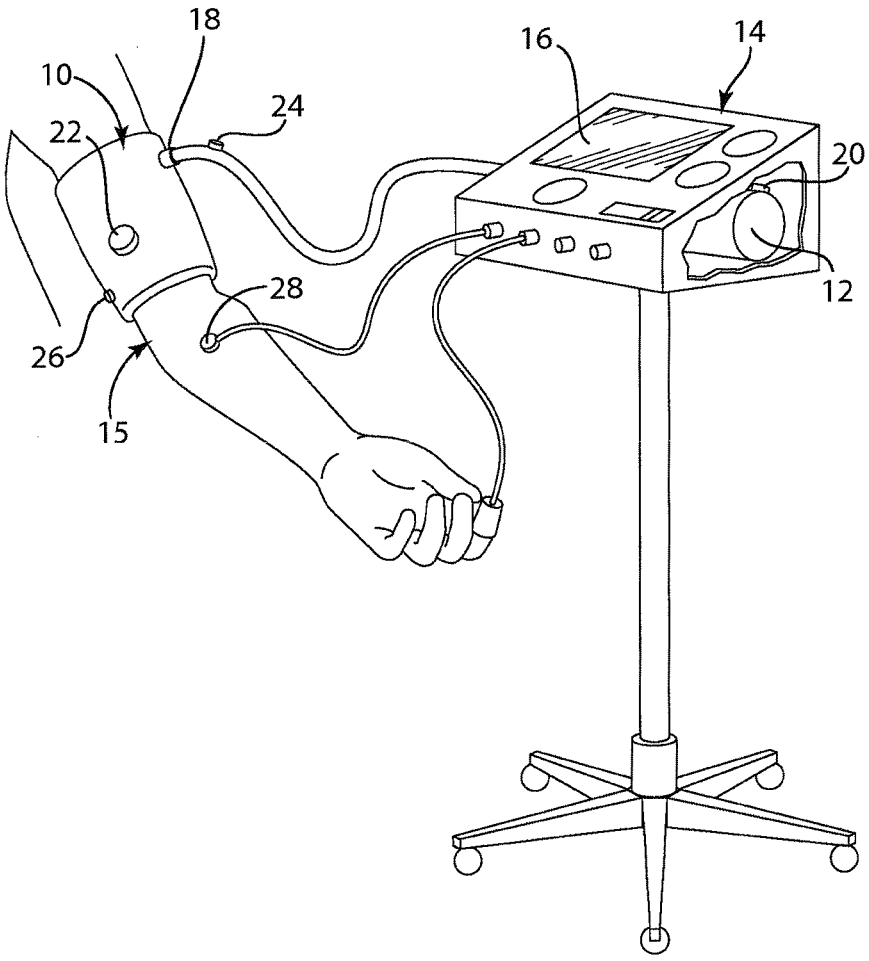


Fig. 1

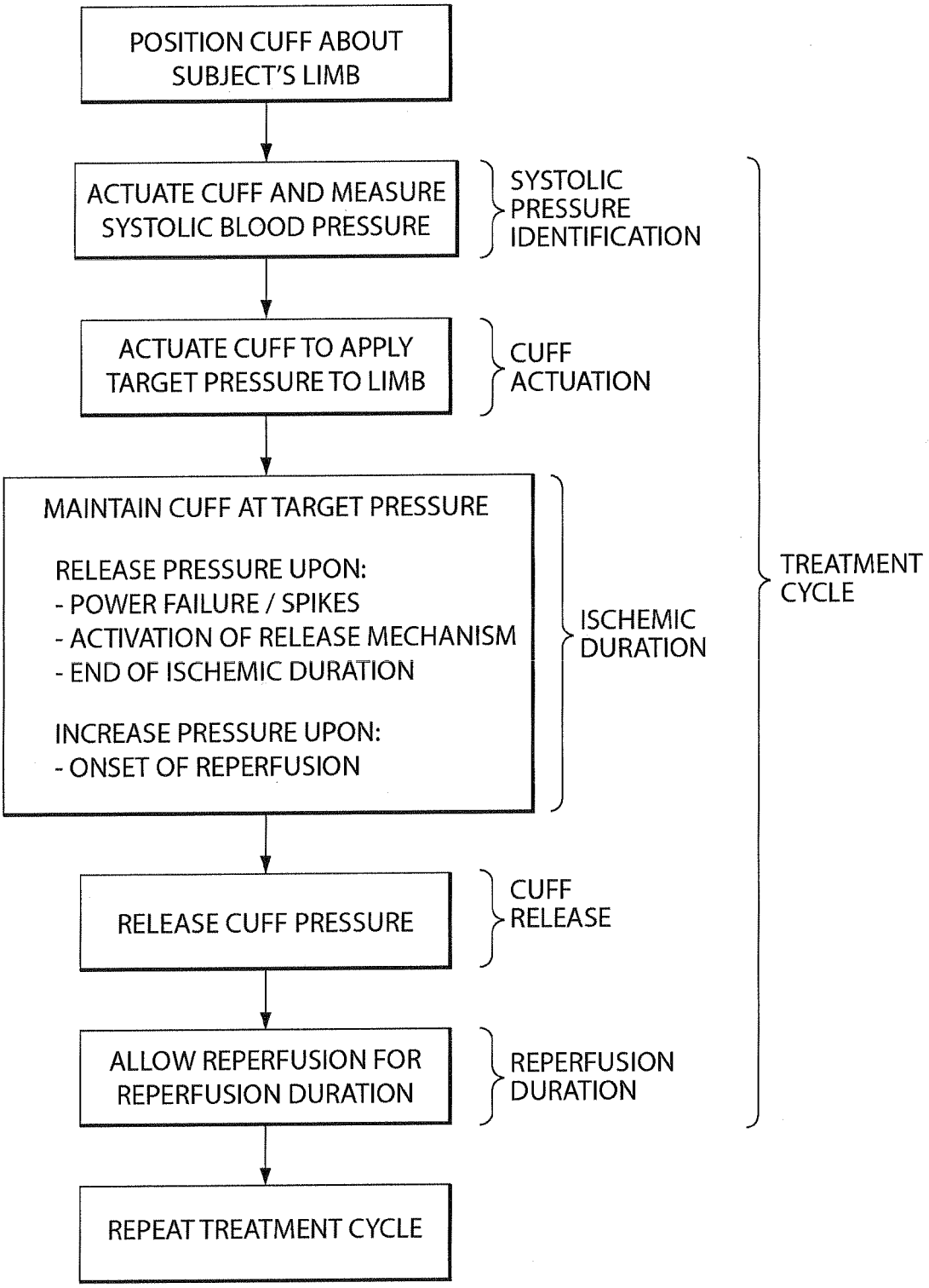

POSITION CUFF ABOUT SUBJECT'S LIMB
ACTUATE CUFF AND MEASURE SYSTOLIC BLOOD PRESSURE
SYSTOLIC PRESSURE IDENTIFICATION
ACTUATE CUFF TO APPLY TARGET PRESSURE TO LIMB
CUFF ACTUATION
MAINTAIN CUFF AT TARGET PRESSURE
RELEASE PRESSURE UPON:
- POWER FAILURE / SPIKES
- ACTIVATION OF RELEASE MECHANISM
- END OF ISCHEMIC DURATION
INCREASE PRESSURE UPON:
- ONSET OF REPERFUSION
ISCHEMIC DURATION
TREATMENT CYCLE
RELEASE CUFF PRESSURE
CUFF RELEASE
ALLOW REPERFUSION FOR REPERFUSION DURATION
REPERFUSION DURATION
REPEAT TREATMENT CYCLE

