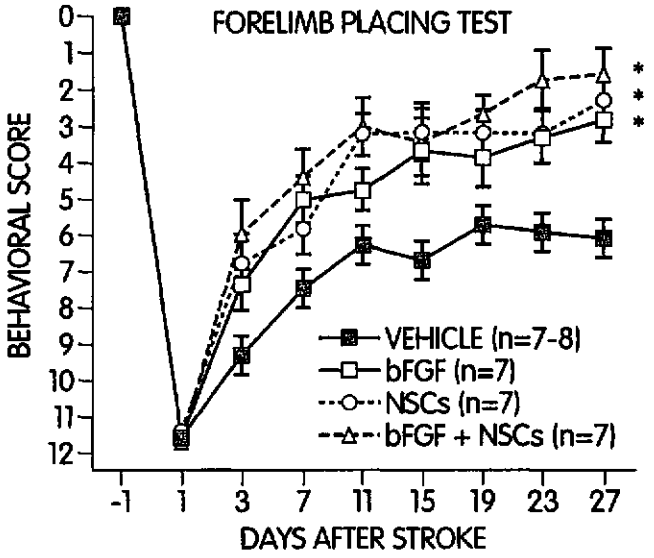

FORELIMB PLACING TEST
BEHAVIORAL SCORE
0
1
2
3
4
5
6
7
8
9
10
11
12
-1
1
3
7
11
15
19
23
27
DAYS AFTER STROKE
VEHICLE (n=7-8)
bFGF (n=7)
NSCs (n=7)
bFGF + NSCs (n=7)
*
*
*

Fig. 1A

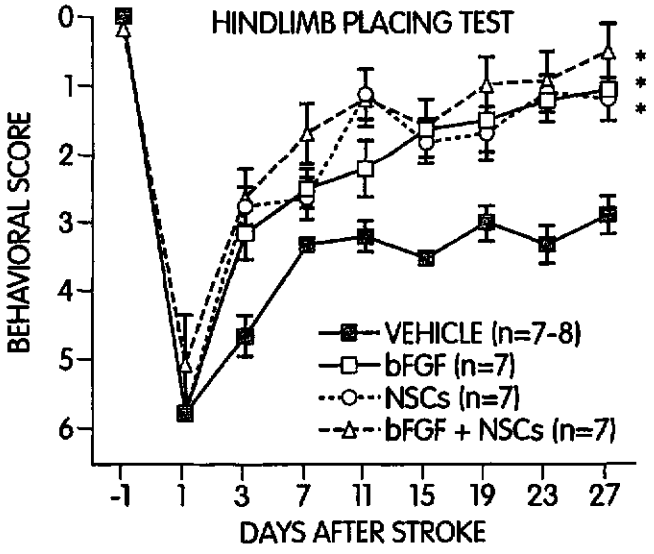

HINDLIMB PLACING TEST
BEHAVIORAL SCORE
0
1
2
3
4
5
6
-1
1
3
7
11
15
19
23
27
DAYS AFTER STROKE
VEHICLE (n=7-8)
bFGF (n=7)
NSCs (n=7)
bFGF + NSCs (n=7)
*
*
*

