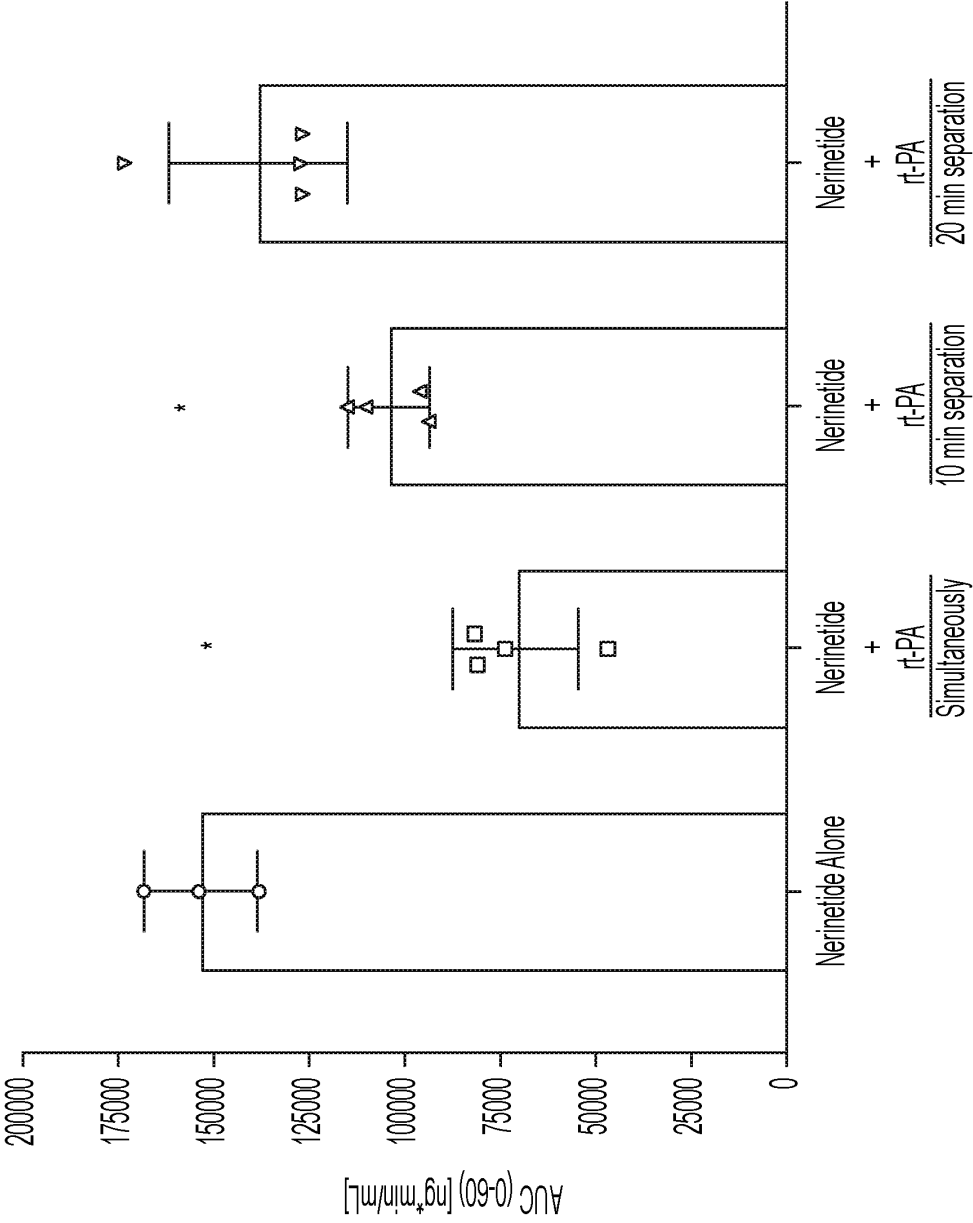


FIG. 10B

Pharmacokinetic Parameters	Nerinetide Alone (N=3)	Nerinetide + t-PA Simultaneously (N=4)	Nerinetide + t-PA 10 min separation (N=4)	Nerinetide + t-PA 20 min separation (N=4)
C _{max} (ng/ml)	10322.40 ± 683.80	5435.31* ± 940.37	7937.64 ± 1525.22	9136.43 ± 1688.68
t _{max} (min)	10.00 ± 0.00	10.00 ± 0.00	10.00 ± 0.00	10.00 ± 0.00
t _{1/2} (min)	8.31 ± 1.32	8.53 ± 0.97	8.23 ± 0.79	9.64 ± 1.23
AUC _(0-last) (ng/ml*min)	153668.29 ± 14916.92	70851.02* ± 16405.92	104017.47* ± 10718.72	138456.95 ± 23230.63
AUC _(0-inf) (ng/ml*min)	157124.94 ± 13524.57	74570.52* ± 17525.28	105919.76* ± 11426.33	144095.06 ± 22739.56
Cl _(ml/min/kg)	0.000016 ± 0.000002	0.000037 ± 0.000011	0.000025* ± 0.000003	0.000018 ± 0.000003