Fig. 2

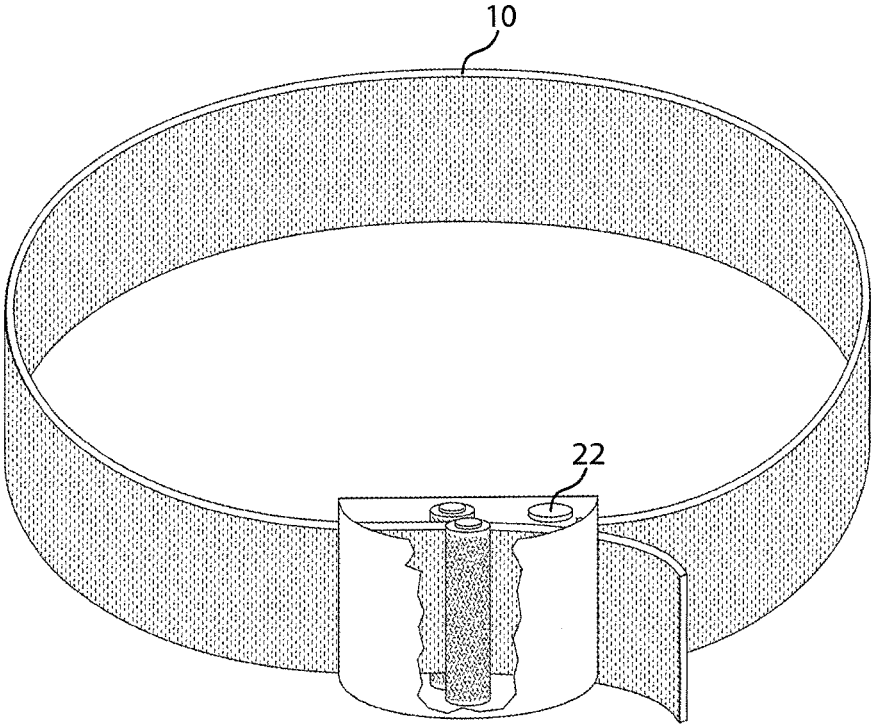


Fig. 3

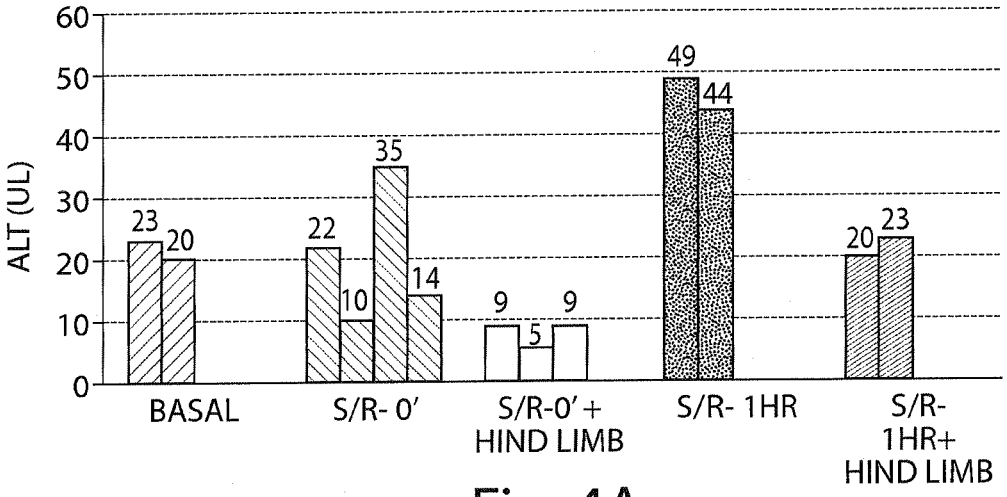

60
50
40
30
20
10
0
ALT (UL)
23
20
22
10
35
14
9
5
9
49
44
20
23
BASAL
S/R- 0'
S/R-0' + HIND LIMB
S/R- 1HR
S/R- 1HR+ HIND LIMB