Fig. 1B

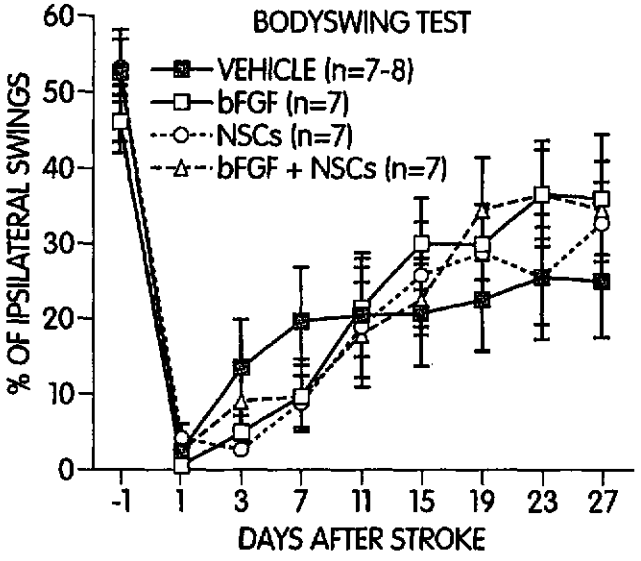

BODYSWING TEST
VEHICLE (n=7-8)
bFGF (n=7)
NSCs (n=7)
bFGF + NSCs (n=7)
% OF IPSILATERAL SWINGS
60
50
40
30
20
10
0
-1
1
3
7
11
15
19
23
27
DAYS AFTER STROKE

Fig. 1C

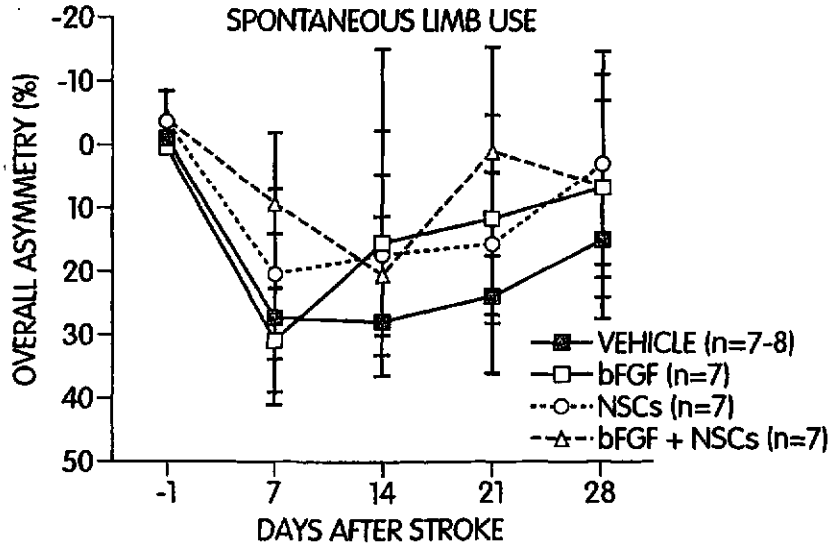

SPONTANEOUS LIMB USE
OVERALL ASYMMETRY (%)
-20
-10
0
10
20
30
40
50
-1
7
14
21
28
DAYS AFTER STROKE
VEHICLE (n=7-8)
bFGF (n=7)
NSCs (n=7)
bFGF + NSCs (n=7)

Fig. 1D

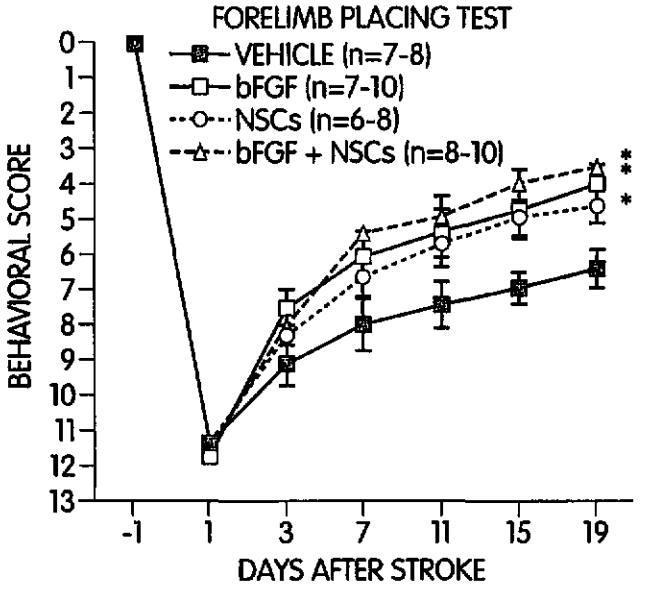

FORELIMB PLACING TEST
VEHICLE (n=7-8)
bFGF (n=7-10)
NSCs (n=6-8)
bFGF + NSCs (n=8-10)
BEHAVIORAL SCORE
0
1
2
3
4
5
6
7
8
9
10
11
12
13
-1
1
3
7
11
15
19
DAYS AFTER STROKE
*
*
*