FIG. 10C

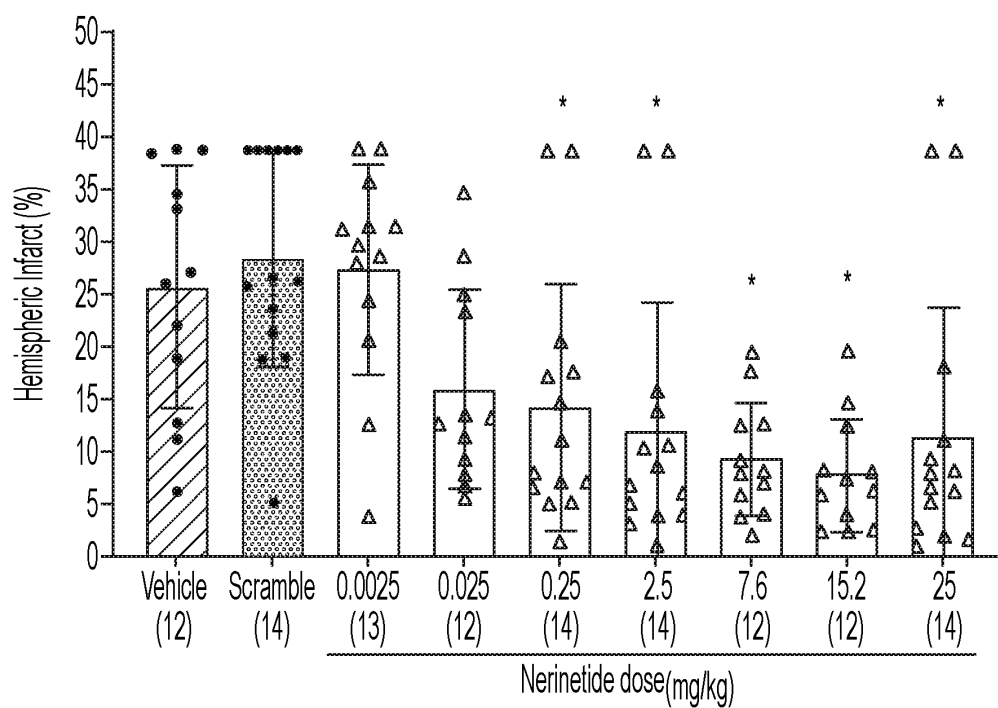


FIG. 11A

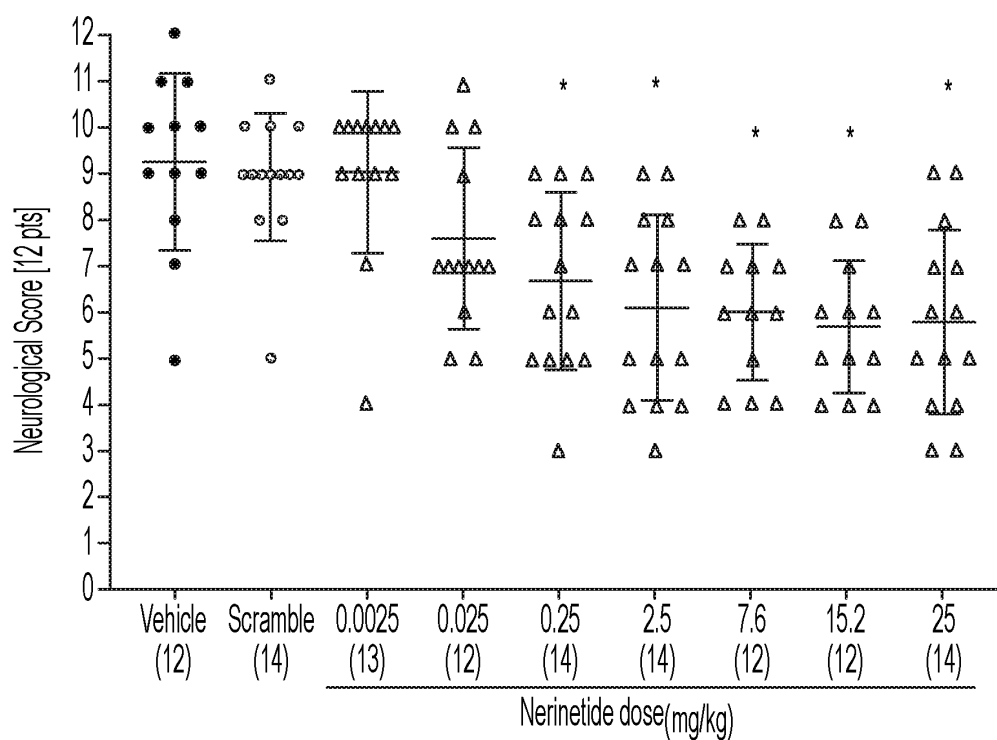


FIG. 11B