Fig. 4A

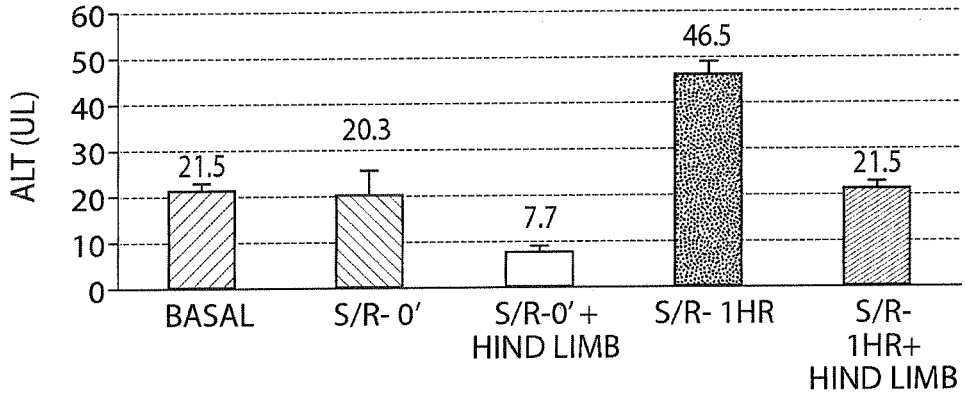

60
50
40
30
20
10
0
ALT (UL)
21.5
20.3
7.7
46.5
21.5
BASAL
S/R- 0'
S/R-0' + HIND LIMB
S/R- 1HR
S/R- 1HR+ HIND LIMB

Fig. 4B

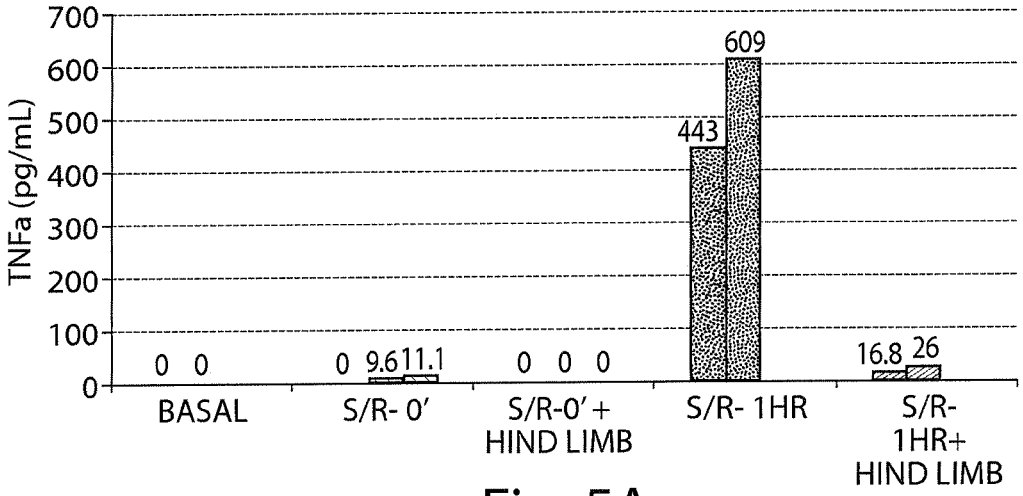

700
600
500
400
300
200
100
0
TNFa (pg/mL)
0 0
0 9.6 11.1
0 0 0
443
609
16.8 26
BASAL
S/R- 0'
S/R-0' + HIND LIMB
S/R- 1HR
S/R- 1HR+ HIND LIMB

Fig. 5A

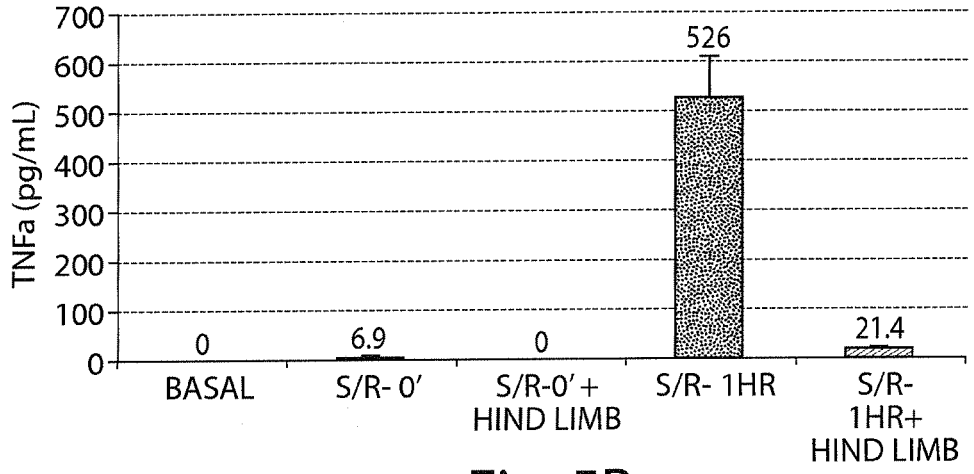

700
600
500
400
300
200
100
0
TNFa (pg/mL)
0
6.9
0
526
21.4
BASAL
S/R- 0'
S/R-0' + HIND LIMB
S/R- 1HR
S/R- 1HR+ HIND LIMB

Fig. 5B