Fig. 2A

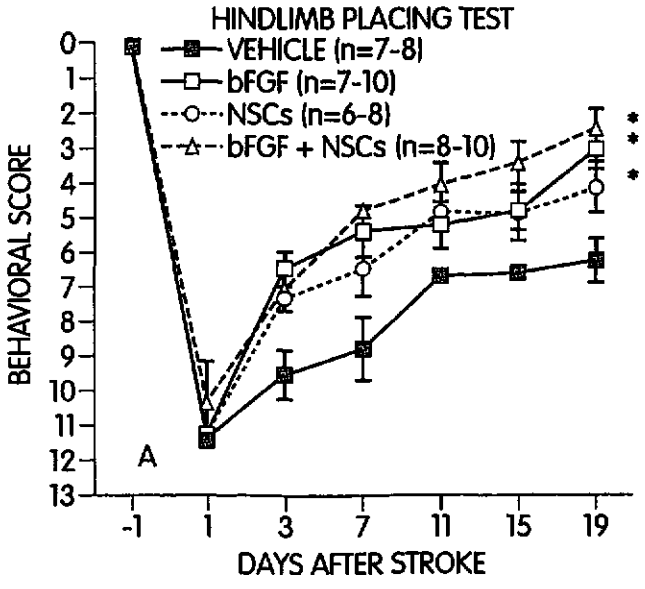

HINDLIMB PLACING TEST
VEHICLE (n=7-8)
bFGF (n=7-10)
NSCs (n=6-8)
bFGF + NSCs (n=8-10)
BEHAVIORAL SCORE
0
1
2
3
4
5
6
7
8
9
10
11
12
13
A
-1
1
3
7
11
15
19
DAYS AFTER STROKE
*
*
*

Fig. 2B

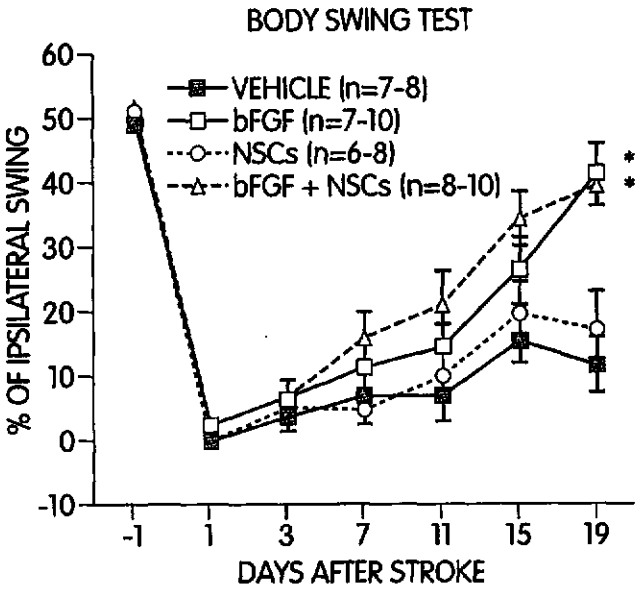

BODY SWING TEST
VEHICLE (n=7-8)
bFGF (n=7-10)
NSCs (n=6-8)
bFGF + NSCs (n=8-10)
% OF IPSILATERAL SWING
60
50
40
30
20
10
0
-10
-1
1
3
7
11
15
19
DAYS AFTER STROKE
*
*

Fig. 2C

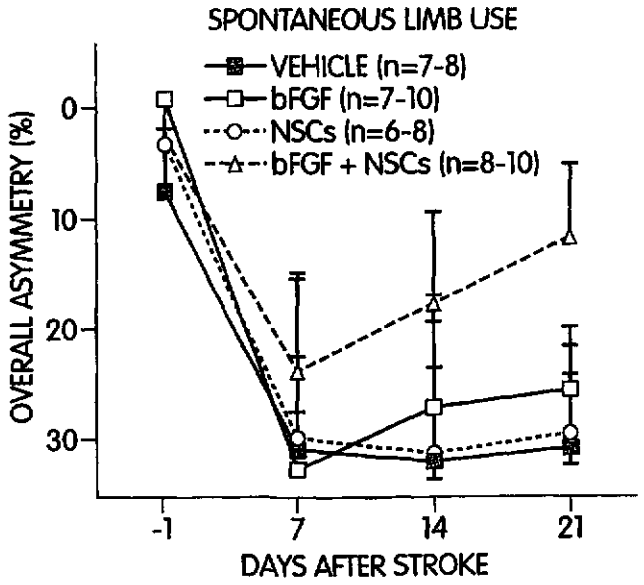

SPONTANEOUS LIMB USE
VEHICLE (n=7-8)
bFGF (n=7-10)
NSCs (n=6-8)
bFGF + NSCs (n=8-10)
OVERALL ASYMMETRY (%)
0
10
20
30
-1
7
14
21
DAYS AFTER STROKE

Fig. 2D

18 FEB 2004

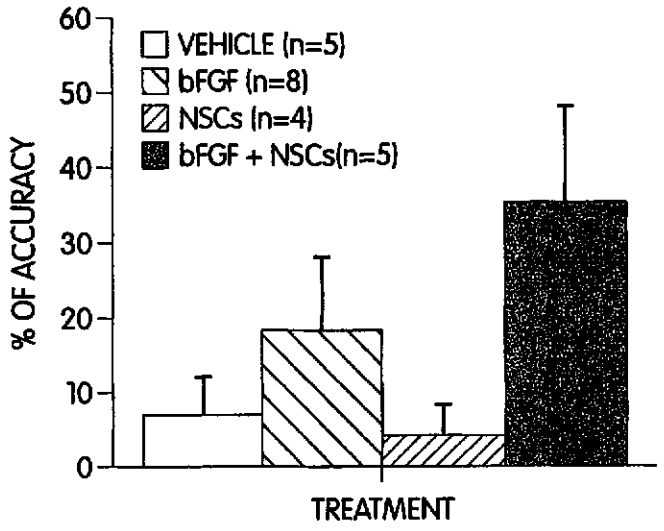


Fig. 3

18 FEB 2004

Human bFGF amino acid sequences

22.5 kD form (Genbank GI: 482272; SEQ. ID. No. 1)

```
1   mgdrgrgral pggrlggrgr grapervggr grgrgtaapr aapaargsrp gpagtmaags
61  ittlpalped ggsgafppgh fkdpkrlyck nggfflrihp dgrvdgvrek sdphiklqlq
121 aeergvvsik gvcanrylam kedgrllask cvtdecfffe rlesnnynty rsrkytswyv
181 alkrtgqykl gsktgpgqka ilflpmsaks
```

114 amino acid form (Genbank GI: 8250666; SEQ. ID. No. 2)

```
1   lgdrgrgral pggrlggrgr grapervggr grgrgtaapr aapaargsrp gpagtmaags
61  ittlpalped ggsgafppgh fkdpkrlyck nggfflrihp dgrvdgvrek sdph
```

88 amino acid form (Genbank GI: 4261553; SEQ. ID. No. 3)

```
1   flrihpdgrv dgvreksdph iklqlqaeer gvvsikgvca nrylamkedg rllaskcvtd
61  ecffferles nnyntyrsrk ytswyval
```

Fig. 4